

MODEL NOMENCLATURE RESIDENTIAL

NOTES

90%+ GAS FURNACE

GAS FURNAC	E MODEL N	UMB	ER ID	DENT	IFICA		GUIDE	-		
DIGIT POSITION	1	2	3	4	5	6, 7, 8	9, 10	11, 12	13	14
	*	9	Μ	Α	С	060	17	14	Α	1
F, G = Mainline		-			-					-
N = Entry	BRANDING									
9 = 90% - 100%	EFFICIE	NCY	J							
M = Multiposition		FEAT	URE							
A = ECM Variable Speed										
V = ECM Variable Speed										
X = ECM (Speed Select)										
S = Single-stage										
T = Two-stage			FEAT	URE						
B = Base AFUE Efficiency					J					
E = Extra AFUE Efficiency										
C = Communicating										
D = Dual Certified 2-pipe or 1-pipe										
R = 2-pipe only										
S = Single-stage										
T = Two-stage										
N = Standard										
L = Low NOx				FEAT	URE					
040 = 40,000 BTU/hr						J				
060 = 60,000 BTU/hr										
080 = 80,000 BTU/hr										
100 = 100,000 BTU/hr										
120 = 120,000 BTU/hr										
140 = 140,000 BTU/hr				1		HEAT				
14 = 14 - 3/16"							J			
17 = 17 - 1/2"										
21 = 21"										
24 = 24 - 1/2"					САВ	INET W	IDTH			
08 = 800 CFM (max)								,		
10 = 1000 CFM (max)										
12 = 1200 CFM (max)										
14 = 1400 CFM (max)										
16 = 1600 CFM (max)										
20 = 2000 CFM (max)										
22 = 2200 CFM (max)	NOM	ΙΝΔΙ	ΜΔΧ	000	ING A	IRFLOW	0 5			
SALES (MAJOR) REVISION DIGIT										
ENGINEERING (MINOR) REVISION	DIGIT									J
	DIGIT									

80% GAS FURNACE

DIGIT POSITION 1 2 * 8 G or F = Mainline N = Entry BRANDING	з М	4 X	5	6, 7, 8	9, 10	11, 12	13	14
G or F = Mainline	М	Х	NI			· ·		
			Ν	045	14	12	Α	1
N = Entry BRANDING								
80 = 80+ EFFICIENCY								
M = Multiposition FI	EATURE							
V = ECM Variable Speed								
X = ECM (Speed Select)								
H = Horizontal								
S = Single-stage								
T = Two-stage	F	EATURE						
A = Modulating								
D = Dual Certified 2-pipe or 1-pipe								
R = 2-pipe only								
N = Standard								
L = Low NOx		FI	EATURE					
045 = 44,000 BTU/hr								
070 = 66,000 BTU/hr								
090 = 88,000 BTU/hr								
110 = 110,000 BTU/hr								
135 = 132,000 BTU/hr								
155 = 154,000 BTU/hr			INPU	JT HEAT				
14 = 14–3/16"								
17 = 17-1/2"								
21 = 21"								
24 = 24-1/2"				CABINE	r width			
08 = 800 CFM (max)								
12 = 1200 CFM (max)								
14 = 1400 CFM (max)								
16 = 1600 CFM (max)								
20 = 2000 CFM (max)								
22 = 2200 CFM (max)	OMINAL	MAXIMUI	N COOLI	NG AIRFI	.0W @ .5	5 IN.W.C.		
SALES (MAJOR) REVISION DIGIT								
ENGINEERING (MINOR) REVISION D	DIGIT							

GAS FURNACE — ACCESSORIES

ACCESSORIES MODEL NUMBER IDENTIFICATION GUIDE										
DIGIT POSITION	1	2	3	4	5, 6, 7	8, 9	10, 11			
	Ν	Α	Н	Α	001	01	DH			
N = Non-Branded	BRANDING	J								
A = Accessory	PRODUC	T GROUP								
H = Heating		к	IT USAGE							
A = Original										
B = 2nd Generation			MAJO	R SERIES						
Product Identifier Number										
Package Quantity										
Type of Kit (Example: DH = Di	aft Hood - Chimney	y Adapter)					-			

ACCESSORIES MODE	el number ident	IFICATION	GUIDE -	PRIOR TO	2010	
DIGIT POSITION	1	2	3	4	5, 6, 7	8, 9
	Ν	Α	Н	Α	001	DH
N = Non-Branded	BRANDING					
A = Accessory	PRODUC	T GROUP				
H = Heating		KIT U	SAGE			
A = Original						
B = 2nd Generation			MAJO	R SERIES		
Product Identifier Number						
Type of Kit (Example: DH = Draft Hood	- Chimney Adapter)					-

REFER TO PRODUCT SPECIFICATIONS FOR COMPLETE ACCESSORY INFORMATION. 2010 and PRIOR GAS FURNACE

ACCESSORY PRODUCT IDENTIFIER ASSIGNMENT

AL = ALTERNATE INPUT KIT **BK = BLOWER KIT** CV = CONCENTRIC VENT KIT DH = DRAFT HOOD DK = DRAIN KIT FB = WASHABLE FILTER BULK PACK FF = FILTER FRAME FK = FILTER KIT FP = 10 PACK FILTER KIT HL = HI ALTITUDE PROPANE KIT LP = NATURAL TO PROPANE KIT LV = LONG VENT KIT NG = PROPANE TO NATURAL GAS KIT NK = NEUTRALIZER KIT VC = VENT GUARD WK = TWINNING KIT WL = WARNING LABEL REPLACEMENT KIT

REFER TO PRODUCT SPECIFICATIONS FOR COMPLETE ACCESSORY INFORMATION.

OIL FURNACE

OIL FURNACE MODEL NUM	BER ID	ENTIF		ON GUI	DE		
DIGIT POSITION 1	2	3	4	5, 6, 7	8	9, 10	11
Ν	0	Μ	V	098	J	12	Α
N = Burner included							
Blank = Burners and Accessories ordered separately							
	_]						
D = Oil Furnace	FUEL						
C = Downflow/Horizontal		-					
D = Downflow/Horizontal							
H = Horizontal							
_ = Lo-Boy							
M = Multiposition							
Γ = Upflow/Horizontal							
J = Upflow	FE	ATURE					
⁼ = Front Breech							
R = Rear Breech							
/ = Variable Motor		FE	ATURE				
098 = 98,000 BTU/hr				-			
105 = 105,000 BTU/hr							
106 = 106,000 BTU/hr							
112 = 112,000 BTU/hr							
154 = 154,000 BTU/hr							
155 = 155,000 BTU/hr							
156 = 156,000 BTU/hr							
160 = 160,000 BTU/hr							
210 = 210,000 BTU/hr							
350 = 350,000 BTU/hr			INPU ⁻	T HEAT			
A = 20 x 20							
3 = 24 x 24							
C = 21-1/8 x 21-1/2							
D = 19 x 20							
E = 19 x 24							
$= 20 \times 24$							
$G = 22 \times 30$							
J = 16 x19							
K = 17-1/2 x 19		S	UPPLY	PLENU	M SIZE		
08 = 800 CFM (max)						-	
12 = 1200 CFM (max)							
14 = 1400 CFM (max)							
16 = 1600 CFM (max)							
18 = 1800 CFM (max)							
20 = 2000 CFM (max)				COOL	ING AI	RFLOW	
SALES (MAJOR) REVISION DIGIT							

AIR CONDITIONERS and HEAT PUMPS

OUTDOOR UNIT MOD		MBER	IDEN	FIFICA		GUIDE	i (sing	le pha	se)	
DIGIT POSITION 1	2	3	4	5, 6	7	8	9	10	11	12
*	4	A	3	18	Α	K	A	1	0	0
C, H, or T = Mainline			-						_	_
N = Entry										
R = Entry BRANDING										
2 = R - 22	_									
4 = R - 410A										
C = Two-Stage Communicating										
S = Single Stage Communicating										
X = R-410A REFRIG	ERANT									
A = Air Conditioner		J								
H = Heat Pump		TYPE								
3 = 13 SEER			I							
4 = 14 SEER										
5 = 15 SEER										
6 = 16 SEER										
7 = 17 SEER										
8 = 18 SEER										
9 = 19 SEER N	OMINA	L EFFIC	IENCY							
18 = 18,000 BTUH = 1½ tons										
19 = 18,000 BTUH = 1½ tons										
24 = 24,000 BTUH = 2 tons										
25 = 24,000 BTUH = 2 tons										
30 = 30,000 BTUH = 2½ tons										
31 = 30,000 BTUH = 2½ tons										
36 = 36,000 BTUH = 3 tons										
37 = 36,000 BTUH = 3 tons										
$42 = 42,000 \text{ BTUH} = 3\frac{1}{2} \text{ tons}$										
$43 = 42,000 \text{ BTUH} = 3\frac{1}{2} \text{ tons}$										
48 = 48,000 BTUH = 4 tons										
49 = 48,000 BTUH = 4 tons										
60 = 60,000 BTUH = 5 tons		NOMIN								
61 = 60,000 BTUH = 5 tons A = Standard Grille					J					
G = Coil Guard Grille										
C = Coastal				FEA	TURES					
K = 208/230-1-60						LTAGE				
Sales Code							J			
Engineering Revision								-	J	
Extra Digit]
Extra Digit										

DUCTED HORIZONTAL AIR CONDITIONERS and HEAT PUMPS

OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE												
DIGIT POSITION	1,2	3	4	5	6,7	8	9	10	11	12	13	
	HC	4	Α	3	18	Α	Κ	Α	1	0	0	
Horizontal Condenser	UNIT											
4 = R-410A	REFRIGE	RANT]									
A = Air Conditioner			-									
H = Heat Pump			TYPE	ļ								
3 = 13 SEER	N	ominal	_ EFFIC	IENCY								
18 = 18,000 BTUH = 1½ tons	6											
24 = 24,000 BTUH = 2 tons												
30 = 30,000 BTUH = 21/2 tons	6											
36 = 36,000 BTUH = 3 tons												
42 = 42,000 BTUH = 31/2 tons	6											
48 = 48,000 BTUH = 4 tons												
60 = 60,000 BTUH = 5 tons			NOMIN	AL CAP	ACITY							
A = Standard Grille					FEAT	URES]					
K = 208/230-1-60												
H = 208/230–3–60												
L = 460-3-60						VOI	LTAGE					
Sales Code									J			
Engineering Revision												
Extra Digit											J	
Extra Digit												

AIR CONDITIONERS and HEAT PUMPS — ACCESSORIES

ACCESSORIES	PART NUMB	ER ID	ENTIFI			E				
DIGIT POSITION	1	2	3	4	5	6, 7	8, 9	10, 11		
	N	Α	S	Α	0	01	01	СН		
N = Non-Branded	BRANDING									
A = Accessory	PRODUCT O	ROUP	ļ							
S = Split System (AC & HP)	KIT USAGE									
A = Original				,						
B = 2nd Generation		N	AJOR S	SERIES						
0 = Generic or Not Applicable										
2 = R-22										
4 = R-410A			I	REFRIG	ERANT					
Product Identifier Number										
Package Quantity							-			
Type of Kit (Example: CH = Crankcase H	eater)							-		

HIGH WALL MINI-SPLITS, R-410A

DUCT FREE SPLIT SYSTE		NUMB	ER IDEN	ITIFICA		UIDE – (OUTDO	OR			
DIGIT POSITION	1,2,3	4	5	6	7,8	9	10	11			
	DFC	4	Α	3	09	J	1	Α			
DFC = Duct Free Condenser											
DFS = Duct Free System	UNIT										
4 = Environmentally Sound R-410A R	EFRIGERAN	лт									
A = Air Conditioner			1								
H = Heat Pump			TYPE								
3 = 13				,							
4 = 14	NAMEPLATE SEER										
09 = 9,000 BTUH = ³ / ₄ ton					·						
12 = 12,000 BTUH = 1 ton											
18 = 18,000 BTUH = 1½ tons											
24 = 24,000 BTUH = 2 tons			NOMI	NAL CAP	ACITY						
J = 115–1–60											
K = 208/230-1-60				SI	JPPLY V	OLTAGE					
1 = Single Zone											
2 = Dual Zone											
3 = Tri Zone				S	ALES CO	DDE / FE	ATURES				
Sales Code								•			

DUCT FREE SPLIT SYST	EM MODEI	L NUME	BER IDE	NTIFIC	ATION O	GUIDE -	INDOC	R
DIGIT POSITION	1,2,3	4	5	6	7,8	9	10	11
	DFF	4	Α	Н	09	J	1	Α
DFF = Duct Free Fan Coil								
DFS = Duct Free System	UNIT							
4 = Environmentally Sound R-410A	REFRIGEF	RANT						
A = Air Conditioner			r					
H = Heat Pump			TYPE					
H = High Wall								
U= Under Ceiling								
C = Cassette			APPLI	CATION				
09 = 9,000 BTUH = ³ / ₄ ton								
12 = 12,000 BTUH = 1 ton								
18 = 18,000 BTUH = 1½ tons								
24 = 24,000 BTUH = 2 tons			NOMI		ACITY			
J = 115–1–60						·		
K = 208/230-1-60				รเ	JPPLY V	OLTAGE		
1 = Single Zone								
2 = Dual Zone								
3 = Tri Zone				S	ALES CO	DDE / FE	ATURES	
Sales Code								-

DUCT FREE SPLIT SYSTEM I		NUMBER	IDENTIFI	CATION	GUIDE	
DIGIT POSITION	1,2,3	4	5,6	7,8	9	10,11
	DLC	4	AV	09	J	1
DLC = Duct Free Condenser – Outdoor						
DLF = Duct Free Evaporator - Indoor	UNIT					
4 = Environmentally Sound R-410A REFRIGERA	NT					
AV = AC Outdoor						
AH = AC Indoor						
HV = HP Outdoor						
HH = HP Indoor			TYPE			
09 = 9,000 BTUH = 9k BTU						
12 = 12,000 BTUH = 12k BTU						
18 = 18,000 BTUH = 18k BTU						
24 = 24,000 BTUH = 24k BTU						
30 = 30,000 BTUH = 30k BTU						
36 = 36,000 BTUH = 36k BTU		NOM	INAL CAPA	CITY		
J = 115–1–60					-	
K = 208/230-1-60				SUPPLY	VOLTAGE	
1A				FACT	FORY DESI	GNATION

FAN COILS

FVM, FXM, FEM, FSM, FSU seri	ies FAN		IODEL	NUMBE	er idei	NTIFICAT	ION GL	JIDE
DIGIT POSITION	1	2	3	4	5	6,7,8,9	10	11
	F	V	М	4	Х	1800	В	Т
F = Fan Coil	UNIT							
S = Standard PSC		,						
E = High efficiency ECM								
C = Communicating								
X = ECM								
V = Variable Speed	мото	R TYPE						
U = Upflow			·					
M = Multiposition	INSTA	LLATIO	Ν ΤΥΡΕ					
2 = R-22				r				
4 = Environmentally Sound R-410A			REFRIG	ERANT				
P = Piston Metering Device								
X = TXV			MET	FERING I	DEVICE			
1800 = 18,000 BTUH = 1½ tons								
2400 = 24,000 BTUH = 2 tons								
3000 = 30,000 BTUH = 2½ tons								
3500 = 36,000 BTUH = 3 tons								
3600 = 36,000 BTUH = 3 tons								
4200 = 42,000 BTUH = 3½ tons								
4800 = 48,000 BTUH = 4 tons								
6000 = 60,000 BTUH = 5 tons				NO	MINAL C	CAPACITY		
A = Standard								
AT = Tin Coated Copper Tube					SAL	ES CODE /	FEATU	RES

FEA, FSA series FAN	I COIL MO	DEL NU	JMBER	IDENT	IFICAT	ION GUID	E		
DIGIT POSITION	1	2	3	4	5	6,7,8,9	10	11	
	F	E	Α	4	X	18**	Α	1	
F = Fan Coil									
E = High efficiency ECM S = Standard PSC	мото	R TYPE							
A = Apartment	INSTA		Ν ΤΥΡΕ						
2 = R-22 4 = R-410A	REFRIGERANT								
X = TXV			MET		DEVICE				
18** = 18,000 BTUH = 1½ tons	** = 00 r	no electrio	c heat						
24** = 24,000 BTUH = 2 tons	** = 05,	07, or 11	kW elect	ric heat (factory in	stalled)			
30** = 30,000 BTUH = 2½ tons									
36** = 36,000 BTUH = 3 tons				NO	MINAL C	CAPACITY			
Sales Code								ļ	
Engineering Revision								-	

FMA4P series FAN COIL I	MODEL	NUMBE		TIFICAT	ION GU	IIDE			
DIGIT POSITION	1	2	3	4	5	6,7,8,9	10		
	F	М	Α	4	Р	1800	Α		
F = Fan Coil									
M = Multi-Family	мотс	OR TYPE							
A = Apartment	INST	TALLATIC	N TYPE						
4 = Environmentally Sound R-410A	REFRIGERANT								
P = Piston			ME	ETERING	DEVICE				
1800 = 18,000 BTUH = 1–1/2 tons						-			
2400 = 24,000 BTUH = 2 tons									
3000 = 30,000 BTUH = 2–1/2 tons									
3600 = 36,000 BTUH = 3 tons				NC	MINAL C	CAPACITY			
A = Standard					SALES	CODE/FE	ATURES		

FAN COIL – ACCESSORIES

FVM, FXM, FEM, FSM, FSU, EBV series FAN COIL ACCESSORY PART NUMBER IDENTIFICATION GUIDE										
DIGIT POSITION	1,2	3,4	5,6	7,8,9	10					
	EB	AC	01	NCB	Α					
EB = Evaporator Blower	UNIT									
AC = Accessory		-								
Product Identifier Number			_							
NCB = Non-Combustible Base Kit				-						
DFS = Down Flow Kit – Slope Coil										
DFA = Down Flow Kit – A Coil										
PLG = Power Plug (no heat kit)										
SPK = Single Point Wiring Kit										
FKS = Filter Kit Small										
FKM = Filter Kit Medium										
FKL = Filter Kit Large										
FKX = Filter Kit Extra Large										
CTK = Condensate Trap Kit (PVC pipe)			ACCESS	ORY TYPE						
Sales Code										

FEA, FSA series FAN COIL ACC	ESSORY	MODEL	NUMBE	R IDEN	TIFICAT	ION GU	DE
DIGIT POSITION	1	2	3,4	5,6,7	8,9	10	11
	Α	М	WK	001	СК	Α	1
A = Accessory							
C = Cooling		,					
H = Heating							
M = Multi-use (Cooling and/or Heating)							
X = Special	PRODUC	CT TYPE					
Series			-				
Product Identifier				-			
CK = Cooling Control Kit MK = Wall Mo	unting Brac	kets Kit					
WG = Louvered Wall Panel with Frame			Α	CCESSOF	RY TYPE		
Sales Code							
Engineering Revision							-

FMA4P series FAN COIL ELECTRIC	HEATER PART NUMB	ER IDENT	IFICATION	GUIDE
DIGIT POSITION	1,2,3	4	5,6	7
	EHK	2	05	В
EHK = Electric Heat Kit				
Sales Code				
05 = 5 kW			_	
08= 7.5 kW				
10 = 11 kW		NOMINAL	HEAT VALUE	
Engineering Code				

REFER TO PRODUCT SPECIFICATIONS FOR COMPLETE ACCESSORY INFORMATION.

FAN COIL - ELECTRIC HEATERS

FVM, FAN COIL ELECTRIC	FXM, FEM, FSM, F HEATER PART NU			CATION G	UIDE	
DIGIT POSITION	1,2,3	4,5	6	7	8	9
	EHK	05	Α	К	Ν	1
EHK = Electric Heater Kit						
05 = 5 kW						
07 = 7 kW						
09 = 9 kW						
10 = 10 kW						
15 = 15 kW						
18 = 18 kW						
20 = 20 kW						
25 = 25 kW						
30 = 30 kW	NOMINAL HEA	T VALUE				
Sales Code						
K = 208 / 230 single–phase						
H = 208 / 230, 3-phase						
KC = 208 / 230, supplied as single phase	e, field convertible to 3–	ohase				
HC = 208 / 230 supplied as 3-phase, fie	eld convertible to single p	hase	VOLTAG	iE (60 Hz)		
Product Identifier						J
Engineering Revision						

FSA series FAN COIL ELECTRIC	HEATER PART NU	JMBER II	DENTIFIC	ATION GU	JIDE
DIGIT POSITION	1,2,3	4	5,6,7	8,9	10
	AMW	Κ	005	AH	1
AMW = Electric Heat Kit					
K = 208 / 230 single-phase	VOLTA	GE (60 Hz)			
005 = 5 kW			-		
007= 7 kW					
011 = 11 kW	NC	MINAL HE	AT VALUE		
Sales Code				-	
Engineering Revision					-

FURNACE COILS (Numerical Widths)

COIL MODEL NUMBER IDENTIFICATION GUIDE											
DIGIT POSITION	1	2	3	4	5	6,7	8	9,10	11	12	
	Е	N	D	4	Х	18	L	14	Α	1	
E = Evaporator	UNIT			-						-	
A = A Coil											
N = N Coil	TY	PE									
A = Uncased			,								
D = Cased Upflow/Downflow											
M = Cased Multiposition (Upflow/Down	flow/Ho	rizontal)									
W = Cased Upflow/Downflow for narrow	ver furn	aces									
H = Cased Horizontal	IN	ISTALL	ATION	ļ							
4 = Environmentally Sound R-410A		R	EFRIGE	ERANT							
P = Piston X = TXV			METE	RING D	EVICE						
18 = 18,000 BTUH = 1½ tons						,					
19 = 18,000 BTUH = 1½ tons											
24 = 24,000 BTUH = 2 tons											
30 = 30,000 BTUH = 2½ tons											
31 = 30,000 BTUH = 2½ tons											
36 = 36,000 BTUH = 3 tons											
37 = 36,000 BTUH = 3 tons											
42 = 42,000 BTUH = 3½ tons											
43 = 42,000 BTUH = 3½ tons											
48 = 48,000 BTUH = 4 tons											
60 = 60,000 BTUH = 5 tons											
61 = 60,000 BTUH = 5 tons				NOMIN	AL CAP	ACITY					
C = Plain Copper							,				
L = Aluminum											
T = Tin Coated Copper					HAIRP	PIN MAT	ERIAL				
14 = 14-3/16"								<i>.</i>			
17 = 17–1/2"											
21 = 21"											
24 = 24-1/2"							V	VIDTH			
Sales Digit (Major Revision)											
Engineering Digit (Minor Revision)											

FURNACE COILS (B, F, J, L Widths)

COIL MODEL NUMBER IDENTIFICATION GUIDE												
DIGIT POSITION	1	2	3	4	5	6,7	8	9	10			
	Е	D	М	2	Х	18	В	Α	1			
E = Evaporator	UNIT											
D = Deluxe												
B = Builder (Value Line)		TYPE										
M = Cased, Multiposition		,										
D = Cased Upflow / Downflow												
U = Cased Upflow Only												
A = Uncased		APPLIC	ATION									
2 = R-22				·								
4 = Environmentally Sound R-410A		F	REFRIGE	ERANT								
X = TXV			MET	ERING [DEVICE							
18 = 18,000 BTUH = 1½ tons												
24 = 24,000 BTUH = 2 tons												
30 = 30,000 BTUH = 2½ tons												
36 = 36,000 BTUH = 3 tons												
42 = 42,000 BTUH = 3½ tons												
48 = 48,000 BTUH = 4 tons												
60 = 60,000 BTUH = 5 tons				NOMIN	IAL CAF	PACITY						
B = 15.5"												
F = 19.1"												
J = 22.8"												
L = 24.5"							WIDTH					
A = Standard								-				
L = Aluminum												
AT = Tin Coated Copper Tubes for Additi	onal Corr	osion Pro	otection		SAL	ES COD	DE / FEA	TURES				
Engineering Revision												

MODULAR BLOWERS and ELECTRIC FURNACE

	MODULAR BLOWERS and ELECTRIC FURNACE MODEL NUMBER IDENTIFICATION GUIDE												
DIGIT POSITION	1	2	3,4	5,6	7,8	9	10						
M = Cased Modular Blower	М	V	08	00	14	С	1						
V = Variable Speed ECM Motor 208/230-1-60													
F = Electric Furnace 208/230-1-60													
B = Blower Cabinet 115–1–60		UNIT											
08 = 800 (2 ton)			,										
12 = 1200 (3 ton)													
16 = 1600 (4 ton)													
20 = 2000 (5 ton)		NOMIN	IAL CFM										
00 = No Electric Heat	FACTO	RY INST	ALLED EL	ECTRIC HEAT									
14 = 14-1/2"													
17 = 17–1/2"													
21 = 21"													
24 = 24-1/2"		CO	IL WIDTH	MATCH									
Sales Code						1							
Engineering Revision													

MODULAR BLOWERS and ELECTRIC FURNACE ACCESSORY PART NUMBER IDENTIFICATION GUIDE												
DIGIT POSITION	1	2	3	4,5,6	7,8	9	10					
	Α	М	F	001	DF	Α	1					
A = Accessory												
C = Cooling		ſ										
H = Heating												
M = Multi-use (heating and cooling)												
X = Special	PRODUC	CT TYPE										
Series												
Product Identifier Number												
DF = Downflow Kit NH= No Hea	t Kit											
OT = 2-stage Outdoor Thermostat												
SP = Single Point Wiring Kit			Α	CCESSOF	RY TYPE							
Sales Code						-						
Engineering Revision												

REFER TO PRODUCT SPECIFICATIONS FOR COMPLETE ACCESSORY INFORMATION.

	MODULAR BLOWERS and ELECTRIC FURNACE (MV*B, MF*B) HEATER PART NUMBER IDENTIFICATION GUIDE												
DIGIT POSITION	1,2	3	4	5,6	7	8	9	10					
	EH	I	Α	15	K	В	1	0					
EH = Electric Heater													
I = ICP Modular Unit		-											
A = Sales Code			-										
00 = No Heat Kit				-									
05 = 5 kW													
07 = 7 kW													
10 = 10 kW													
15 = 15 kW													
20 = 20 kW													
25 = 25 kW		NOMI	NAL HEA	T VALUE									
K = 208 / 230 single-phase													
H = 208 / 230, 3–phase				V	OLTAGE								
B = Circuit Breaker													
N = Non-Breaker			E	LECTRIC	AL PROT	ECTION							
Engineering Revision													
Product Identifier													

SMALL PACKAGE UNITS

MODE	EL NUMB	BER ID	ENTIF	ICATI	ON G	UIDE				
DIGIT POSITION	1	2	3	4	5,6	7,8,9	10	11,12	13	14
	Р	G	S	3	36	060	Κ	GS	0	С
P = Package	UNIT									
A = Air Conditioner		J								
H = Heat Pump										
D = Dual Fuel										
G = Gas/Electric		TYPE								
D = Standard			,							
S = Mainline with SS HX			TIER							
3 = 13				ļ						
4 = 14										
5 = 15				SEER						
24 = 24,000 BTUH = 2 Tons					-					
30 = 30,000 BTUH = 2.5 Tons										
36 = 36,000 BTUH = 3 Tons										
42 = 42,000 BTUH = 3.5 Tons										
48 = 48,000 BTUH = 4 Tons										
60 = 60,000 BTUH = 5 Tons		NOMIN	AL CO	oling	BTUH					
000 = N/A						2				
040 = 40,000										
060 = 60,000										
090 = 90,000										
115 = 115,000										
120 = 120,000										
130 = 130,000	I	NOMIN	AL HEA	TING E	STUH (input)*				
K = 208/230-1-60										
H = 208/230-3-60										
L = 460–3–60						VOL	TAGE			
00 = No Options								-		
GS = Stainless-Steel Heat Exchanger	*									
TP = Tin Plated Evap Main Tubes**										
GP = Tin Plated Evap Main Tubes plus	s Stainless	Steel		FAC	FORY I	NSTALL	ED OF	TIONS		
Heat Exchanger *										
0 = Standard										
1 = Low NOx *							FE	ATURE	CODE	ļ
Sales Model Digit										

* Gas/electric or Dual Fuel models only

MODEL NOMENCLATURE

MODEL NOMENCLATURE											
	1	2	3,4	5,6	7,8,9	10	11,12	13	14	15	
MODEL SERIES	Ρ	G	R5	36	090	Κ	00	0	С	1	
P = Package	-										
A = Air Conditioner		-									
H = Heat Pump											
G = Gas/Electric											
D = Dual Fuel		TYPE									
R5 = Mainline			TIER								
24 = 24,000 BTUH = 2 Tons				,							
36 = 36,000 BTUH = 3 Tons											
48 = 48,000 BTUH = 4 Tons											
60 = 60,000 BTUH = 5 Tons	NOMI	NAL CL	G CAP	ACITY							
000 = no factory heat											
040 = 40,000 BTU/hr											
060 = 60,000 BTU/hr											
090 = 90,000 BTU/hr											
115 = 115,000 BTU/hr											
130 = 130,000 BTU/hr	N	IOMINA	L HTG	BTUH ((input)						
K = 208/230-1-60											
H = 208/230-3-60					VOL	TAGE					
GP = Tin Coated Copper Evap Main Tub	oes plus	Stainles	s Steel	Heat Ex	changer						
GS = Stainless Steel Heat Exchanger			FA	CTORY	INSTAL	LED O	PTIONS				
0 = Standard											
1 = Low NOx						F	EATURE	CODE	J		
Sales Model Digit										J	
Engineering Digit											

	MC	DDEL N	OMEN	CLATU	RE					
	1	2	3,4	5,6	7,8,9	10	11,12	13	14	15
MODEL SERIES	Ρ	Α	R5	36	000	Κ	00	0	С	1
P = Package										
A = Air Conditioner		-								
H = Heat Pump										
R5 = Standard			TIER							
24 = 24,000 BTUH = 2 Tons										
36 = 36,000 BTUH = 3 Tons										
48 = 48,000 BTUH = 4 Tons										
60 = 60,000 BTUH = 5 Tons	NOMI	NAL CL	G CAP	ACITY	ļ					
000 = no factory heat	Ν	OMINA	L HTG	BTUH ((input)					
K = 208/230-1-60										
H = 208/230-3-60					VOL	TAGE				
00 = No options										
TP – Tin Plated Evaporator Main Tubes			FAC	TORY	INSTAL	LED O	PTIONS			
0 = Standard						FI	EATURE	CODE		
Sales Model Digit									- 	
Engineering Digit										

NOTES

RESIDENTIAL COOLING

NOTES

HCA9

HIGH EFFICIENCY UP TO 19 SEER TWO-STAGE AIR CONDITIONER WITH OBSERVER™ COMMUNICATING CONTROL SYSTEM

2 THRU 5 TONS SPLIT SYSTEM 208 - 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Copeland Scroll® UltraTech® 2.0 compressors on all models
 TSTAT0101SC
- · Filter-drier supplied with every unit for field installation
- · External high and low refrigerant service ports
- · High and low pressure switches
- Copper tube/aluminum fin coil

PERFORMANCE

- · Communicating, self-configuring operation when used with Observer Wall Control (TSTAT0101SC)
- Outdoor temperature sensor factory installed
- Ball bearing ECM fan motors on all models
- High performance compressor sound shield standard
- Isolation compressor grommets
- EASY TO INSTALL AND SERVICE
- · Text based diagnostics with Observer Communicating Wall Control
- Only 2 control wires required from communicating indoor unit to condenser
- · Easy access service valves on all models
- Innovative control box design
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- · High gloss, baked-on powder coat finish over galvanized steel
- · Post-painted (black) coil fins
- · Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)
- · Corner posts for extra strength and style

WARRANTY*

- 10 year No Hassle Replacement[™] limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFC	ORMAN	CE DATA					
Model	Size	Nominal	Min. Circuit	Max. Fuse	Operating Dimensions	Ship / Operating	Notes
Number	(tons)	Btu/hr	Ampacity	or Breaker	height x width x depth in. (mm)	Weight Ibs. (kg)	Notes
HCA924GKA	2	24,000	15.7	25	40-1/8 x 35 x 35 (1019 x 889 x 889)	295 / 253 (134 / 115)	
HCA936GKA	3	36,000	21.1	30	46-7/8 x 35 x 35 (1191 x 889 x 889)	328 / 283 (149 / 128)	
HCA948GKA	4	48,000	29.2	40	46-7/8 x 35 x 35 (1191 x 889 x 889)	352 / 306 (160 / 139)	
HCA960GKA	5	60,000	38.7	60	46-7/8 x 35 x 35 (1191 x 889 x 889)	352 / 306 (160 / 139)	



Recommended

(sold separately)





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org



inufacturer's refrige

HCA7

HIGH EFFICIENCY UP TO 17 SEER TWO-STAGE AIR CONDITIONER WITH OBSERVER™ COMMUNICATING CONTROL SYSTEM

2 THRU 5 TONS SPLIT SYSTEM

208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Copeland Scroll® UltraTech® compressors on all models
- Filter-drier supplied with every unit for field installation
- External high and low refrigerant service ports
- High and low pressure switches
- Copper tube/aluminum fin coil

PERFORMANCE

- Communicating, self-configuring operation when used with Observer Wall Control (TSTAT0101SC)
- Outdoor temperature sensor factory installed
- Ball bearing PSC fan motors on all models
- · High performance compressor sound shield standard
- Isolation compressor grommets
- EASY TO INSTALL AND SERVICE
- Text based diagnostics with Observer communicating wall control
- Only 2 control wires required from communicating indoor unit to condenser
- Easy access service valves on all models
- Innovative control box design
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- High gloss, baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fins
- · Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)
- Corner posts for extra strength and style

WARRANTY*

- 10 year No Hassle Replacement[™] limited warranty
- 5 year parts limited warranty (including compressor and coil)
 With timely registration, an additional 5 year parts limited warrant
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFC	ORMAN	CE DATA					
Model	Size	Nominal	Min. Circuit	Max. Fuse	Operating Dimensions	Ship / Operating	Notes
Number	(tons)	Btu/hr	Ampacity	or Breaker	height x width x depth in. (mm)	Weight Ibs. (kg)	Notes
HCA724GKA	2	24,000	14.5	20	35-7/16 x 31-3/16 x 31-3/16 (900 x 792 x 792)	222 / 183 (101 / 83)	
HCA736GKA	3	36,000	19.8	25	35-7/16 x 31-3/16 x 31-3/16 (900 x 792 x 792)	256 / 217 (116 / 98)	
HCA748GKA	4	48,000	27.8	40	40-1/8 x 35 x 35 (1019 x 889 x 889)	326 / 283 (148 / 128)	
HCA760GKA	5	60,000	32.3	50	46-7/8 x 35 x 35 (1191 x 889 x 889)	327 / 284 (148 / 119)	



Recommended (sold separately)

TSTAT0101SC





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.



This product has been designed and manufactured to meet INERGY STAR criteria for energy efficiency when matched with appropriate coil components. However, proper erfligerant charge and proper air flow are critical to achieve rated capacity and efficiency. Installation of this product should follow the manufacturer's refligerant charging and air flow instructions. Failure to confirm proper charge and alfow may reduce energy efficiency and shorten equipment

HSA6

UP TO 16 SEER SINGLE STAGE AIR CONDITIONER WITH OBSERVER™ COMMUNICATING CONTROL SYSTEM

1¹/₂ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Copeland Scroll® compressors on all models
- Filter-drier supplied with every unit for field installation
- External high and low refrigerant service ports
- Copper tube/aluminum fin coil

PERFORMANCE

- Communicating, self-configuring operation when used with Observer Wall Control (TSTAT0101SC)
- Outdoor temperature sensor factory installed
- · Compressor sound blanket standard
- Isolation compressor grommets

EASY TO INSTALL AND SERVICE

- Text based Diagnostics with Observer communicating wall control
- Easy access service valves on all models
- · Innovative control box design
- · High and low pressure switches
- Fan motor in-line disconnect plug
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- · High gloss, baked-on powder coat finish over galvanized steel
- · Post-painted (black) coil fins
- · Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)
- Corner posts for extra strength and style

WARRANTY*

- 5 year No Hassle Replacement™ limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFO	UNIT PERFORMANCE DATA											
Model	Size	Nominal	Min. Circuit	Max. Fuse	Operating Dimensions	Ship / Operating	Notes					
Number	(tons)	Btu/hr	Ampacity	or Breaker	height x width x depth in. (mm)	Weight lbs. (kg)	Notes					
HSA618GKA	1½	18,000	11.8	20	28-9/16 x 31-3/16 x 31-3/16 (726 x 792 x 792)	213 / 176 (96 / 80)						
HSA624GKA	2	24,000	17.6	25	28-9/16 x 31-3/16 x 31-3/16 (726 x 792 x 792)	212 / 176 (96 / 80)						
HSA630GKA	21⁄2	30,000	16.7	25	32 x 31-3/16 x 31-3/16 (813 x 792 x 792)	223 / 187 (101 / 85)						
HSA636GKA	3	36,000	18.1	30	29-7/8 x 35 x 35 (760 x 889 x 889)	243 / 200 (110 / 91)						
HSA642GKA	31⁄2	42,000	23.6	40	40-1/8 x 35 x 35 (1019 x 889 x 889)	297 / 253 (135 / 115)						
HSA648GKA	4	48,000	26.1	40	40-1/8 x 35 x 35 (1019 x 889 x 889)	340 / 295 (155 / 114)						
HSA660GKA	5	60,000	28	40	46-7/8 x 35 x 35 (1191 x 889 x 889)	374 / 327 (169 / 148)						



TSTAT0101SC Recommended (sold separately)





w.ahridirectorv.org

Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to



med ENERGY STAR criteria for energy efficiency when matched with appropriate coil components. However, proper refrigerant charge and proper air flow are critical to achieve rated capacity and efficiency, Installation of this product should follow the manufacture's refrigerant charging and air flow instructions. Failure to confirm prope charge and airflow may reduce energy efficiency and shorten equipment life.

HXA6

HIGH EFFICIENCY UP TO 16 SEER AIR CONDITIONER ENVIRONMENTALLY SOUND R-410A REFRIGERANT 1¹/₂ THRU 5 TONS SPLIT SYSTEM

208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Copeland Scroll® compressors on all models
- Filter-drier supplied with every unit for field installation
- External high and low refrigerant service ports
- Copper tube/aluminum fin coil
- 48 and 60 models for higher SEER, lower capacity
- 49 and 61 models for higher capacity, lower SEER

PERFORMANCE

- 2-speed fan motors factory wired on all models
- Compressor Sound Jacket standard

EASY TO INSTALL AND SERVICE

- Comfort Alert[™] Diagnostics device on all models
- Easy access service valves on all models
- Innovative control box design
- · High and low pressure switches
- Fan motor in-line disconnect plug
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- High gloss, baked-on powder coat finish over galvanized steel
- · Post-painted (black) coil fins
- · Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)
- Corner posts for extra strength and style

WARRANTY*

- 5 year No Hassle Replacement™ limited warranty
- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFO	ORMAN	ICE DATA	L				
Model	Size		Min. Circuit			Ship / Operating	Notes
Number	(tons)	Btu/hr	Ampacity	or Breaker	height x width x depth in. (mm)	Weight Ibs. (kg)	
HXA618GKA	1½	18,000	11.8	20	28-5/16 x 31-3/16 x 31-3/16 (719 x 792 x 792)	183 / 147 (83 / 67)	
HXA624GKA	2	24,000	17.7	25	28-5/16 x 31-3/16 x 31-3/16 (719 x 792 x 792)	183 / 147 (83 / 67)	
HXA630GKA	21⁄2	30,000	16.8	25	32-5/16 x 31-3/16 x 31-3/16 (821 x 792 x 792)	188 / 153 (85 / 69)	
HXA636GKA	3	36,000	18.1	30	28-5/16 x 35 x 35 (719 x 889 x 889)	204 / 165 (93 / 75)	
HXA642GKA	31⁄2	42,000	23.6	40	39-1/8 x 35 x 35 (994 x 889 x 889)	254 / 213 (115 / 96)	
HXA648GKA	4	48,000	26.1	40	39-1/8 x 35 x 35 (994 x 889 x 889)	317 / 264 (144 / 120)	
HXA649GKA	4	48,000	28.4	40	39-1/8 x 35 x 35 (994 x 889 x 889)	269 / 231 (122 / 105	
HXA660GKA	5	60,000	28	40	45-15/16 x 35 x 35 (1167 x 889 x 889)	310 / 272 (141 / 123)	
HXA661GKA	5	60,000	32.5	50	45-15/16 x 35 x 35 (1167 x 889 x 889)	310 / 272 (141 / 123)	





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.





his product has been designed and manufactured to seet ENERGY STAR criteria for energy efficiency when addred with appropriate coil components. However, oncer refrigerant charge and proper air flow are critical to chiver raider capacity and efficiency. Installation of this moduct should follow the manufacture's refrigerant hanging and air flow instructions. Failure to confirm proper hange and airlow may reduce energy efficiency and horten equipment life.

H4A3

EFFICIENT 13 SEER AIR CONDITIONER ENVIRONMENTALLY SOUND R-410A REFRIGERANT

1¹/₂ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Copeland Scroll® compressors on all models
- · Filter-drier supplied with every unit for field installation
- · External high and low refrigerant service ports
- Copper tube/aluminum fin coil

PERFORMANCE

- 2-speed fan motors factory wired on all models
- Compressor Sound Jacket standard

EASY TO INSTALL AND SERVICE

- Comfort Alert[™] Diagnostics device on all models
- · Easy access service valves on all models
- Innovative control box design
- High and low pressure switches
- Fan motor in-line disconnect plug
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- High gloss, baked-on powder coat finish over galvanized steel
- · Post-painted (black) coil fins
- · Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)
- Corner posts for extra strength and style

WARRANTY*

- 1 year No Hassle Replacement™ limited warranty
- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFO	RMAN	CE DATA					
Model	Size	Nominal	Min. Circuit	Max. Fuse	Operating Dimensions	Ship / Operating	Notes
Number	(tons)	Btu/hr	Ampacity	or Breaker	height x width x depth in. (mm)	Weight Ibs. (kg)	Notes
H4A318GKD	1½	18,000	11.8	20	25-3/16 x 23-1/8 x 23-1/8 (640 x 587 x 587)	143 / 117 (65 / 53)	
H4A324GKD	2	24,000	17.6	30	25-3/16 x 23-1/8 x 23-1/8 (640 x 587 x 587)	142 / 118 (64 / 54)	
H4A330GKD	21⁄2	30,000	16.8	25	28-9/16 x 23-1/8 x 23-1/8 (726 x 587 x 587)	151 / 127 (69 / 58)	
H4A336GKD	3	36,000	21.9	30	25-3/16 x 31-3/16 x 31-3/16 (640 x 793 x 793)	196 / 160 (89 / 73)	
H4A342GKD	31⁄2	42,000	23.5	40	32 x 31-3/16 x 31-3/16 (813 x 793 x 793)	230 / 195 (104 / 89)	
H4A348GKD	4	48,000	26	40	35-3/8 x 31-3/16 x 31-3/16 (899 x 793 x 793)	243 / 203 (110 / 92)	
H4A360GKD	5	60,000	34.2	50	28-9/16 x 31-3/16 x 31-3/16 (726 x 793 x 793)	250 / 215 (113 / 98)	



Use of the AHRI Certified TM Mark

www.ahridirectory.org.

indicates a manufacturer's participation in the program. For verification of

certification for individual products, go to

Specifications subject to change without notice.

NXA6

HIGH EFFICIENCY UP TO 16 SEER AIR CONDITIONER ENVIRONMENTALLY SOUND R-410A REFRIGERANT

1¹/₂ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Scroll compressors on all models
- · Filter-drier supplied with every unit for field installation
- Copper tube/aluminum fin coil
- 48 and 60 models for higher SEER, lower capacity
- 49 and 61 models for higher capacity, lower SEER

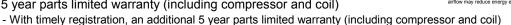
EASY TO INSTALL AND SERVICE

- Easy access service valves on all models
- · External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- · Baked-on powder coat finish over galvanized steel
- · Post-painted (black) coil fins
- Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard) WARRANTY*
- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)





* Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFO	RMAN	CE DATA					
Model Number	Size (tons)		Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth in. (mm)	Ship / Operating Weight Ibs. (kg)	Notes
NXA618GKA	1½	18,000	11.8	20	28-11/16 x 25-3/4 x 25-3/4 (729 x 654 x 654)	154 / 125 (70 / 57)	
NXA624GKA	2	24,000	17.7	25	28-5/16 x 31-3/16 x 31-3/16 (719 x 792 x 792)	147 / 183 (83 / 67)	
NXA630GKA	21⁄2	30,000	16.8	25	32-5/16 x 31-3/16 x 31-3/16 (821 x 792 x 792)	188 / 153 (85 / 69)	
NXA636GKA	3	36,000	18.1	30	28-5/16 x 35 x 35 (719 x 889 x 889)	204 / 165 (93 / 75)	
NXA642GKA	31⁄2	42,000	23.6	40	39-1/8 x 35 x 35 (994 x 889 x 889)	254 / 213 (115 / 96)	
NXA648GKA	4	48,000	26.1	40	39-1/8 x 35 x 35 (994 x 889 x 889)	317 / 264 (144 / 120)	
NXA649GKA	4	48,000	28.4	40	39-1/8 x 35 x 35 (994 x 889 x 889)	269 / 231 (122 / 105)	
NXA660GKA	5	60,000	28	40	45-15/16 x 35 x 35 (1167 x 889 x 889)	310 / 272 (141 / 123)	
NXA661GKA	5	60,000	32.5	50	45-15/16 x 35 x 35 (1167 x 889 x 889)	310 / 272 (141 / 123)	



CERTIFIED

Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org



The state of the s

N4A3

EFFICIENT 13 SEER AIR CONDITIONER ENVIRONMENTALLY SOUND R-410A REFRIGERANT

1¹/₂ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Scroll compressors on all models
- · Filter-drier supplied with every unit for field installation
- Copper tube/aluminum fin coil

EASY TO INSTALL AND SERVICE

- Easy access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- Baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fins
- Coated, weather-resistant cabinet screws
- Coated inlet grille with 2" (51mm) spacing standard, alternate models available with 3/8" (10mm) spacing for extra protection (hail guard)

WARRANTY*

- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFO	ORMAN	CE DATA					
Model	Size	Nominal	Min. Circuit	Max. Fuse	Operating Dimensions	Ship / Operating	Notes
Number	(tons)	Btu/hr	Ampacity	or Breaker	height x width x depth in. (mm)	Weight Ibs. (kg)	Notes
N4A318AKB	11⁄2	18,000	11.8	20	25-5/16 x 23-1/2 x 23-1/2	130 / 107	
N4A318GKB	same mo	del with 3/8"	(10mm) spacing	grille (hail guard)	(643 x 597 x 597)	(59 / 49)	
N4A324AKB	2	24,000	17.6	25	25-5/16 x 23-1/2 x 23-1/2	134 / 110	
N4A324GKB	same mo	odel with 3/8"	(10mm) spacing	grille (hail guard)	(643 x 597 x 597)	(61 / 50)	
N4A330AKC	21/2	30,000	16.8	25	28-11/16 x 23-1/2 x 23-1/2	136 / 111	
N4A330GKC	same mo	del with 3/8"	(10mm) spacing	grille (hail guard)	(729 x 597 x 597)	(62 / 50)	
N4A336AKB	3	36,000	21.5	30	31-13/16 x 25-3/4 x 25-3/4	170 / 141	
N4A336GKB	same mo	odel with 3/8"	(10mm) spacing	grille (hail guard)	(808 x 654 x 654)	(77 / 64)	
N4A342AKA	31⁄2	42,000	23.5	40	32-5/16 x 31-3/16 x 31-3/16	208 / 180	
N4A342GKA	same mo	del with 3/8"	(10mm) spacing	grille (hail guard)	(821 x 792 x 792)	(94 / 82)	
N4A348AKB	4	48,000	26.2	40	35-3/4 x 31-3/16 x 31-3/16	216 / 179	
N4A348GKB	same mo	del with 3/8"	(10mm) spacing	grille (hail guard)	(908 x 792 x 792)	(98 / 81)	
N4A360AKC	5	60,000	34.2	50	25-1/2 x 31-3/16 x 31-3/16	218 / 184	
N4A360GKC	same mo	del with 3/8"	(10mm) spacing	grille (hail guard)	(648 x 792 x 792)	(99 / 84)	







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

• Factory charged with R-410A refrigerant **BUILT TO LAST** · All chasis panels powder coat painted on both sides

• Pre-painted, epoxy-phenolic fins

FOR COASTAL APPLICATIONS 1¹/₂ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT · Scroll compressors on all models

· Copper tube / aluminum fin coil EASY TO INSTALL AND SERVICE · Easy access service valves on all models · External high and low refrigerant service ports · Only two screws to access control panel

- Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) grille spacing for extra protection (hail guard)

WARRANTY*

- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)

EFFICIENT 13 SEER AIR CONDITIONER

ENVIRONMENTALLY SOUND R-410A REFRIGERANT

- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)

* Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFO	UNIT PERFORMANCE DATA										
Model Number	Size (tons)		Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth in. (mm)	Ship / Operating Weight lbs. (kg)	Notes				
N4A318CKA		18,000	11.7	20	31-13/16 x 25-3/4 x 25-3/4 (809 x 654 x 654)	159 / 128 (72 / 58)					
N4A324CKA	2	24,000	17.6	30	35-1/4 x 25-3/4 x 25-3/4 (895 x 654 x 654)	167 / 133 (76 / 60)					
N4A330CKA	21⁄2	30,000	18.7	30	32-5/16 x 31-3/16 x 31-3/16 (821 x 793 x 793)	193 / 155 (88 / 70)					
N4A336CKA	3	36,000	21.9	35	39-1/8 x 31-3/16 x 31-3/16 (994 x 793 x 793)	205 / 167 (93 / 76)					
N4A342CKA	31⁄2	42,000	26.0	40	28-15/16 x 35 x 35 (735 x 889 x 889)	225 / 188 (102 / 85)					
N4A348CKA	4	48,000	28.4	40	32-5/16 x 35 x 35 (821 x 889 x 889)	235 / 197 (107 / 89)					
N4A360CKA	5	60,000	34.1	50	28-15/16 x 35 x 35 (735 x 889 x 889)	267 / 227 (121 / 103)					

· Filter-drier supplied with every unit for field installation



N4A3**





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org

EFFICIENT 13 SEER AIR CONDITIONER ENVIRONMENTALLY SOUND R-410A REFRIGERANT

1¹/₂ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Scroll compressors on all models
- Copper tube/aluminum fin coil

EASY TO INSTALL AND SERVICE

- Easy access service valves on all models
- · External high and low refrigerant service ports
- · Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- · Pre-painted cabinet finish over galvanized steel
- · Post-painted (black) coil fins

• Coated inlet grille with 2" (51mm) spacing standard, alternate models available with 3/8" (10mm) spacing for extra protection (hail guard)

WARRANTY*

- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)
 - With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFO	ORMAN	CE DATA					
Model	Size	Nominal	Min. Circuit	Max. Fuse	Operating Dimensions	Ship / Operating	Notes
Number	(tons)	Btu/hr	Ampacity	or Breaker	height x width x depth in. (mm)	Weight Ibs. (kg)	Notes
R4A318AKA	11⁄2	18,000	11.7	20	24-13/16 x 23-1/8 x 23-1/8	120 / 104 (54 / 47)	
R4A318GKA	same mo	del with 3/8"	(10mm) spacing	grille (hail guard)	(630 x 587 x 587)	124 / 108 (56 / 49)	
R4A324AKA	2	24,000	17.6	30	24-13/16 x 23-1/8 x 23-1/8	123 / 107 (56 / 49)	
R4A324GKA	same mo	del with 3/8"	(10mm) spacing	grille (hail guard)	(630 x 587 x 587)	127 / 111 (58 / 50)	
R4A330AKA	21/2	30,000	16.8	25	28-7/16 x 23-1/8 x 23-1/8	126 / 110 (57 / 50)	
R4A330GKA	same mo	del with 3/8"	(10mm) spacing	grille (hail guard)	(722 x 587 x 587)	130 / 114 (59 / 52)	
R4A336AKC	3	36,000	19	30	35-3/16 x 23-1/8 x 23-1/8	142 / 128 (65 / 58)	
R4A336GKC	same mo	del with 3/8"	(10mm) spacing	grille (hail guard)	(894 x 587 x 587)	147 / 133 (67 / 61)	
R4A342AKA	31⁄2	42,000	23.5	40	31-13/16 x 31-3/16 x 31-3/16	178 / 164 (81 / 74)	
R4A342GKA	same mo	del with 3/8"	(10mm) spacing	grille (hail guard)	(808 x 792 x 792)	186 / 172 (85 / 78)	
R4A348AKC	4	48,000	24.9	40	35-3/16 x 31-3/16 x 31-3/16	187 / 174 (85 / 79)	
R4A348GKC	same mo	del with 3/8"	(10mm) spacing	grille (hail guard)	(894 x 792 x 792)	197 / 183 (90 / 82)	
R4A360AKC	5	60,000	29	50	28-7/16 x 31-3/16 x 31-3/16	210 / 195 (96 / 89)	
R4A360GKC	same mo	del with 3/8"	(10mm) spacing	grille (hail guard)	(722 x 792 x 792)	218 / 203 (99 / 92)	

CERTIFIED



R2A3**GKR

AIR CONDITIONER COMPONENT

1¹/₂ THRU 5 TONS 208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Scroll compressors on all models
- Compressors contain proper charge of mineral oil
- Copper tube/aluminum fin coil

EASY TO INSTALL AND SERVICE

- Easy access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with dry nitrogen holding charge
- For use with R-22 refrigerant

BUILT TO LAST

- Pre-painted cabinet finish over galvanized steel
- Post-painted (black) coil fins
- Coated inlet grille with with 3/8" (10mm) spacing for extra protection (hail guard)

WARRANTY*

- 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFORMANCE DATA											
Model Number	Size (tons)		Min. Circuit Ampacity	Max. Fuse or Breaker	height x width x depth in.	Ship / Operating Weight Ibs. (kg)	Notes				
R2A318GKR	1½	18,000	10.90	15	24-13/16 x 23-1/8 x 23-1/8 (630 x 587 x 587)	120 / 109 (54 / 49)					
R2A324GKR	2	24,000	14.00	20	28-7/16 x 23-1/8 x 23-1/8 (722 x 587 x 587)	124 / 113 (56 / 51)					
R2A330GKR	21⁄2	30,000	17.70	30	28-7/16 x 23-1/8 x 23-1/8 (722 x 587 x 587)	127 / 117 (58 / 53)					
R2A336GKR	3	36,000	20.40	30	24-13/16 x 31-3/16 x 31-3/16 (630 x 792 x 792)	158 / 141 (72 / 64)					
R2A342GKR	31⁄2	42,000	25.40	40	31-13/16 x 31-3/16 x 31-3/16 (808 x 792 x 792)	188 / 172 (85 / 78)					
R2A348GKR	4	48,000	26.70	40	42 x 31-3/16 x 31-3/16 (1067 x 792 x 792)	210 / 184 (95 / 84)					
R2A360GKR	5	60,000	33.00	50	35-3/16 x 31-3/16 x 31-3/16 (894 x 792 x 792)	230 / 217 (104 / 98)					





HC4A3

R-410A Ducted Horizontal Air Conditioner ENVIRONMENTALLY SOUND R-410A REFRIGERANT

1¹/₂ THRU 5 TONS 208 / 230 Volt, 1-phase

ENERGY EFFICIENCY

• 13 - 14.5 SEER/11 - 12 EER SOUND

- Levels as low as 70 dBA **DESIGN FEATURES**
- Matched with ducted indoor units
- · Ideal for multi-family use
- Small footprint "stackable"
- Weather-resistant cabinet
 - All steel cabinet construction
 - Baked on powder paint
 - Mesh coil guard

RELIABILITY, QUALITY, AND TOUGHNESS

- Scroll compressor
- · Factory-supplied filter drier
- Factory installed crankcase heater on 21/2 through 5 ton models
- High pressure switch
- Line lengths up to 200 feet (61m) (see Long Line Application Guideline)
- 65 foot (20m) lift (see Long Line Application Guideline)
- Low ambient operation (down to -20°F/-28.9°C) with low ambient accessories
- Installation as close as 6 inches (25mm) from wall
 WARRANTY*
- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFORMANCE DATA										
Model Number	Voltage	Size (tons)	Nominal Btu/hr	Operating Weight Ibs. (kg)	Notes					
HC4A318AKA		1½	18,000	155 (70)						
HC4A324AKA		2	24,000	180 (82)						
HC4A330AKA	208/230	21/2	30,000	200 (91)						
HC4A336AKA	200/230	3	36,000	218 (99)						
HC4A348AKA		4	48,000	284 (129)						
HC4A360AKA		5	60,000	294 (134)						





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

CERTIFIED

This product has been designed and manufactured to meet ENERGY STAR citeria for energy efficiency when matched with appropriate coil components. However, proper refrigerant charge and proper air flow are critical to achieve rated capacity and efficiency. Hatalation of this product should follow the manufacturer's refrigerant charging and air flow instructions. Failure to confirm proper charge and airflow may reduce energy efficiency and shoten equipment life.

DLC4(A/H) - Outdoor DLF4(A/H) - Indoor

DUCT FREE SPLIT SYSTEM HIGH WALL, R-410A Efficient Up to 22 Seer Air Conditioners and 10 HSPF Heat Pumps 3/4 THRU 3 TONS

- · Inverter driven compressors in all models
- Wireless remote standard for enhanced functionality
- Timer
- Sleep mode
- Diagnostics
- Auto-Swing louvers
- Low ambient cooling feature allows safe cooling mode operation down to 5° F (-15° C) on size 12K-30K 230 Volt models
- Compressor lockout protection
- 115 volt on 3/4 and 1 ton models
- Factory charged with R-410A refrigerant
- 7 year limited compressor, 5 year limited coil and parts warranties*
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

1 December 1		-		
	1			
1.1.1				-
4			-	- H
				- 11
		7		
		1		
				1000





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

			ERFURMANCE DATA	
		Ai	r Conditioners	
Outdoor Section		Size (tone)	Dimensions W x H x D in. (mm)	Notes
	Indoor Section	Size (tons)		Notes
DLC4AV09J1A		3/4	33.4 x 21.3 x 12.6 (848 x 541 x 320)	
	DLF4AH09J1A	3/4	33.3 x 10.7 x 7.1 (846 x 272 x 180)	
DLC4AV12J1A		1	33.4 x 21.3 x 12.6 (848 x 541 x 320)	
	DLF4AH12J1A	1	33.3 x 10.7 x 7.1 (846 x 272 x 180)	
DLC4AV12K1A		1	33.4 x 21.3 x 12.6 (848 x 541 x 320)	
	DLF4AH12K1A	1	33.3 x 10.7 x 7.1 (846 x 272 x 180)	
DLC4AV18K1A		1-1/2	37.6 x 27.6 x 15.6 (955 x 701 x 396)	
	DLF4AH18K1A	1-1/2	37 x 11.7 x 7.9 (940 x 297 x 201)	
DLC4AV24K1A		2	38.66 x 31.1 x 16.8 (980 x 790 x 427)	
	DLF4AH24K1A	2	39.7 x 12.4 x 8.6 (1008 x 315 x 218)	
DLC4AV36K1A		3	38.6 x 31.1 x 16.8 (980 x 790 x 427)	
	DLF4AH36K1A	3	53.1 x 12.80 x 10 (1349 x 325 x 254)	

	Heat Pumps				
Outdoor Section		Size (tons)	Dimensions W x H x D in. (mm)	Notes	
	Indoor Section	SIZE (10115)		Notes	
DLC4HV09J1A		3/4	33.4 x 21.3 x 12.6 (848 x 541 x 320)		
	DLF4HH09J1A	3/4	33.3 x 10.7 x 7.1 (846 x 272 x 180)		
DLC4HV12J1A		1	33.4 x 21.3 x 12.6 (848 x 541 x 320)		
	DLF4HH12J1A	1	33.3 x 10.7 x 7.1 (846 x 272 x 180)		
DLC4HV12K1A		1	33.4 x 21.3 x 12.6 (848 x 541 x 320)		
	DLF4HH12K1A	1	33.3 x 10.7 x 7.1 (846 x 272 x 180)		
DLC4HV18K1A		1-1/2	37.6 x 27.6 x 15.6 (955 x 701 x 396)		
	DLF4HH18K1A	1-1/2	37 x 11.7 x 7.9 (940 x 297 x 201)		
DLC4HV24K1A		2	38.66 x 31.1 x 16.8 (980 x 790 x 427)		
	DLF4HH24K1A	2	39.7 x 12.4 x 8.6 (1008 x 315 x 218)		
DLC4HV30K1A		2-1/2	38.6 x 31.1 x 16.8 (980 x 790 x 427)		
	DLF4HH30K1A	2-1/2	53.1 x 12.80 x 10 (1349 x 325 x 254)		
DLC4HV36K1A		3	38.6 x 31.1 x 16.8 (980 x 790 x 427)		
	DLF4HH36K1A	3	53.1 x 12.80 x 10 (1349 x 325 x 254)		

Specifications subject to change without notice.

DFC4(A/H)3 - Outdoor DFF4(A/H)H - Indoor

DUCT FREE SPLIT SYSTEM HIGH WALL Efficient 13 Seer Air Conditioners and 7.7 HSPF Heat Pumps 3/4 THRU 2 TONS

- · Rotary compressors in all models
- Wireless remote for enhanced functionality
- · Programmable time/temperature settings
- Sleep mode
- · Diagnostics
- Low ambient cooling feature allows safe cooling mode operation down to -20° F outdoor ambient
- Auto-Swing louvers
- Compressor lockout protection
- 115 volt on 3/4 and 1 ton models
- · Factory charged with R-410A refrigerant
- 5 year limited compressor, 5 year limited coil and parts warranties*
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete detail



Use of the AHRI Certified TM Mark



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

	UNIT PERFORMANCE DATA				
Air Conditioners					
		Model Number			
Outdoor Section	Size (tons)	Dimensions W x H x D in. (mm)	Notes		
Indoor Section	312e (10115)		Notes		
DFC4A309J1B	3/4	30.71 x 21.26 x 10.87 (780 x 540 x 276)			
DFF4AH09J1A	3/4	32.09 x 11.02 x 7.68 (815 x 280 x 195)			
DFC4A312J1B	1	29.92 x 23.23 x 11.42 (760 x 590 x 290)			
DFF4AH12J1B	1	35.67 x 11.26 x 9.25 (906 x 286 x 235)			
DFC4A318K1B	1-1/2	33.07 x 27.36 x 13.19 (840 x 695 x 335)			
DFF4AH18K1A	1-1/2	49.21 x 12.80 x 9.06 (1250 x 325 x 230)			
DFC4A324K1A	2	31.16 x 33.86 x 13.11 (893 x 860 x 333)			
DFF4AH24K1A	2	49.21 x 12.80 x 9.06 (1250 x 325 x 230)			

	Heat Pumps				
Model Number					
Outdoor Section	Size (tons)	Dimensions W x H x D in. (mm)	Notes		
Indoor Section	5126 (10115)		Notes		
DFC4H309J1B	3/4	30.71 x 21.26 x 10.87 (780 x 540 x 276)			
DFF4HH09J1A	3/4	32.09 x 11.02 x 7.68 (815 x 280 x 195)			
DFC4H312J1B	1	29.92 x 23.23 x 11.42 (760 x 590 x 290)			
DFF4HH12J1A	1	35.67 x 11.26 x 9.25 (906 x 286 x 235)			
DFC4H318K1A	1-1/2	33.07 x 27.36 x 13.19 (840 x 695 x 335)			
DFF4HH18K1A	1-1/2	49.21 x 12.80 x 9.06 (1250 x 325 x 230)			
DFC4H324K1A	2	31.16 x 33.86 x 13.11 (893 x 860 x 333)			
DFF4HH24K1A	2	49.21 x 12.80 x 9.06 (1250 x 325 x 230)			

Specifications subject to change without notice.

Accessories Residential Air Conditioners

	HSA6, HXA6, H4A3, NXA6, N4A3, R4A3 (R- 41	0A Air (Conditioner)	
Part Number	Description	U	lsed On Model Size	Notes
		H4A3	42, 48, 60	
		HSA6	42, 48, 60	
NASA001CH			42, 48, 49, 60, 61	
NASAUUTCH	Crankcase Heater for Scroll Compressor (208/230 V)	N4A3	36, 42, 48, 60	
		NXA6	42, 48, 49, 60, 61	
		R4A3	36, 42, 48, 60	
		H4A3	18, 24, 30, 36	
		HSA6	18, 24, 30, 36	
NASA003CH	Crankcase Heater for Scroll Compressor (208/230 V)	HXA6	18, 24, 30, 36	
NASA003CH	(factory installed on some models)	N4A3	18, 24, 30	
		NXA6	18, 24, 30, 36	
		R4A3	18, 24, 30	
NASA003SC	Hard Start Kit	R4A3	18, 24, 36, 42, 48	
		R4A3	30, 60	
		HXA6 H4A4		
NASA005SC	Hard Start Kit		ALL	
		H4A3	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
		N4A3		
NASA014SC	Hard Start Kit	HSA6	ALL	
TSTAT0101SC	Observer Self Configuring Communication Wall Control	HSA6	ALL	
	Sound Jacket, Compressor	N4A3	18, 24, 30, 36, 42, 48	
NASA001SJ	(factory installed on some models)	NXA6	18, 24, 30, 36, 42, 48, 49	
		R4A3 N4A3	18, 24, 30, 36, 42, 48	
	Sound Jacket, Compressor (factory installed on some models)		60	
NASA003SJ			60, 61	
		R4A3	60	
NAEA40501TX	TXV Kit, R-410A - 2010 and later Piston Coils	ALL	18, 24, 30	
NAEA40601TX	TXV Kit, R-410A - 2010 and later Piston Coils	ALL	36, 42	
NAEA40701TX	TXV Kit, R-410A - 2010 and later Piston Coils	ALL	48, 49, 60, 61	
EBAC05TXVX	TXV Kit, R-410A - 2005-2009 R-22 TXV Fancoils (air handlers)	ALL	18, 24, 30	
EBAC06TXVX	TXV Kit, R-410A - 2005-2009 R-22 TXV Fancoils (air handlers)	ALL	36, 42	
EBAC07TXVX	TXV Kit, R-410A - 2005-2009 R-22 TXV Fancoils (air handlers)	ALL	48, 49, 60, 61	
NASA001SC	Start Component - PTC Device		ALL	
NASA001FS	Evaporator Freeze Thermostat	1	ALL	
NASA403PS	Low Pressure Switch, AC, R-410A	1	ALL	
NASA404PS	(factory installed on some models) High Pressure Switch, AC or HP, R-410A (factory installed on some models)		ALL	
NASA401LS	Liquid Line Solenoid Valve, R-410A		ALL	
		+	ALL	
NASA001TD	Time Delay Relay, Indoor Blower		ALL	

continued on next page

Residential Air Conditioners (continued)

	HSA6, HXA6, H4A3, NXA6, N4A3, R4A3 (R-41)	OA Air Conditioner)	
Part Number	Description	Used On Model Size	Notes
NASA00201WS	Winter Start Control	ALL	
NASA001AC	Anti-Cycle Timer (5 minute delay)	ALL	
NASA401LA	Low Ambient Pressure Switch	ALL	
NASA001SF	Support Feet, 4" (102mm) tall	ALL	
	HCA9, HCA7 (R-410A 2-Stage Communicating	g Air Conditioner)	
Part Number	Description	Used On Model Size	Notes
TSTAT0101SC	Observer Self Configuring Communication Wall Control	ALL	
NASA401LS	Liquid Line Solenoid Valve, R-410A	ALL	
NASA001TD	Time Delay Relay, Indoor Blower	ALL	
NASA001SF	Support Feet, 4" (102mm) tall	ALL	
NASA012SC	Hard Start Kit	24 - 36	
NASA015SC	Hard Start Kit	48 - 60	
NASA001FS	Evaporator Freeze Thermostat	ALL	
NASA00201WS	Winter Start Control	ALL	
NASA401LA	Low Ambient Pressure Kit	ALL	
NASA01001CH	Crankcase Heater for Scroll Compressor (208/230 V)	24, 36	

SOME MODELS MAY BE FACTORY INSTALLED. REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

Residential Air Conditioner Component

	R2A3**GKR		
(Fa	ctory charged with dry nitrogen holding charge - for use v	with R-22 refrigerant)	
Part Number	Description	Used On Model Size	Notes
NASA001CH	Crankcase Heater for Compressor	42, 48, 60	
NASA003CH	Crankcase Heater for Compressor	18, 24, 30, 36	
NASA003SC	Hard Start Kit	18, 24, 36, 42, 48	
NASA005SC	Hard Start Kit	30, 60	
NASA001SJ	Sound Jacket, Compressor (factory installed on some models)	18, 24, 30, 36, 42, 48	
NASA003SJ	Sound Jacket, Compressor (factory installed on some models)	60	
AMF153TKB	TXV Kit, R-22 (converts R-22 piston coils to R-22 TXV)	18, 24, 30, 36	
AMF355TKB	TXV Kit, R-22 (converts R-22 piston coils to R-22 TXV)	42, 48, 60	
NASA001SC	Start Component - PTC Device	ALL	
NASA001FS	Evaporator Freeze Thermostat	ALL	
NASA201PS	Low Pressure Switch	ALL	
NASA203PS	Low Pressure Switch	ALL	
NASA204PS	High Pressure Switch	ALL	
NASA201LS	Liquid Line Solenoid Valve	ALL	
NASA001TD	Time Delay Relay, Indoor Blower	ALL	
NASA001WS	Winter Start Control	ALL	
NASA001AC	Anti-Cycle Timer (5 minute delay)	ALL	
NASA201LA	Low Ambient Pressure Switch	ALL	
NASA001SF	Support Feet, 4" (102mm) tall		

Residential Ducted Horizontal Air Conditioners

	HC4A3 (R-410A Air Condi	itioner)	
Part Number	Description	Used On Model Size	Notes
NASA001TD	TIME DELAY KIT	All	
EBAC05TXVX	TXV KIT, R-410A	18, 24, 30	
EBAC06TXVX	2005-2009 R-22 TXV	36	
EBAC07TXVX	Fan coils (air handlers)	48	
EBAC08TXVX	Fair cons (air fiandlers)	60	
NAEA40501TX		18, 24, 30	
NAEA40601TX	TXV KIT, R-410A 2010 and later Piston coils	36	
NAEA40701TX	2010 and later Piston cons	48	
NASA402LA	LOW AMBIENT KIT	All	
NASA001FS	FRZ THERM KIT	All	
NASA001WS	WINTER ST KIT	All	
NASA001CH	CRANKCASE HEATER KIT	48*, 60*	
NASA003CH	CRANKCASE HEATER KIT	18, 24, 30*, 36*	
NASA001SJ	SOUND JACKET KIT	48, 60	
NASA002SJ	SOUND JACKET KIT	18, 24, 30, 36	
NASA001LS	SOL VALVE KIT	All	
NASA001SC	PTC KIT		
NASA003SC	HARD START KIT	All	
NASA001AC	CYCLE PROTECTOR KIT	All	
NASA00101WB	WIND BAFFLE KIT	18	
NASA00201WB	WIND BAFFLE KIT	24	
NASA00301WB	WIND BAFFLE KIT	30, 36	
NASA00401WB	WIND BAFFLE KIT	48, 60	
NASA00101SG	STACKING KIT	18, 24	
NASA00201SG	STACKING KIT	30, 36, 48, 60	
NASA00101WM	WALL MOUNT KIT	18, 24	
NASA00201WM	WALL MOUNT KIT	30, 36, 48, 60	

*Factory Installed

Accessories High Wall Mini-Splits, R-410A

DFC4(A/H)3, DFF4(A/H)H						
Part Number	Description	Used On Model Size	Notes			
NADA001DK	Condensate Pump	9, 12				
NADA002DK	Condensate Pump	18, 24				
NADA002LA	Low Ambient Kit *	ALL				
NADA003CH	Crankcase Heater (120V)	9, 12				
NADA004CH	Crankcase Heater (240V)	18, 24				
1173540	Isolation Relay (120V) *	9, 12				
1174662	Isolation Relay (240V) *	18, 24				

* When Low Ambient Kit is used with Heat Pump, additional Isolation Relay is required.

DLC4(A/H), DLF4(A/H)						
Part Number	Description	Used On Model Size	Notes			
NADA001DK	Condensate Pump (115V)	9, 12				
NADA002DK	Condensate Pump (230V)	12, 18, 24				
NADA003DK	Condensate Pump (230V)	30, 36				

HCH9

HIGH EFFICIENCY UP TO 19 SEER TWO-STAGE HEAT PUMP WITH OBSERVER™ COMMUNICATING CONTROL SYSTEM

2 THRU 5 TONS SPLIT SYSTEM

208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Copeland Scroll® UltraTech® compressors on all models
- Crankcase heater factory installed
- · Suction line accumulator factory installed
- · Bi-flow filter-drier supplied with every unit for field installation
- · Integrated solid state control with Time-Temperature Defrost
- High and low pressure switches
- Discharge gas thermostat
- Copper tube/aluminum fin coil

PERFORMANCE

- Communicating, self-configuring operation when used with Observer Wall Control (TSTAT0101SC)
- Outdoor temperature sensor factory installed
- Ball bearing ECM fan motors on all models
- High performance compressor sound shield standard
- Isolation compressor grommets

EASY TO INSTALL AND SERVICE

- · Text based diagnostics with Observer communicating wall control
- · Only two control wires required from communicating indoor unit to condenser
- · Easy access service valves on all models
- · Innovative control box design
- · External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- High gloss, baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fins
- · Coated, weather-resistant cabinet screws
- · Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)
- Corner Posts for extra strength and style

WARRANTY*

- 10 year No Hassle Replacement™ limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFO	UNIT PERFORMANCE DATA						
Model Number	Size (tons)		Min. Circuit Ampacity		Operating Dimensions height x width x depth in. (mm)	Ship / Operating Weight Ibs. (kg)	Notes
HCH924GKA	2	24,000	17.6	25	40-1/8 x 35 x 35 (1019 x 889 x 889)	309 / 266 (140 / 121)	
HCH936GKA	3	36,000	24.8	40	43-1/2 x 35 x 35 (1105 x 889 x 889)	328 / 283 (149 / 128)	
HCH948GKA	4	48,000	35.4	50	46-7/8 x 35 x 35 (1191 x 889 x 889)	365 / 319 (166 / 145)	
HCH960GKA	5	60,000	38.4	60	46-7/8 x 35 x 35 (1191 x 889 x 889)	365 / 320 (166 / 145)	



TSTAT0101SC Recommended (sold separately)





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.





This product has been designed and manufactured to meet INERGY STAR actirat for energy efficiency when matched with appropriate coil components. However, proper refrigerant charge and proper air flow are exitical to achieve rated capacity and efficiency. Installation of this protons should think the installation active as the control of the start of the start of the protons and the start of the start of the start of the shorten equipment life.

HCH6

HIGH EFFICIENCY UP TO 16 SEER TWO-STAGE HEAT PUMP WITH OBSERVER™ COMMUNICATING CONTROL SYSTEM

2 THRU 5 TONS SPLIT SYSTEM

208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Copeland Scroll® UltraTech® compressors on all models
- Crankcase heater factory installed
- Suction line accumulator factory installed
- Bi-flow filter-drier supplied with every unit for field installation
- · Integrated solid state control with Time-Temperature Defrost
- High and low pressure switches
- Discharge gas thermostat
- Copper tube/aluminum fin coil

PERFORMANCE

- Communicating, self-configuring operation when used with Observer Wall Control (TSTAT0101SC)
- Outdoor temperature sensor factory installed
- Ball bearing PSC fan motors on all models
- High performance compressor sound shield standard
- Isolation compressor grommets

EASY TO INSTALL AND SERVICE

- Text based Diagnostics with Observer communicating wall control
- Only two control wires required from communicating indoor unit to condenser
- · Easy Access service valves on all models
- Innovative control box design
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- High gloss, baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fins
- Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)
- Corner posts for extra strength and style

WARRANTY*

- 10 year No Hassle Replacement[™] limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFORMANCE DATA										
Model	Size	Nominal	Min. Circuit	Max. Fuse	Operating Dimensions	Ship / Operating	Notes			
Number	(tons)	Btu/hr	Ampacity	or Breaker	height x width x depth in. (mm)	Weight Ibs. (kg)	NOLES			
HCH624GKA	2	24,000	16.2	25	40-1/8 x 35 x 35	292 / 249 (132 / 113)				
NCH024GRA	2	24,000	10.2	25	(1019 x 889 x 889)	2927249 (1327113)				
HCH636GKA	3	36,000	23.7	40	40-1/8 x 35 x 35	313 / 270 (142 / 123)				
	3	30,000	23.1	40	(1019 x 889 x 889)					
HCH648GKA	4	48.000	29.8	50	40-1/8 x 35 x 35	245 / 202 (157 / 127)				
	101040GKA 4 40	40,000	29.0	50	(1019 x 889 x 889)	345 / 302 (157 / 137)				
	F	5 60,000	,000 37.5	60	46-7/8 x 35 x 35	260 / 202 (167 / 147)				
HCH660GKA	5				(1191 x 889 x 889)	369 / 323 (167 / 147)				



TSTAT0101SC Recommended (sold separately)





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.



This product has been designed and manufactured to meet ENERGY STAR criteria for energy efficiency when matched with appropriate coil components. However, proper refrigerant charge and proper air flow are critical to achieve rated capacity and efficiency. Installation of this product should follow the manufacture's refrigerant product should follow the manufacture's refrigerant shorten equipment life.

HSH5

UP TO 15 SEER SINGLE STAGE HEAT PUMP WITH OBSERVER™ COMMUNICATING CONTROL SYSTEM

1¹/₂ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-phase, 60 Hz REFRIGERATION CIRCUIT

- Copeland Scroll® compressors on all models
- Suction line accumulator factory installed
- Bi-flow filter-drier supplied with every unit for field installation
- Integrated solid state control with Time-Temperature Defrost
- External high and low refrigerant service ports
- Copper tube/aluminum fin coil

PERFORMANCE

- Communicating, self-configuring operation when used with Observer wall control (TSTAT0101SC)
- · Outdoor temperature sensor factory installed
- Compressor sound blanket standard
- Isolation compressor grommets

EASY TO INSTALL AND SERVICE

- Text based diagnostics with Observer communicating wall control
- · Easy access service valves on all models
- Innovative control box design
- · High and low pressure switches
- Only two screws to access control panel
- · Factory charged with R-410A refrigerant

BUILT TO LAST

- · High gloss, baked-on powder coat finish over galvanized steel
- · Post-painted (black) coil fins
- · Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)
- Corner posts for extra strength and style

WARRANTY*

- 5 year No Hassle Replacement™ limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)

* Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFC	UNIT PERFORMANCE DATA										
Model	Size	Nominal	Min. Circuit	Max. Fuse	Operating Dimensions	Ship / Operating	Notes				
Number	(tons)	Btu/hr	Ampacity	or Breaker	height x width x depth in. (mm)	Weight Ibs. (kg)	Notes				
HSH518GKA	1½	18,000	11.8	20	28-9/16 x 31-3/16 x 31-3/16 (726 x 792 x 792)	219 / 184 (99 / 83)					
HSH524GKA	2	24,000	16.5	25	33-5/16 x 35 x 35	257 / 215 (117 / 98)					
HSH524HKA	2	24,000	19.9	30	(846 x 889 x 889)	2577215(117796)					
HSH530GKA	21⁄2	30,000	18.1	30	33-5/16 x 35 x 35	259 / 218 (117 / 99)					
HSH530HKA	21⁄2	30,000	18.1	30	(846 x 889 x 889)	2597210(117799)					
HSH536GKA	3	36,000	22.1	35	36-11/16 x 35 x 35	273 / 230 (124 / 104)					
HSH536HKA	3	36,000	22.1	35	(932 x 889 x 889)	2737230 (1247104)					
HSH542GKA	31⁄2	42,000	27.6	40	29-7/8 x 35 x 35	305 / 263 (135 / 119)					
HSH542HKA	31⁄2	42,000	26.1	40	(760 x 889 x 889)	3057203 (1357119)					
HSH548GKA	4	48,000	28.5	40	33-5/16 x 35 x 35 (846 x 889 x 889)	323 / 279 (146 / 126)					
HSH548HKA	4	48,000	29.6	50	40-1/8 x 35 x 35	325 / 281 (147 / 128)					
HSH560GKA	5	60,000	34.2	50	(1019 x 889 x 889)	357 / 314 (162 / 142)					



TSTAT0101SC Recommended (sold separately)







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

Energy ENERGY STAR PARTNER

This product has been designed and manufactured to neet INERGY STA criteria for energy efficiency when natched with appropriate coil components. However, proper effigerant charge and proper air flow are critical to achieve ated capacity and efficiency. Installation of this product hould follow the manufacturers refigerant charging and air cow instructions. Failure to confirm proper charge and ifow may reduce energy efficiency and shorten equipment thow may reduce and engineers the short of the section of the prosent section.

HXH5

HIGH EFFICIENCY UP TO 15 SEER HEAT PUMP ENVIRONMENTALLY SOUND R-410A REFRIGERANT

1¹/₂ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-phase, 60 Hz REFRIGERATION CIRCUIT

- · Copeland Scroll® compressors on all models
- Suction line accumulator factory installed
- · Bi-flow filter-drier included for field installation
- Integrated solid state control with Time-Temperature Defrost
- · High and low pressure switches
- Copper tube / aluminum fin coil

PERFORMANCE

- · 2-speed Fan Motors factory wired on all models
- Compressor Sound Jacket standard

EASY TO INSTALL AND SERVICE

- Comfort Alert[™] Diagnostics device on all models
- Easy access service valves on all models
- Innovative control box design
- · External high and low refrigerant service ports
- Fan motor in-line disconnect plug
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- High gloss, baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fins
- · Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)
- · Corner posts for extra strength and style

WARRANTY*

- 5 year No Hassle Replacement™ limited warranty
- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)

* Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

Size	Nominal	Min. Circuit			Ship / Operating	Notes				
(tons)	Btu/hr	Ampacity	or Breaker	height x width x depth in. (mm)	Weight lbs. (kg)	Notes				
1-1/2	18,000	11.8	20	28-9/16 x 31-3/16 x 31-3/16	207 / 196 (94 / 77)					
2	24,000	16.5	25		233 / 200 (106 / 91)					
-	,			(846 x 889 x 889)	(
2 1/2	20.000	10 1	20	33-5/16 x 35 x 35	242 / 106 /110 / 90)					
2-1/2	30,000	10.1	30	(846 x 889 x 889)	242/190(110/09)					
0	00.000	00.4	05	36-11/16 x 35 x 35	267 / 246 /447 / 00)					
3	36,000	22.1	35	(932 x 889 x 889)	257 / 215 (117 / 98)					
0	20,000	22.0	25	36-3/4 x 35 x 35	207 / 255 /425 / 440)					
3	36,000	22.0	35	(932 x 889 x 889)	297 / 255 (135 / 116)					
0.4/0	40.000	07.0	40	29-7/8 x 35 x 35	200 / 245 /422 / 444					
3-1/2	42,000	27.0	40	(760 x 889 x 889)	290 / 245 (132 / 111)					
4	40.000	00 F	40	29-7/8 x 35 x 35	202 / 202 / 427 / 440)					
3GKA 4 48,000		28.5	40	(760 x 889 x 889)	3037260 (1377118)					
F	60.000	24.0	50	40-1/8 x 35 x 35	245 / 204 /457 / 422)					
Э	00,000	J4.Z		(1019 x 889 x 889)	345 / 294 (157 / 133)					
	Size (tons)	Size Nominal Btu/hr 1-1/2 18,000 2 24,000 2-1/2 30,000 3 36,000 3-1/2 42,000 4 48,000	Size (tons) Nominal Btu/hr Min. Circuit Ampacity 1-1/2 18,000 11.8 2 24,000 16.5 2-1/2 30,000 18.1 3 36,000 22.1 3 36,000 22.0 3-1/2 42,000 27.6 4 48,000 28.5	Size (tons) Nominal Btu/hr Min. Circuit Ampacity Max. Fuse or Breaker 1-1/2 18,000 11.8 20 2 24,000 16.5 25 2-1/2 30,000 18.1 30 3 36,000 22.1 35 3-1/2 42,000 27.6 40 4 48,000 28.5 40	Size (tons)Nominal Btu/hrMin. Circuit AmpacityMax. Fuse or BreakerOperating Dimensions height x width x depth in. (mm) $1-1/2$ 18,00011.820 $28-9/16 \times 31-3/16 \times 31-3/16 \times (726 \times 793 \times 793))$ 224,00016.525 $33-5/16 \times 35 \times 35 \times (846 \times 889 \times 889))$ 2-1/230,00018.130 $33-5/16 \times 35 \times 35 \times (846 \times 889 \times 889))$ 336,00022.135 $36-11/16 \times 35 \times 35 \times (932 \times 889 \times 889))$ 336,00022.035 $932 \times 889 \times 889)$ 336,00022.035 $932 \times 889 \times 889)$ 3-1/242,00027.640 $29-7/8 \times 35 \times 35 \times (760 \times 889 \times 889))$ 448,00028.540 $29-7/8 \times 35 \times 35 \times (760 \times 889 \times 889))$ 560,00034.250 $40-1/8 \times 35 \times 35$	Size (tons) Nominal Btu/hr Min. Circuit Ampacity Max. Fuse or Breaker Operating Dimensions height x width x depth in. (mm) Ship / Operating Weight lbs. (kg) 1-1/2 18,000 11.8 20 28-9/16 x 31-3/16 x 31-3/16 (726 x 793 x 793) 207 / 196 (94 / 77) 2 24,000 16.5 25 33-5/16 x 35 x 35 (846 x 889 x 889) 233 / 200 (106 / 91) 2-1/2 30,000 18.1 30 33-5/16 x 35 x 35 (846 x 889 x 889) 242 / 196 (110 / 89) 3 36,000 22.1 35 36-11/16 x 35 x 35 (932 x 889 x 889) 257 / 215 (117 / 98) 3 36,000 22.0 35 36-3/4 x 35 x 35 (932 x 889 x 889) 297 / 255 (135 / 116) 3-1/2 42,000 27.6 40 29-7/8 x 35 x 35 (760 x 889 x 889) 290 / 245 (132 / 111) 4 48,000 28.5 40 29-7/8 x 35 x 35 (760 x 889 x 889) 303 / 260 (137 / 118) 5 60,000 34 2 50 40-1/8 x 35 x 35 345 / 294 (157 / 133)				





IIIIIIIIIIIII

IIIIIIIIIIIII

HILLING

Report of the second se



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

H4H3

EFFICIENT 13 SEER HEAT PUMP ENVIRONMENTALLY SOUND R-410A REFRIGERANT

1¹/₂ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Copeland Scroll® compressors on all models
- Suction line accumulator factory installed
- Bi-flow filter-drier included for field installation
- Integrated solid state control with Time-Temperature Defrost
- High and low pressure switches
- Copper tube / aluminum fin coil

PERFORMANCE

- Two-speed fan motors factory wired on all models
- Compressor Sound Jacket standard

EASY TO INSTALL AND SERVICE

- Comfort Alert™ Diagnostics device on all models
- Easy access service valves on all models
- · Innovative control box design
- External high and low refrigerant service ports
- Fan motor in-line disconnect plug
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- High gloss, baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fins
- · Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)
- Corner posts for extra strength and style

WARRANTY*

- 1 year No Hassle Replacement[™] limited warranty
- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)

* Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFC	UNIT PERFORMANCE DATA										
Model	Size	Nominal	Min. Circuit			Ship / Operating	Notes				
Number	(tons)	Btu/hr	Ampacity	or Breaker	height x width x depth in. (mm)	Weight Ibs. (kg)	Notes				
H4H318GKD	1-1/2	18,000	11.9	20	28-9/16 x 31-3/16 x 31-3/16 (726 x 793 x 793)	202 / 167 (92 / 76)					
H4H324GKD	2	24,000	16.7	25	28-9/16 x 31-3/16 x 31-3/16 (726 x 793 x 793)	203 / 167 (92 / 76)					
H4H330GKE	2-1/2	30,000	21.1	30	28-9/16 x 31-3/16 x 31-3/16 (726 x 793 x 793)	180 / 146 (82 / 66)					
H4H336GKE	3	36,000	22.0	35	32 x 31-3/16 x 31-3/16 (813 x 793 x 793)	178 / 152 (81 / 69)					
H4H342GKE	3-1/2	42,000	25.7	40	28-9/16 x 31-3/16 x 31-3/16 (726 x 793 x 793)	229 / 193 (104 / 88)					
H4H348GKE	4	48,000	28.7	50	35-3/8 x 31-3/16 x 31-3/16 (899 x 793 x 793)	251 / 216 (113 / 98)					
H4H360GKD	5	60,000	34.1	50	29-7/8 x 35 x 35 (760 x 889 x 889)	293 / 252 (133 / 114)					



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of

indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

NXH5

HIGH EFFICIENCY UP TO 15 SEER HEAT PUMP ENVIRONMENTALLY SOUND R-410A REFRIGERANT

1¹/₂ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Scroll compressors on all models
- Suction line accumulator factory installed
- Bi-flow filter-drier included for field installation
- Integrated solid state control with Time-Temperature Defrost
- High and low pressure switches
- Copper tube / aluminum fin coil

EASY TO INSTALL AND SERVICE

- Easy Access service valves on all models
- External high and low refrigerant service ports
- · Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- Baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fins
- · Coated, weather-resistant cabinet screws
- · Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)

WARRANTY*

- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFO	RMANC	E DATA						
Model	Size	Nominal	Min. Circuit	Max. Fuse	Operating Dimensions	Ship / Operating	Notes	
Number	(tons)	Btu/hr	Ampacity	or Breaker	height x width x depth in. (mm)	Weight Ibs. (kg)	Notes	
NXH518GKA	11⁄2	18,000	11.8	20	28-15/16 x 31-3/16 x 31-3/16	207 / 169		
	172				(735 x 792 x 792)	(94 / 77)		
NXH524GKA 2	2	24,000	16.5	25	32-5/16 x 35 x 35	233 / 200		
	2	24,000	10.5	25	(821 x 889 x 889)	(106 / 91)		
NXH530GKA	21⁄2	21/ 20.000	30,000	18.1	30	32-5/16 x 35 x 35	242 / 196	
NAR550GKA		30,000	10.1	50	(821 x 889 x 889)	(110 / 89)		
NXH536GKA	3	3 36,000	22.1	35	35-3/4 x 35 x 35	257 / 215		
NAD220GKA	3				(908 x 889 x 889)	(117 / 98)		
NXH537GKA	3	2 20.000	22.1	35	35-3/4 x 35 x 35	297 / 255		
NAD37 GRA	5	36,000	22.1		(908 x 889 x 889)	(135 / 116)		
NXH542GKA	31⁄2	42.000	27.6	40	28-15/16 x 35 x 35	290 / 245		
NAD342GRA	3/2	42,000	27.6	40	(735 x 889 x 889)	(132 / 111)		
	4	49.000	29.5	40	28-15/16 x 35 x 35	303 / 260		
NXH548GKA	4	48,000	28.5	40	(735 x 889 x 889)	(137 / 118)		
	5	5 60.000	24.0	50	39-1/8 x 35 x 35	345 / 294		
NXH560GKA	Э	60,000	34.2	50	(994 x 889 x 889)	(157 / 133)		



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification of certification for individual products, go to www.ahridirectory.org.



US

This product has been designed and manufactured to meet ENERGY STAR citral for energy efficiency when matched with appropriate coil components. However, proper refligerant charge and proper air flow are critical to achieve rated capacity and efficiency. Installation of this product should follow the manufacturer's refligerant charging and air flow instructions. Failure to confirm proper charge and airlow may reduce energy efficiency and shorten equipment.

N4H4

HIGH EFFICIENCY 14 SEER HEAT PUMP ENVIRONMENTALLY SOUND R-410A REFRIGERANT

1¹/₂ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Scroll compressors on all models
- Suction line accumulator factory installed
- Bi-flow filter-drier included for field installation
- Integrated solid state control with Time-Temperature Defrost
- High and low pressure switches
- Copper tube / aluminum fin coil

EASY TO INSTALL AND SERVICE

- · Easy access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- Baked-on powder coat finish over galvanized steel
- Post-painted (black) coil fins
- Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) spacing for extra protection

WARRANTY*

- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFORMANCE DATA									
Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions length x width x height in. (mm)	Operating/Ship Weight Ibs. (kg)	Notes		
N4H418GKF	1½	18,000	11.8	20	23-1/8 x 23-1/8 x 35-1/4 (587 x 587 x 895)	138 / 159 (63 / 72)			
N4H424GKF	2	24,000	17.7	25	31-3/16 x 31-3/16 x 28-15/16 (587 x 587 x 895)	162 / 189 73 / 86)			
N4H430GKF	21⁄2	30,000	20.8	30	31-3/16 x 31-3/16 x 39-1/8 (792 x 792 x 994)	186 / 215 (85 / 98)			
N4H436GKF	3	36,000	20.4	35	31-3/16 x 31-3/16 x 39-1/8 (792 x 792 x 994)	189 / 218 (86 / 99)			
N4H442GKF	31⁄2	42,000	25.7	40	31-3/16 x 31-3/16 x 25-5/16 (792 x 792 x 643)	225 / 250 (102 / 113)			
N4H448GKF	4	48,000	28.7	50	31-3/16 x 31-3/16 x 32-5/16 (792 x 792 x 820)	240 / 273 (110 / 124)			
N4H460GKF	5	60,000	34.1	50	35 x 35 x 28-15/16 (889 x 889 x 735)	250 / 282 (114 / 128)			



indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

EFFICIENT 13 SEER HEAT PUMP ENVIRONMENTALLY SOUND R-410A REFRIGERANT

1¹/₂ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- · Scroll compressors on all models
- · Suction line accumulator factory installed
- Bi-flow filter-drier included for field installation
- Integrated solid state control with Time-Temperature Defrost
- · High and low pressure switches
- · Copper tube / aluminum fin coil

EASY TO INSTALL AND SERVICE

- · Easy access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- · Baked-on powder coat finish over galvanized steel
- · Post-painted (black) coil fins
- · Coated, weather-resistant cabinet screws
- · Coated inlet grille with 2" (51mm) spacing standard, alternate models available with 3/8" (10mm) spacing for extra protection (hail guard)

WARRANTY*

- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFORMANCE DATA										
Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth in. (mm)	Ship / Operating Weight Ibs. (kg)	Notes			
N4H318AKF	1-1/2	18,000	11.80	20	23-1/8 x 23-1/8 x 28-7/16	119/137				
N4H318GKF	same	e model witl	n 3/8" (10mm) s	spacing grille	(587 x 587 x 722)	(54/62)				
N4H324AKF	2	24,000	16.80	25	23-1/8 x 23-1/8 x 31-13/16	124/142				
N4H324GKF	same	e model witl	n 3/8" (10mm) s	spacing grille	(587 x 587 x 808)	(56/65)				
N4H330AKF	2-1/2	30,000	21.10	30	31-3/16 x 31-3/16 x 28-7/16	149/170				
N4H330GKF	same	e model witl	n 3/8" (10mm) s	spacing grille	(792 x 792 x 722)	(68/77)				
N4H336AKF	3	36,000	20.60	35	31-3/16 x 31-3/16 x 31-13/16	169/189				
N4H336GKF	same	e model witl	n 3/8" (10mm) s	spacing grille	(792 x 792 x 808) (78/86)	(78/86)				
N4H342AKF	3-1/2	42,000	23.90	40	31-3/16 x 31-3/16 x 31-13/16	180/200				
N4H342GKF	same	e model witl	n 3/8" (10mm) s	spacing grille	(792 x 792 x 808)	(82/91)				
N4H348AKF	4	48,000	28.70	45	31-3/16 x 31-3/16 x 28-7/16	208/228				
N4H348GKF	same	e model witl	n 3/8" (10mm) s	spacing grille	(792 x 792 x 722)	(96/104)				
N4H360AKF	5	60,000	34.10	50	35 x 35 x 28-15/16	250/282				
N4H360GKF	same	e model witl	n 3/8" (10mm) s	spacing grille	(889 x 889 x 735)	(113/128)				







CERTIFIED,

verification of certification for individual products, go to www.ahridirectory.org

EFFICIENT 13 SEER HEAT PUMP ENVIRONMENTALLY SOUND R-410A REFRIGERANT

FOR COASTAL APPLICATIONS 1¹/₂ THRU 5 TONS SPLIT SYSTEM 208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Scroll compressors on all models
- · Suction line accumulator factory installed
- · Bi-flow filter-drier included for field installation
- · Integrated solid state control with Time-Temperature Defrost
- High and low pressure switches
- Copper tube / aluminum fin coil

EASY TO INSTALL AND SERVICE

- Easy access service valves on all models
- External high and low refrigerant service ports
- Only two screws to access control panel
- · Factory charged with R-410A refrigerant

BUILT TO LAST

- · All chasis panels powder coat painted on both sides
- Pre-painted, epoxy-phenolic fins
- Coated, weather-resistant cabinet screws
- Coated inlet grille with 3/8" (10mm) grille spacing for extra protection (hail guard)

WARRANTY*

- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFO	RMAN	CE DATA					
Model	Size	Nominal	Min. Circuit	Max. Fuse	Operating Dimensions	Ship / Operating	Notes
Number	(tons)	Btu/hr	Ampacity	or Breaker	height x width x depth in. (mm)	Weight Ibs. (kg)	Notes
N4H318CKA		12.5	20	35-3/4 x 31-3/16 x 31-3/16	202 / 173		
11411310CKA 17	1½	18,000	12.5	20	(908 x 792 x 792)	(92 / 79)	
N4H324CKA		16.9	25	35-3/4 x 31-3/16 x 31-3/16	202 / 173		
N4H324CKA 2	24,000	16.8		(908 x 792 x 792)	(92 / 79)		
	21/2	30,000	20.2	30	32-5/16 x 35 x 35	223 / 191	
N4H330CKA	2/2	30,000	20.2		(821 x 889 x 889)	(101 / 87)	
N4H336CKA	3	36,000	22.0	2.0 35	39-1/8 x 35 x 35	224 / 192	
N40330CKA	5	30,000	22.0		(994 x 889 x 889)	(102 / 87)	
N4H342CKA	31⁄2	42,000	27.8	40	32-5/16 x 35 x 35	287 / 255	
114H342CKA	3/2	42,000	27.0	40	(821 x 889 x 889)	(130 / 116)	
N4H348CKA	4	10 000	20.4	40	32-5/16 x 35 x 35	297 / 265	
11411340CKA	4	48,000	28.4	40	(821 x 889 x 889)	(135 / 120)	
N4H360CKA	5	F 60.000	24.4	50	39-1/8 x 35 x 35	319 / 287	
	5	60,000	34.1	50	(994 x 889 x 889)	(145 / 130)	







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

CERTIFIED



Specifications subject to change without notice.

EFFICIENT 13 SEER HEAT PUMP

ENVIRONMENTALLY SOUND R-410A REFRIGERANT

11/2 THRU 5 TONS SPLIT SYSTEM

208 / 230 Volt, 1-phase, 60 Hz REFRIGERATION CIRCUIT

- · Scroll compressors on all models
- · Suction line accumulator factory installed
- Integrated solid state control with Time-Temperature Defrost
- · High and low pressure switches
- Copper tube / aluminum fin coil

EASY TO INSTALL AND SERVICE

- · Easy access service valves on all models
- · External high and low refrigerant service ports
- Only two screws to access control panel
- Factory charged with R-410A refrigerant

BUILT TO LAST

- · Pre-painted cabinet finish over galvanized steel
- · Coated inlet grille with 2" (51mm) spacing standard on even sizes
- Coated inlet grille with 3/8" (10mm) grille spacing standard on odd sizes (available on even sizes)

WARRANTY*

- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFORMANCE DATA										
Model	Size	Nominal	Min. Circuit	Max. Fuse	Operating Dimensions	Operating/Ship	Nataa			
Number	(tons)	Btu/hr	Ampacity	or Breaker	length x width x depth in. (mm)	Weight lbs. (kg)	Notes			
R4H318AKB	11/2	18,000	11.8	20	23-1/8 x 23-1/8 x 28-7/16	113 / 132 (51 / 60)				
R4H318GKB	sa	me model wi	th 3/8" (10mm) s	oacing grille	(587 x 587 x 722)	119 / 137 (54 / 62)				
R4H319GKC	1½	18,000	11.8	20	23-1/8 x 23-1/8 x 35-7/16 (587 x 587 x 894)	134 / 159 (61 / 72)				
R4H324AKB	2	24,000	16.8	25	23-1/8 x 23-1/8 x 31-13/16	117 / 136 (53 / 62)				
R4H324GKB	sa	me model wi	th 3/8" (10mm) s	pacing grille	(587 x 587 x 808)	124 / 142 (56 / 65)				
R4H325GKC	2	24,000	17.7	25	31-3/16 x 31-3/16 x 28-7/16 (792 x 792 x 722)	162 / 189 (73 / 86)				
R4H330AKB	21/2	30,000	21.1	30	31-3/16 x 31-3/16 x 28-7/16	142 / 162 (65 / 74)				
R4H330GKB	same mo	del with 3/8'	' (10mm) spacing	grille (hail guard	(792 x 792 x 722)	149 / 170 (68 / 77)				
R4H331GKC	21⁄2	30,000	20.8	30	31-3/16 x 31-3/16 x 39-1/8 (792 x 792 x 994)	186 / 215 (84 / 98)				
R4H336AKC	3	36,000	20.6	35	31-3/16 x 31-3/16x31-13/16	159 / 180 (72 / 87)				
R4H336GKC	sa	me model wi	th 3/8" (10mm) s	oacing grille	(792 x 792 x 808)	169 / 189 (77 / 86)				
R4H337GKC	3	36,000	20.2	35	31-3/16 x 31-3/16 x 39-1/8 (792 x 792 x 994)	189 / 218 (86 / 99)				
R4H342AKC	31/2	42,000	23.9	40	31-3/16 x 31-3/16x31-13/16	172 / 191 (78 / 87)				
R4H342GKC	sa	me model wi	th 3/8" (10mm) s	pacing grille	(792 x 792 x 808)	180 / 200 (82 / 91)				
R4H343GKC	31⁄2	42,000	26	40	31-3/16 x 31-3/16 x 28-7/16 (792 x 792 x 722)	225 / 250 (102 / 113)				
R4H348AKC	4	48,000	28.7	45	31-3/16 x 31-3/16 X 28-7/16	201 / 220 (91 / 100)				
R4H348GKC	sa	me model wi	th 3/8" (10mm) s	pacing grille	(792 x 792 x 722)	208 / 228 (95 / 104)				
R4H349GKC	4	48,000	28.7	50	31-3/16 x 31-3/16x31-13/16 (792 x 792 x 808)	240 / 273 (109 / 124)				
R4H360AKC	5	60,000	34.8	50	31-3/16 x 31-3/16x31-13/16	215 / 239 (98 / 109)				
R4H360GKC	sa	me model wi	th 3/8" (10mm) s	pacing grille	(792 x 792 x 808)	224 / 248 (102 / 113)				
R4H361GKC	21⁄2	60,000	34.1	50	35 x 35 x 25-15/16 (889 x 889 x 735)	250 / 282 (114 / 128)				

Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org

CERTIFIED







R4H3

R2H3**GKR

HEAT PUMP COMPONENT

1¹/₂ THRU 5 TONS 208 / 230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- · Scroll compressors on all models
- · Compressors contain proper charge of mineral oil
- Suction line accumulator factory installed
- · Integrated solid state control with Time-Temperature Defrost
- Low pressure switch
- · Copper tube / aluminum fin coil

EASY TO INSTALL AND SERVICE

- · Easy access service valves on all models
- External high and low refrigerant service ports
- · Only two screws to access control panel
- Factory charged with dry nitrogen holding charge
- For use with R-22 refrigerant

BUILT TO LAST

- · Pre-painted cabinet finish over galvanized steel
- · Coated inlet grille with 3/8" (10mm) spacing for extra protection (hail guard)

WARRANTY*

- 5 year parts limited warranty (including compressor and coil)
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFORMANCE DATA										
Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth in. (mm)	Ship / Operating Weight Ibs. (kg)	Notes			
R2H318GKR		18,000	10.9	15	28-7/16 x 23-1/8 x 23-1/8 (722 x 587 x 587)	129 / 119 (59 / 54)				
R2H324GKR	2	24,000	14.3	20	35-3/16 x 23-1/8 x 23-1/8 (894 x 587 x 587)	138 / 126 (63 / 57)				
R2H330GKR	21⁄2	30,000	18.4	30	28-7/16 x 31-3/16 x 31-3/16 (722 x 792 x 792)	178 / 161 (81 / 73)				
R2H336GKR	3	36,000	20.4	30	31-13/16 x 31-3/16 x 31-3/16 (808 x 792 x 792)	192 / 177 (87 /80)				
R2H342GKR	31⁄2	42,000	25.4	40	38-5/8 x 31-3/16 x 31-3/16 (981 x 792 x 792)	216 / 198 (98 / 90)				
R2H348GKR	4	48,000	28.7	40	28-7/16 x 31-3/16 x 31-3/16 (722 x 792 x 792)	221 / 207 (100 / 94)				
R2H360GKR	5	60,000	33.0	50	42 x 31-3/16 x 31-3/16 (1067 x 792 x 792)	285 / 273 (129 / 124)				









Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

HC4H3

R-410A Ducted Horizontal Heat Pump ENVIRONMENTALLY SOUND R-410A REFRIGERANT

1¹/₂ THRU 5 TONS

208 / 230 Volt, 1-phase

ENERGY EFFICIENCY

• 13 - 14.5 SEER / 10.5 - 12 EER / 7.7 - 8.5 HSPF SOUND

• Levels as low as 71 dBA

DESIGN FEATURES

- Matched with ducted indoor units
- · Ideal for multi-family use
- Small footprint "stackable"
- · Weather-resistant cabinet
- All steel cabinet construction
- Baked on powder paint
- Mesh coil guard

RELIABILITY, QUALITY, AND TOUGHNESS

- Scroll compressor
- · Factory-supplied filter drier
- Factory installed Crankcase Heater on 2¹/₂ through 5 ton models
- High pressure switch
- Low pressure switch
- Accumulator
- Line lengths up to 200 feet (61m) (see Long Line Application Guideline)
- 65 foot (20m) lift (see Long Line Application Guideline)
- Low ambient operation (down to -20°F/-28.9°C) with low ambient accessories
- Installation as close as 6 inches (25mm) from wall

WARRANTY*

- 5 year compressor limited warranty
- 5 year parts limited warranty (including compressor and coil)



mis problem rise product rates of the second and the second secon

* Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

- With timely registration, an additional 5 year parts limited warranty (including compressor and coil)

UNIT PERFORMANC	UNIT PERFORMANCE DATA										
Model Number	Voltage	Size (tons)	Nominal Btu/hr	Operating Weight Ibs. (kg)	Notes						
HC4H318AKA		1½	18,000	167 (76)							
HC4H324AKA		2	24,000	176 (80)							
HC4H330AKA	208/230	21/2	30,000	187 (85)							
HC4H336AKA	200/200	3	36,000	232 (105)							
HC4H348AKA		4	48,000	278 (126)							
HC4H360AKA		5	60,000	306 (139)							







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

54

Specifications subject to change without notice.

Accessories Residential Heat Pumps

	HCH9, HCH6, HSH5, HXH5, H4H3, NXH5, N4H4, N4H3	, R4H3 (I	R-410A Heat Pump)	
Part Number	Description	Model	Used On Size	Notes
	·	N4H4	42, 48	
		N4H3	42	
	Crankcase Heater for Scroll Compressor (208/230 V)	H4H3	30, 36, 42	
NASA00501CH	(factory installed on some models)	HSH5	36, 42	
		HXH5	36, 42	
		NXH5	42	
		N4H4	18, 24, 30, 36	
		N4H3	18, 24, 30, 36	
	Crankcase Heater for Scroll Compressor (208/230 V)	H4H3	18, 24	
NASA00601CH	(factory installed on some models)	HSH5	18, 24, 30	
		HXH5	18, 24, 30	
		NXH5	24	
		R4H3	42, 43, 48, 49, 60, 61	
NASA001CH	Crankcase Heater for Scroll Compressor (208/230 V)	NXH5	48, 60	
		R4H3	18, 19, 24, 25, 30, 36, 37	
NASA003CH	Crankcase Heater for Scroll Compressor (208/230 V)	NXH5	18, 30, 36	
NIA O A 000000		R4H3	18, 24, 30, 36, 42, 48	
NASA003SC	Hard Start Kit	NXH5	18, 30, 36	
NASA004SC	Hard Start Kit	R4H3	60	
		N4H3	ALL	
		N4H4	ALL	
NASA005SC	Hard Start Kit	H4H3	ALL	
		HXH5	ALL	
		HCH6		
NASA012SC	Hard Start Kit	HCH9	24, 36	
NASA013SC	Hard Start Kit	HCH9	48, 60	
NASA014SC	Hard Start Kit (Capacitor and Relay)	HSH5	ALL	
NASA015SC	Hard Start Kit	HCH9	48,60	
NASA404PS	High Pressure Switch	R4H3	ALL	
		N4H4		
	Sound Jacket, Compressor	N4H3	18, 24, 30, 36, 42, 48	
NASA001SJ	(factory installed on some models)	NXH5	ALL	
	(,	R4H3	36, 37, 42, 43, 48, 49	
	Sound Jacket, Compressor			
NASA002SJ	(factory installed on some models)	R4H3	18, 19, 24, 25, 30, 31	
	Sound Jacket, Compressor	N4H4		
NASA003SJ	(factory installed on some models)	R4H3	60, 61	
		HSH5		
	Observer Self™ Configuring Communicating Wall	HCH6	4	
TSTAT0101SC	Control	HCH9	ALL	
		HCH9	4 F	
NAEA40501TX	TXV Kit, R410A 2010 and later Piston Coils	ALL	18, 24, 30	
NAEA40501TX	TXV Kit, R410A 2010 and later Piston Colls	ALL	36, 42	
NAEA40701TX	TXV Kit, R410A 2010 and later Piston Coils	ALL	48,60	
EBAC05TXVX	TXV Kit, R-410A 2005-2009	ALL	18, 19, 24, 25, 30, 31	
EBAC06TXVX	R-22 TXV Fancoils (air handlers)	ALL	36, 37, 42, 43	
EBAC07TXVX		ALL	48, 49, 60, 61	

Accessories Residential Heat Pumps (continued)

	HCH9, HCH6, HSH5, HXH5, H4H3, NXH5, N4H3, R4H3 (R-410A Heat Pump)									
Part Number	Description	Model	Used On Size	Notes						
EBAC05TXVX	TXV Kit, R-410A 2005-2009	ALL	18, 19, 24, 25, 30, 31							
EBAC06TXVX	R-22 TXV Fancoils (air handlers)	ALL	36, 37, 42, 43							
EBAC07TXVX	R-22 TAV Falicolis (all fialities)	ALL	48, 49, 60, 61							
NASA001FS	Evaporator Freeze Thermostat		ALL							
NASA001LS	Liquid Line Solenoid Valve, HP, R-22 or R-410A		ALL							
NASA001TD	Time Delay Relay, Indoor Blower		ALL							
NASA001AC	Anti-Cycle Timer (5 minute delay)		ALL							
NASA001SC	Start Component - PTC Device		ALL							
NASA401LA	Low Ambient Pressure Switch		ALL							
NASA00101IK	Low Ambient Isolation Relay Kit		ALL							
NASA001SF	Support Feet, 4" (102mm) tall		ALL							
NASA00106SS	Snow Stand Kit		ALL							

SOME MODELS MAY BE FACTORY INSTALLED. REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

Residential Heat Pump Component

(Fac	R2H3**GKR (Factory charged with dry nitrogen holding charge - for use with R-22 refrigerant)							
Part Number	Description	Used On Model Size	Notes					
NASA001CH	Crankcase Heater for Compressor	30, 36, 42, 48, 60						
NASA003CH	Crankcase Heater for Compressor	18, 24						
NASA003SC	Hard Start Kit	18, 24, 30, 36, 42, 48						
NASA004SC	Hard Start Kit	60						
NASA001SJ	Sound Jacket, Compressor (factory installed on some models)	36, 42, 48						
NASA002SJ	Sound Jacket, Compressor (factory installed on some models)	18, 24, 30						
NASA003SJ	Sound Jacket, Compressor (factory installed on some models)	60						
AMF153TKB	TXV Kit, R-22 (converts R-22 piston coils to R-22 TXV)	18, 24, 30, 36						
AMF355TKB	TXV Kit, R-22 (converts R-22 piston coils to R-22 TXV)	42, 48, 60						
NASA001SC	Start Component - PTC Device	ALL						
NASA001FS	Evaporator Freeze Thermostat	ALL						
NASA202PS	High Pressure Switch*	ALL						
NASA204PS	High Pressure Switch*	ALL						
NASA001LS	Liquid Line Solenoid Valve	ALL						
NASA001TD	Time Delay Relay, Indoor Blower	ALL						
NASA001AC	Anti-Cycle Timer (5 minute delay)	ALL						
NASA201LA	Low Ambient Pressure Switch	ALL						
NASA001SF	Support Feet, 4" (102mm) tall	ALL						

* Dual Fuel applications require High Pressure Switch

Residential Ducted Horizontal Heat Pumps

HC4H3 (R-410A Heat Pump)								
Part Number	Description	Used On Model Size	Notes					
NASA001TD	TIME DELAY KIT	All						
EBAC05TXVX	TXV KIT, R-410A	18, 24, 30						
EBAC06TXVX	2005-2009 R-22 TXV	36						
EBAC07TXVX	Fan coils (air handlers)	48						
EBAC08TXVX	Fair colls (all fiandlers)	60						
NAEA40501TX		18, 24, 30						
NAEA40601TX	TXV KIT, R-410A 2010 and later Piston coils	36						
NAEA40701TX		48						
NASA402LA	LOW AMBIENT KIT	All						
NASA001FS	FRZ THERM KIT	All						
NASA001CH	CRANKCASE HEATER KIT	48*, 60*						
NASA003CH	CRANKCASE HEATER KIT	18, 24, 30*, 36*						
NASA001SJ	SOUND JACKET KIT	48, 60						
NASA002SJ	SOUND JACKET KIT	18, 24, 30, 36						
NASA001LS	SOL VALVE KIT	All						
NASA001SC	PTC KIT	All						
NASA003SC	HARD START KIT	All						
NASA001AC	CYCLE PROTECTOR KIT	All						
NASA00101WB	WIND BAFFLE KIT	18						
NASA00201WB	WIND BAFFLE KIT	24						
NASA00301WB	WIND BAFFLE KIT	30, 36						
NASA00401WB	WIND BAFFLE KIT	48, 60						
NASA00101WM	WALL MOUNT KIT	18, 24						
NASA00201WM	WALL MOUNT KIT	30, 36, 48, 60						

*Factory Installed

FAN COILS WITH OBSERVER™ COMMUNICATING CONTROL SYSTEM

Smart Diagnostics

· Easier troubleshooting, providing faster service and repair

Environmentally-Sound Refrigerant Technology

- R-410A refrigerant the chlorine-free non-ozone depleting refrigerant
- Thermostatic Expansion Valve (TXV) designed to maximize performance with R-410A refrigerant

Energy Efficient Operation

- · Variable speed ECM Motor operates efficiently at all speeds
- Ultra-low power consumption during fan only operation

Airflow Technology

- High duct static capability
- Unique cabinet design that meets new stringent regulations for air leakage. Meets requirements of a 2% cabinet leakage rate when tested at 1.0 in wc of static pressure

Condensate Control and Disposal Technology

- Minimal standing water less microbial growth for improved IAQ and reduced condensate line clogging and related condensate leakage
- Tested for condensate disposal at conditions much more severe than those required by AHRI
- · Primary and secondary drain connections to comply with HUD
- · All pans constructed of an injection molded glass-filled polycarbonate
- engineered resin material, with brass drain connections

Heat Transfer Technology

- · Bi-flow hard-shutoff TXV metering device
- Tin-coated copper evaporator tubes

Ease of Installation and Service Features

• Easy four wire hook up: reduces installation time

- Multi-position installation
- Modular cabinet on 5 ton model
- Sweat connections for leak free service
- · Low voltage terminal strip, to safely hold connections within the cabinet
- Inspection plate on A-coil models for quick coil cleanliness inspection
- Cabinet construction features innovations designed to prevent cabinet sweating

Controls and Electrical Features

- · Easy plug connection provided for quick installation of accessory heater packages
- 40VA 208/230v transformer
- Replaceable 3-amp blade-type auto fuse protects against transformer secondary short

Filter Features

- · Factory supplied filter with cleanable polyester filter media
- Filter "springs" out for easy access no tools required

WARRANTY*

- 10 year No Hassle Replacement™ limited warranty
- 5 year parts limited warranty
 - With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFORMANCE DATA									
Model Number	Size (tons)	Nominal Btu/hr	CFM (L/s)	Operating Dimensions height x width x depth in. (mm)	Filter Size in. (mm)	Ship Weight Ibs. (kg)	Notes		
FCM4X2400AT	2	24,000	800 (378)	42-11/16 x 17-5/8 x 22-1/16 (1084 x 448 x 560)	16-3/8 x 21-1/2 (416 x 546)	135 (61)			
FCM4X3600AT	3	36,000	1200 (566)	53-7/16 x 21-1/8 x 22-1/16 (1357 x 537 x 560)	19-7/8 x 21-1/2 (505 x 546)	150 (68)			
FCM4X4800AT	4	48,000	1600 (755)	53-7/16 x 21-1/8 x 22-1/16 (1357 x 537 x 560)	19-7/8 x 21-1/2 (505 x 546)	172 (78)			
FCM4X6000AT	5	60,000	1750 (826)	59-3/16 x 24-11/16 x 22-1/16 (1503 x 627 x 560)	23-5/16 x 21-1/2 (592 x 546)	207 (94)			

TSTAT0101SC Recommended

(sold separately)





CERTIFIED

Use of the AHRI Certified TM Mark

indicates a manufacturer's participation in the program. For verification of

certification for individual products, go to www.ahridirectory.org .

FCM4X

FVM4X

VARIABLE SPEED FAN COILS

- 2, 3, 4, and 5 TONS
- Supports two-stage outdoor units
- Available for Environmentally Sound R-410A systems
- · Bolt-on, hard shut-off TXV metering device factory installed on all models
- Copper tube/aluminum fin coil on standard models
- Available with industry exclusive tin coated copper main tubing for additional corrosion protection
- Sweat connections
- · Primary and secondary drain fittings with brass inserts
- Time delay relay (TDR)
- Field installed heater packages from 5 kW 30 kW available separately
- HUD approved for manufactured housing
- 208/230-1-60 supply voltage
- Multiposition installation upflow or horizontal left standard, horizontal right with minor modification (field convertible to downflow with accessory kits)
- Filter (washable) factory supplied
- Heat staging option
- Dehumidification function with standardized logic
- 1 inch (25mm) thick insulation with R value of 4.2

PERFORMANCE

- Variable speed ECM motor on all models
- · Adjustable cooling and heating ON/OFF delay
- · Heat Pump Comfort option to provide higher than normal heating air delivery temperature
- Units tested and certified by manufacturer to achieve a 2% or less leakage rate at 1.0 inch water column

EASY TO INSTALL AND SERVICE

- · Multiple electrical entry locations
- TXV and manifold positioned to the side for easier cleaning
- · Zero clearance without heaters

WARRANTY*

- 10 year No Hassle Replacement™ limited warranty
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFOR	UNIT PERFORMANCE DATA										
			CFM (Ran		Operating Dimensions		Unit Ship				
Model Number	Size (tons)	Nominal Btu/hr	Low	High	height x width x depth in. (mm)	Filter Size in. (mm)	Weight Ibs. (kg)	Notes			
FVM4X2400B	2	24,000	350	1200	42-11/16 x 17-5/8 x 22-1/16	16-3/8 x 21-1/2	135 (61)				
FVM4X2400BT	2	24,000	(165)	(566)	(1084 x 448 x 560)	(416 x 546)	133 (01)				
FVM4X3600B	3	36,000	415	1400	53-7/16 x 21-1/8 x 22-1/16	19-7/8 x 21-1/2	150 (68)				
FVM4X3600BT	3	30,000	(196)	(661)	(1357 x 537 x 560)	(505 x 546)	150 (08)				
FVM4X4800B	4	48,000	425	1600	53-7/16 x 21-1/8 x 22-1/16	19-7/8 x 21-1/2	172 (78)				
FVM4X4800BT	Ŧ	40,000	(201)	(755)	(1357 x 537 x 560)	(505 x 546)	172 (70)				
FVM4X6000B	5	60,000	540	2000	59-3/16 x 24-11/16 x 22-1/16	23-5/16 x 21-1/2	207 (94)				
FVM4X6000BT	5	00,000	(255)	(944)	(1503 x 627 x 560)	(592 x 546)	207 (94)				







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

FXM4X

FAN COILS 1¹/₂ THRU 5 TONS ENVIRONMENTALLY SOUND R-410A SYSTEMS

- TXV metering device factory installed
- High efficiency ECM 5-speed motor
- · Copper tube/aluminum fin coil on standard models
- Available with industry exclusive tin coated copper main tubing for additional corrosion protection (identified with "T" at end of model number)
- Sweat connections
- · Primary and secondary drain fittings with brass inserts
- · 3 amp automotive type fuse in wire harness
- Multiple electrical entry locations
- Time delay relay (TDR) programmed in motor
- Field installed heater packages from 5 kW 30 kW available separately
- · HUD approved for manufactured housing
- 208/230-1-60 supply voltage
- Units tested and certified by manufacturer to achieve a 2% or less leakage rate at 1.0 inch water column
- 1 inch thick insulation with R value of 4.2
- Multiposition installation upflow or horizontal left standard, horizontal right with minor modification (field convertible to downflow with available accessory kit)
- No Heat (Plug) Kit factory installed
- Filter (washable) factory supplied

WARRANTY*

- 5 year No Hassle Replacement[™] limited warranty
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFORMANCE DATA									
Model Number	Size (tons)	Nominal Btu/hr	Nominal CFM (L/s)	Dimensions Height x Width x depth in. (mm)	Filter Size in. (mm)	Ship Weight Ibs. (kg)	Notes		
FXM4X1800A FXM4X1800AT	1½	18,000	600 (283)	49-5/8 x 17-5/8 x 22-1/16 (1261 x 448 x 560)	16-3/8 x 21-1/2 (416 x 546)	122 (55) -			
FXM4X2400A FXM4X2400AT	2	24,000	800 (378)	49-5/8 x 17-5/8 x 22-1/16 (1261 x 448 x 560)	16-3/8 x 21-1/2 (416 x 546)	122 (55)			
FXM4X3000A FXM4X3000AT	21⁄2	30,000	1000 (472)	53-7/16 x 21-1/8 x 22-1/16 (1357 x 537 x 560)	19-7/8 x 21-1/2 (505 x 546)	146 (66)			
FXM4X3600A FXM4X3600AT	3	36,000	1200 (566)	49-5/8 x 21-1/8 x 22-1/16 (1261 x 537 x 560)	19-7/8 x 21-1/2 (505 x 546)	157 (71) -			
FXM4X4200A FXM4X4200AT	31⁄2	42,000	1400 (661)	49-5/8 x 21-1/8 x 22-1/16 (1261 x 537 x 560)	19-7/8 x 21-1/2 (505 x 546)	157 (71)			
FXM4X4800A FXM4X4800AT	4	48,000	1600 (755)	53-7/16 x 24-11/16 x 22-1/16 (1357 x 627 x 560)	23-5/16 x 21-1/2 (592 x 546)	185 (84)			
FXM4X6000A FXM4X6000AT	5	60,000	2000 (944)	59-3/16 x 24-11/16 x 22-1/16 (1503 x 627 x 560)	23-5/16 x 21-1/2 (592 x 546)	201 (91)			





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

FEM4P

FAN COILS 1¹/₂ THRU 4 TONS ENVIRONMENTALLY SOUND R-410A SYSTEMS

- · Factory installed piston metering device with Teflon ring
- High efficiency ECM, 5-speed motor
- · Copper tube/aluminum fin coil on standard models
- Available with industry exclusive tin coated copper main tubing for additional corrosion protection (identified with "T" at end of model number)
- Sweat connections
- · Primary and secondary drain fittings with brass inserts
- · Low voltage circuit protective fuse (3 amp) inline on wire harness
- · Multiple electrical entry locations
- Time delay relay (TDR)
- Field installed heater packages from 5 kW 30 kW available separately
- 208/230-1-60 supply voltage
- Units tested and certified by manufacturer to achieve a 2% or less leakage rate at 1.0 inch water column
- 1 inch thick insulation with R value of 4.2
- Multiposition installation upflow or horizontal left standard, horizontal right with minor modification (field convertible to downflow with available accessory kit)
- No Heat (Plug) Kit factory installed
- Filter (washable) available as accessory
- · HUD approved for manufactured housing

WARRANTY*

- 1 year No Hassle Replacement™ limited warranty
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFOR	UNIT PERFORMANCE DATA								
Model	Size	Nominal	Dimensions	Filter Size	Ship Weight	Notes			
Number	(tons)	CFM (L/s)	Height x Width x depth in. (mm)	in. (mm)	lbs. (kg)	NOLES			
FEM4P1800A	1½	600 (283)	42-11/16 x 14-5/16 x 22-1/16	13 x 21-1/2	112 (51)				
FEM4P1800AT	1/2	000 (203)	(1084 x 364 x 560)	(330 x 546)	112 (31)				
FEM4P2400A	2	800 (378)	42-11/16 x 14-5/16 x 22-1/16	13 x 21-1/2	112 (51)				
FEM4P2400AT	2	800 (378)	(1084 x 364 x 560)	(330 x 546)	112 (51)				
FEM4P3000A	21/2	1000 (472)	49-5/8 x 17-5/8 x 22-1/16	16-3/8 x 21-1/2	122 (55)				
FEM4P3000AT	∠/2	1000 (472)	(1261 x 448 x 560)	(416 x 546)	122 (55)				
FEM4P3600A	3	1200 (566)	49-5/8 x 17-5/8 x 22-1/16	16-3/8 x 21-1/2	122 (55)				
FEM4P3600AT	5	1200 (300)	(1261 x 448 x 560)	(416 x 546)	122 (55)				
FEM4P4200A	31/2	1400 (661)	49-5/8 x 21-1/8 x 22-1/16	19-7/8 x 21-1/2	157 (71)				
FEM4P4200AT	3/2	1400 (661)	(1261 x 537 x 560)	(505 x 546)	157 (71) ·				
FEM4P4800A	4	1600 (755)	49-5/8 x 21-1/8 x 22-1/16	19-7/8 x 21-1/2	157 (71)				
FEM4P4800AT	4	1000 (755)	(1261 x 537 x 560)	(505 x 546)	157 (71)				







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

FSM4P

FAN COILS 1¹/₂ THRU 4 TONS **ENVIRONMENTALLY SOUND R-410A SYSTEMS**

- Factory installed piston metering device with Teflon ring
- PSC two-speed motor
- · Copper tube/aluminum fin coil on standard models
- · Available with industry exclusive tin coated copper main tubing for additional corrosion protection (identified with "T" at end of model number)
- Sweat connections
- · Primary and secondary drain fittings with brass inserts
- Printed circuit board (PCB) with low voltage circuit protective fuse (5 amp)
- Multiple electrical entry locations
- Time delay relay (TDR)
- Field installed heater packages from 5 kW 30 kW available separately
- 208/230-1-60 supply voltage
- · Units tested and certified by manufacturer to achieve a 2% or less leakage rate at 1.0 inch water column
- 1 inch thick insulation with R value of 4.2
- Multiposition installation upflow or horizontal left standard, horizontal right with minor modification (field convertible to downflow with available accessory kit)
- · No Heat (Plug) Kit factory installed
- Filter (washable) available as accessory
- HUD approved for manufactured housing

WARRANTY*

- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFOR	UNIT PERFORMANCE DATA								
Model	Size	Nominal	Dimensions	Filter Size	Ship Weight	Notes			
Number	(tons)	CFM (L/s)	Height x Width x depth in. (mm)	in. (mm)	lbs. (kg)	NOLES			
FSM4P1800A	1½	600 (283)	47-5/8 x 17-5/8 x 22-1/16	16-3/8 x 21-1/2	117 (53)				
FSM4P1800AT	1/2	000 (203)	(1210 x 448 x 560)	(416 x 546)	117 (55)				
FSM4P2400A	2	800 (378)	49-5/8 x 17-5/8 x 22-1/16	16-3/8 x 21-1/2	128 (58)				
FSM4P2400AT	2	000 (370)	(1261 x 448 x 560)	(416 x 546)	120 (50)				
FSM4P3000A	21/2	1000 (472)	53-7/16 x 21-1/8 x 22-1/16	19-7/8 x 21-1/2	145 (66)				
FSM4P3000AT	2/2	1000 (472)	1000 (472)	(1357 x 537 x 560)	(505 x 546)	145 (00)			
FSM4P3600A	3	1200 (566)	53-7/16 x 21-1/8 x 22-1/16	19-7/8 x 21-1/2	148 (67)				
FSM4P3600AT	5	1200 (300)	(1357 x 537 x 560)	(505 x 546)	148 (07)				
FSM4P4200A	31/2	1400 (661)	49-5/8 x 21-1/8 x 22-1/16	19-7/8 x 21-1/2	156 (71)				
FSM4P4200AT	3/2	1400 (661)	(1261 x 537 x 560) (505 x	(505 x 546)	156 (71)				
FSM4P4800A	4	1600 (755)	53-7/16 x 24-11/16 x 22-1/16	23-5/16 x 21-1/2	102 (02)				
FSM4P4800AT	4	1600 (755)	(1357 x 627 x 560)	(592 x 546)	182 (83)				



CERTIFIED

www.ahridirectory.org



FSU4P

FAN COILS 1¹/₂ THRU 4 TONS ENVIRONMENTALLY SOUND R-410A SYSTEMS

- · Factory installed piston metering device with Teflon ring
- PSC two-speed motor
- · Copper tube/aluminum fin coil on standard models
- Available with industry exclusive tin coated copper main tubing for additional corrosion protection (identified with "T" at end of model number)
- Sweat connections
- · Primary and secondary drain fittings with brass inserts
- Printed circuit board (PCB) with low voltage circuit protective fuse (5 amp)
- Multiple electrical entry locations
- Time delay relay (TDR)
- Field installed heater packages from 5 kW 30 kW available separately
- 208/230-1-60 supply voltage
- Units tested and certified by manufacturer to achieve a
- 2% or less leakage rate at 1.0 inch water column
- 1 inch thick insulation with R value of 4.2
- Upflow installation (field convertible to downflow with available accessory kit)
- Filter (washable) available as accessory
- HUD approved for manufactured housing

WARRANTY*

· 5 year parts limited warranty

- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORMANCE DATA								
Model	Size	Nominal	Dimensions	Filter Size	Ship Weight	Notes		
Number	(tons)	CFM (L/s)	Height x Width x depth in. (mm)	in. (mm)	lbs. (kg)	Notes		
FSU4P1800A	11⁄2	600 (283)	47-5/8 x 17-5/8 x 22-1/16	16-3/8 x 21-1/2	117 (53)			
FSU4P1800AT	1/2	600 (283)	(1210 x 448 x 560)	(416 x 546)	117 (55)			
FSU4P2400A	2	800 (378)	49-5/8 x 17-5/8 x 22-1/16	16-3/8 x 21-1/2	128 (58)			
FSU4P2400AT	2	800 (378)	(1261 x 448 x 560)	(416 x 546)	120 (30)			
FSU4P3000A	21/2	1000 (472)	53-7/16 x 21-1/8 x 22-1/16	19-7/8 x 21-1/2	145 (66)			
FSU4P3000AT	۲/2	1000 (472)	(1357 x 537 x 560)	(505 x 546)	145 (66)			
FSU4P3600A	3	1200 (566)	53-7/16 x 21-1/8 x 22-1/16	19-7/8 x 21-1/2	148 (67)			
FSU4P3600AT	5	1200 (300)	(1357 x 537 x 560)	(505 x 546)	140 (07)			
FSU4P4200A	31⁄2	1400 (661)	49-5/8 x 21-1/8 x 22-1/16	19-7/8 x 21-1/2	156 (71)			
FSU4P4200AT	J/2	1400 (661)	(1261 x 537 x 560)	(505 x 546)	150 (71)			
FSU4P4800A	4	1600 (755)	53-7/16 x 24-11/16 x 22-1/16	23-5/16 x 21-1/2	102 (02)			
FSU4P4800AT	4	1000 (755)	(1357 x 627 x 560)	(592 x 546)	182 (83)			

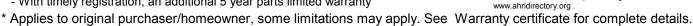
FEM4X-B

FAN COILS 1¹/₂ THRU 5 TONS **ENVIRONMENTALLY SOUND R-410A SYSTEMS**

- 1-1/2 thru 5 tons
- Available for environmentally sound R-410A systems
- Factory installed TXV metering device
- · Copper tube / aluminum fin coil on standard models
- · Available with industry exclusive tin coated copper main tubing for additional corrosion protection
- Sweat connections
- · Primary and secondary drain fittings with brass inserts
- Multiple electrical entry locations
- Time delay relay (TDR)
- Field installed heater packages from 5 kW 30 kW available separately
- · HUD approved for manufactured housing
- 208/230-1-60 supply voltage
- · Units tested and certified by manufacturer to achieve a 2% or less leakage rate at 1.0 inch water column
- 1 inch thick insulation with R value of 4.2
- Filter (washable) available as accessory
- ECM 5-speed motor
- Multiposition installation upflow or horizontal left standard, horizontal right with minor modification (field convertible to downflow with available accessory kit)
- . Low voltage circuit protective fuse (3amp) inline on wire harness
- · No Heat (Plug) Kit factory installed

WARRANTY*

- 1 year No Hassle Replacement[™] limited warranty
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty



	UNIT PERFORMANCE DATA								
Model Number	Size (tons)	Nominal CFM (L/s)	Dimensions Height x Width x depth in. (mm)	Filter Size in. (mm)	Ship Weight Ibs. (kg)	Notes			
FEM4X1800B FEM4X1800BT	1½	600 (283)	42-11/16 x 14-5/16 x 22-1/16 (1084 x 364 x 560)	13 x 21-1/2 (330 x 546)	112 (51)				
FEM4X2400B FEM4X2400BT	2	800 (378)	42-11/16 x 14-5/16 x 22-1/16 (1084 x 364 x 560)	13 x 21-1/2 (330 x 546)	112 (51)				
FEM4X3000B FEM4X3000BT	21⁄2	1000 (472)	49-5/8 x 17-5/8 x 22-1/16 (1261 x 448 x 560)	16-3/8 x 21-1/2 (416 x 546)	122 (55)				
FEM4X3600B FEM4X3600BT	3	1200 (566)	49-5/8 x 17-5/8 x 22-1/16 (1261 x 448 x 560)	16-3/8 x 21-1/2 (416 x 546)	122 (55)				
FEM4X4200B FEM4X4200BT	31⁄2	1400 (661)	49-5/8 x 21-1/8 x 22-1/16 (1261 x 537 x 560)	19-7/8 x 21-1/2 (505 x 546)	157 (71) -				
FEM4X4800B FEM4X4800BT	4	1600 (755)	49-5/8 x 21-1/8 x 22-1/16 (1261 x 537 x 560)	19-7/8 x 21-1/2 (505 x 546)	157 (71)				
FEM4X6000B FEM4X6000BT	5	1750 (826)	53-7/16 x 21-1/8 x 22-1/16 (1357 x 537 x 560)	19-7/8 x 21-1/2 (505 x 546)	175 (79)				



CERTIFIED

Use of the AHRI Certified TM Mark indicates a manufacturer's participation

in the program. For verification of certification for individual products, go to

TXV metering device factory installed · Copper tube/aluminum fin coil on standard models · Available with industry exclusive tin coated copper main tubing for additional corrosion protection (identified with "T" at end of model number) Sweat connections

MULTIPOSITION INSTALLATION - UPFLOW OR HORIZONTAL LEFT STANDARD,

Primary and secondary drain fittings with brass inserts

ENVIRONMENTALLY SOUND R-410A SYSTEMS

• 5 amp automotive type fuse on control board

HIGH EFFICIENCY FAN COILS

HORIZONTAL RIGHT WITH MINOR MODIFICATION

(Field convertible to downflow with available accessory kit)

- Multiple electrial entry locations
- Time delay relay (TDR)
- · Air filter (washable) factory supplied
- Field installed heater packages from 5 kW 30 kW available separately
- · Units tested and certified by manufacturer to achieve a 2% or less leakage rate at 1.0 inch water column
- 1 inch thick insulation with R value of 4.2
- · HUD approved for manufactured housing
- 208/230-1-60 supply voltage

WARRANTY*

5 TON

FEATURES

PSC 3-speed motor

- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. LISTED See Warranty certificate for complete details.

Specifications subject to change without notice.

UNIT PERFO	UNIT PERFORMANCE DATA								
Model Number	Size (tons)	Nominal CFM (L/s)	Motor HP	Operating Dimensions height x width x depth inches (mm)	Filter Size inches (mm)	Ship Weight Ibs. (kg)	Notes		
FSM4X6000A FSM4X6000AT	5	2000 (944)	3/4	59-3/16 x 24-11/16 x 22-1/8 (1503 x 627 x 562)	23-5/8 x 21-1/2 (600 x 546)	201 (91)			



indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org





FSU4X

FAN COILS UPFLOW INSTALLATION

5 TON

ENVIRONMENTALLY SOUND R-410A SYSTEMS FEATURES

- PSC 3-speed motor
- TXV metering device factory installed
- · Copper tube/aluminum fin coil on standard models
- Available with industry exclusive tin coated copper main tubing for additional corrosion protection (identified with "T" at end of model number)
- Sweat connections
- · Primary and secondary drain fittings with brass inserts
- 5 amp automotive type fuse on control board
- Multiple electrial entry locations
- Time delay relay (TDR)
- Filter (washable) available as accessory
- Field installed heater packages from 5 kW 30 kW available separately
- · Units tested and certified by manufacturer to achieve a
- 2% or less leakage rate at 1.0 inch water column
- 1 inch thick insulation with R value of 4.2
- HUD approved for manufactured housing
- 208/230-1-60 supply voltage

WARRANTY*

- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.





LISTED

Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORMANCE DATA								
Model Number	Size (tons)	Nominal CFM (L/s)	Motor HP	Operating Dimensions height x width x depth inches (mm)	Filter Size inches (mm)	Ship Weight Ibs. (kg)	Notes	
FSU4X6000A	5	2000 (944)	3/4	59-3/16 x 24-11/16 x 22-1/8 (1503 x 627 x 562)	23-5/8 x 21-1/2 (600 x 546)	201 (91)		
FSU4X6000AT	5	2000 (944)	5/4					

FMA4P

APARTMENT FAN COILS

1¹/₂ THRU 3 TONS

ALL MODELS

- Upflow application only
- For use with R-410A refrigerant or R-22 with accessory TXV
- Accessory field-installed electric heat kits available in 5, 7.5, or 10 kW
- 208/230-1-60 supply voltage
- Standard return air grille panel and is convertible to bottom return
- Replaceable air filter factory supplied with all models
- Fully insulated for conditioned space (not to be installed in unconditioned spaces)

PERFORMANCE

- PSC motor on all models
- Motor suspended on rubber grommets for quieter operation
- Fresh air intake holes (capped from factory)

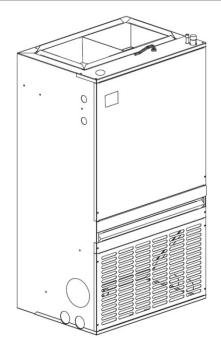
EASY TO INSTALL AND SERVICE

- · Units fits between standard stud spacings
- All service access is located in the front
- Primary and secondary drain connections exit from the bottom
- · No return-air ductwork required in specific applications

WARRANTY*

• 5 year parts limited warranty

- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

Model Number	Size (tons)	Heat kW		ninal ⁻ M	Operating Dimensions height x width x depth in (mm)	Filter Size in(mm)	Ship Weight Ibs.	Notes
FMA4P1800A	1-1/2	18,000	450 (212)	675 (319)	36-1/2 x 20-1/2 x 15	16 x 20	99 (45)	
FMA4P2400A	2	24,000	600 (283)	900 (425)	(928 x 521 x 381)	(406 x 508)	99 (45)	
FMA4P3000A	2-1/2	30,000	750 (354)	1125 (531)	39-1/2 x 22 x 19	20 x 20	121 (55)	
FMA4P3600A	3	36,000	900 (425)	1350 (637)	(1004 x 559 x 483)	(508 x 508)	121 (55)	

FEA4X

APARTMENT FAN COILS WITH FACTORY INSTALLED 5, 7, & 11 kW ELECTRIC HEAT

1¹/₂ THRU 3 TONS

- ENVIRONMENTALLY SOUND R-410A SYSTEMS FEATURES
- TXV metering device factory installed on all models
- Upflow only
- 22" (559mm) wide galvanized steel cabinet fits between studs (24" (610mm) stud spacing)
- All electrical and refrigerant lines enter through top of cabinet
- Service access through front of cabinet
- Primary and secondary drain fittings exit bottom, left, or right side of cabinet
- Replaceable air filter factory supplied with all models
- Copper tube / aluminum fin coil
- Sweat connections
- High efficiency ECM motor on all models
- 5 amp automotive type fuse inline on harness
- Time delay relay (TDR) programmed in motors
- Decorative grille available as accessory
- Factory installed electric heater packages from 5 kW 11 kW
- Units tested and certified by manufacturer to achieve a 2% or less leakage rate at 1.0 inch water column
- 208/230-1-60 Apply voltage

WARRANTY*

• 5 year parts limited warranty

LINIT PERFORMANCE DATA

- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

Model	Size	Heat	Nominal	Operating Dimensions height x width x depth	Filter Size	Ship Weight		
Number	(tons)	kW	CFM	in (mm)	in(mm)	lbs. (kg)	Notes	
FEA4X1805A	1½	5	600	- 38-1/16 x 22-1/8 x 15-3/16	6 16 x 20 x 1 (406 x 508 x 25)	90 (41)		
FEA4X1807A		7	600			90 (41)		
FEA4X2405A	2	5	800	(967 x 562 x 386)		92 (42)		
FEA4X2407A		7	800	(907 x 502 x 580)		92 (42)		
FEA4X2411A		11	800			92 (42)		
FEA4X3005A		5	1000			105 (48)		
FEA4X3007A	21⁄2	7	1000			105 (48)		
FEA4X3011A		11	1000	43-3/16 x 22-1/8 x 18-3/8	20 x 20 x 1	105 (48)		
FEA4X3605A		5	1200	(1097 x 562 x 467)	(508 x 508 x 25)	110 (50)		
FEA4X3607A	3	7	1200			110 (50)		
FEA4X3611A		11	1200			110 (50)		

FSA4X

APARTMENT FAN COILS WITH FACTORY INSTALLED 5, 7, & 11 kW ELECTRIC HEAT or NO HEAT ENVIRONMENTALLY SOUND R-410A SYSTEMS

1¹/₂ THRU 3 TONS

FEATURES

- TXV metering device factory installed on all models
- Upflow only
- 22" (559mm) wide galvanized steel cabinet fits between studs (24" (610mm) stud spacing)
- All electrical and refrigerant lines enter through top of cabinet
- · Service access through front of cabinet
- Primary and secondary drain fittings exit bottom, left,
- or right side of cabinet
- Replaceable air filter factory supplied with all models
- Copper tube / aluminum fin coil
- Sweat connections
- 5 amp automotive type fuse inline on harness
- Time delay relay (TDR) programmed in motors
- · Decorative grille available as accessory
- Field installed electric heater packages from 5 kW 11 kW available separately
- Units tested and certified by manufacturer to achieve a 2% or less leakage rate at 1.0 inch water column
- 208/230-1-60 Supply voltage

WARRANTY*

• 5 year parts limited warranty

- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORMANCE DATA							
Model	Size	Heat	Nominal	Operating Dimensions height x width x depth	Filter Size	Ship Weight	
Number	(tons)	kW	CFM	in (mm)	in(mm)	lbs. (kg)	Notes
FSA4X1800A		none	600			85 (39)	
FSA4X1805A	1½	5	600			90 (41)	
FSA4X1807A	1/2	7	600			90 (41)	
FSA4X1811A		11	600			90 (41)	
FSA4X2400A		none	800			87 (40)	
FSA4X2405A	2	5	800	38-1/16 x 22-1/8 x 15-3/16	16 x 20 x 1	92 (42)	
FSA4X2407A	<u> </u>	7	800	(967 x 562 x 386)	(406 x 508 x 25)	92 (42)	
FSA4X2411A		11	800			92 (42)	
FSA4X3000A		5	1000			90 (41)	
FSA4X3005A	2½	5	1000			95 (43)	
FSA4X3007A	2/2	7	1000			95 (43)	
FSA4X3011A		11	1000			95 (43)	
FSA4X3600A		5	1200			105 (48)	
FSA4X3605A	3	5	1200	43-3/16 x 22-1/8 x 18-3/8	20 x 20 x 1	110 (50)	
FSA4X3607A		7	1200	(1097 x 562 x 467)	(508 x 508 x 25)	110 (50)	
FSA4X3611A		11	1200			110 (50)	

EAM4X

MULTI-POSITION EVAPORATOR COILS CASED A-COILS

1-1/2 THRU 5 TONS

- Bolt-on TXV metering device factory installed on all models (equalizer tube brazed in)
- TXV and manifold positioned to the side for easier cleaning
- Innovative drain pan design for complete water removal
- Two condensate drain connections (additional two for horizontal installation)
- · 2-piece delta plate for easier removal and cleaning
- · Cabinet widths match flush with ICP gas furnaces
- Hemmed flanges for safer handling
- · Foil faced insulation
- · Non-sweat cabinet, even at extreme conditions
- Cabinets meet or exceed 2% air leakage codes
- Sturdy, 22 gauge, pre-painted steel cabinet
- Multiposition installation upflow, downflow, or horizontal
- Available for R-410A
- One or two UV light knock-outs provided on cabinet (depending on size)
- Aluminum main tubing and aluminum fins (copper stubs for field connection)

WARRANTY*

- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORMANCE DATA						
Model	Size	Dimensions				
Number	(tons)	H x W x D inches (mm)	Notes			
EAM4X18L14A	1-1/2	25-13/16 x 14-3/16 x 20-5/8 (659 x 361 x 524)				
EAM4X24L14A	2	25-13/16 x 14-3/16 x 20-5/8 (659 x 361 x 524)				
EAM4X24L17A	2	25-13/16 x 17-1/2 x 20-5/8 (659 x 445 x 524)				
EAM4X30L14A	2-1/2	25-13/16 x 14-3/16 x 20-5/8 (659 x 361 x 524)				
EAM4X30L17A	2-1/2	25-13/16 x 17-1/2 x 20-5/8 (659 x 445 x 524)				
EAM4X36L14A		25-13/16 x 14-3/16 x 20-5/8 (659 x 361 x 524)				
EAM4X36L17A	3	29-3/4 x 17-1/2 x 20-5/8 (757 x 445 x 524)				
EAM4X36L21A		29-3/4 x 21 x 20-5/8 (757 x 533 x 524)				
EAM4X42L21A	3-1/2	29-3/4 x 21 x 20-5/8 (757 x 533 x 524)				
EAM4X42L24A	5-1/2	29-3/4 x 24-1/2 x 20-5/8 (757 x 622 x 524)				
EAM4X48L17A		35 x 17-1/2 x 20-5/8 (889 x 445 x 524)				
EAM4X48L21A	4	29-3/4 x 21 x 20-5/8 (757 x 622 x 524)				
EAM4X48L24A		29-3/4 x 24-1/2 x 20-5/8 (757 x 622 x 524)				
EAM4X60L21A	5	35 x 21 x 20-5/8 (889 x 622 x 524)				
EAM4X60L24A	5	35 x 24-1/2 x 20-5/8 (889 x 622 x 524)				

END4X

VERTICAL EVAPORATOR COILS CASED N-COILS 1¹/₂ THRU 5 TONS

ENVIRONMENTALLY SOUND R-410A SYSTEMS

- Bolt-on TXV metering device factory installed on all models (equalizer tube brazed in)
- Two condensate drain connections
- Cabinet widths match flush with ICP 14-3/16", 17-1/2", 21" and 24-1/2" gas furnace cabinets (field fabricated transitions required to match other ICP furnace models)
- Removable front access panel
- Hemmed flanges for safer handling
- Foil faced insulation
- · Non-sweat cabinet, even at extreme conditions
- Cabinets meet or exceed 2% air leakage codes
- Sturdy, pre-painted steel cabinet
- Upflow or downflow installation
- · Compact design, shorter than comparable A-coils
- Aluminum main tubing and aluminum fins (copper stubs for field connection)

WARRANTY*

- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFOR	RMANC	E DATA		UNIT PERFORMANCE DATA				
Model	Size	Dimensions		Model	Size	Dimensions		
Number	(tons)	H x W x D inches (mm)	Notes	Number	(tons)	H x W x D inches (mm)	Notes	
END4X18L14A		12-5/8 x 14-3/16 x 21		END4X37L17A	3	27-3/16 x 17-1/2 x 21		
	1-1/2	(321 x 360 x 533)			5	(691 x 445 x 533)		
END4X19L17A	1-1/2	17 x 17-1/2 x 21		END4X42L17A		21-1/8 x 17-1/2 x 21		
		(432 x 445 x 533)				(537 x 445 x 533)		
END4X24L14A		14-5/8 x 14-3/16 x 21		END4X42L21A	3-1/2	19 x 21 x 21		
	2	(372 x 360 x 533)		END4742L2 IA	J-1/2	(483 x 533 x 533)		
	2	14-5/8 x 17-1/2 x 21		END4X43L24A		26-5/16 x 24-1/2 x 21		
END4X24L17A	(372 x 445 x 533)		END4743LZ4A		(669 x 622 x 533)			
END4X30L14A		17 x 14-3/16 x 21		END4X48L21A		22-1/16 x 21 x 21		
END4X30L14A		(432 x 360 x 533)		END4740L2 IA	4	(560 x 533 x 533)		
END4X30L17A	2-1/2	17 x 17-1/2 x 21		END4X48L24A	4	22-1/16 x 24-1/2 x 21		
END4A30LITA	2-1/2	(432 x 445 x 533)		END4A40L24A		(560 x 622 x 533)		
END4X31L17A		23-1/4 x 17-1/2 x 21		END4X60L24A		26-7/8 x 24-1/2 x 21		
END4X3TETTA		(591 x 445 x 533)		END4X00LZ4A	5	(683 x 622 x 533)		
END4X36L17A		17 x 17-1/2 x 21		END4X61L24A	5	32-7/16 x 24-1/2 x 21		
END4X36L17A	(432 x 445 x 533)				(824 x 622 x 533)			
END4X36L21A	17 x 21 x 21							
		(432 x 533 x 533)						

ENW4X

VERTICAL EVAPORATOR COILS CASED N-COILS

3 THRU 5 TONS

ENVIRONMENTALLY SOUND R-410A SYSTEMS

- Drainpan raised 2" (51mm) and block-off plate factory installed for installing wider coil on narrower furnace
- Bolt-on TXV metering device factory installed on all models (equalizer tube brazed in)
- Two condensate drain connections
- Removable front access panel
- Hemmed flanges for safer handling
- Foil faced insulation
- Non-sweat cabinet, even at extreme conditions
- Cabinets meet or exceed 2% air leakage codes
- Sturdy, pre-painted steel cabinet
- Upflow or downflow installation
- Aluminum main tubing and aluminum fins (copper stubs for field connection)

WARRANTY*

- 5 year parts limited warranty
 - With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply.
- See Warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORMANC	UNIT PERFORMANCE DATA								
Model Size		Dimensions							
Number	(tons)	H x W x D inches (mm)	Notes						
ENW4X36L17A	3	19-13/16 x 17-1/2 x 21 (503 x 445 x 533)							
ENW4X42L21A	3-1/2	21-13/16 x 21 x 21 (432 x 533 x 533)							
ENW4X48L21A	4	24-7/8 x 21 x 21(632 x 533 x 533)							
ENW4X60L24A	5	29-1/8 x 24-1/2 x 21 (740 x 622 x 533)							

ENA4X

VERTICAL EVAPORATOR COILS UNCASED N-COILS

1¹/₂ THRU 5 TONS

ENVIRONMENTALLY SOUND R-410A SYSTEMS

• Bolt-on TXV metering device factory installed on all models (equalizer tube brazed in)

- Two condensate drain connections
- Upflow or downflow installation

• Aluminum main tubing and aluminum fins (copper stubs for field connection) **WARRANTY***

• 5 year parts limited warranty

- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORM	IANCE D	ΑΤΑ		UNIT PERFORMANCE DATA				
Model	Size	Dimensions		Model	Size	Dimensions		
Number	(tons)	H x W x D inches (mm)	Notes	Number	(tons)	H x W x D inches (mm)	Notes	
ENA4X18L14A		10-7/8 x 12-7/8 x 19-3/8		ENA4X37L17A	3	24-3/4 x 16-1/4 x 19-3/8		
EINA4A TOL 14A	1-1/2	(276 x 327 x 492)		ENA4ASTETTA	3	(629 x 413 x 492)		
ENA4X19L17A	1-1/2	14-11/16 x 16-1/4 x 19-3/8		ENA4X42L21A		16-1/2 x 19-5/8 x 19-3/8		
LINA4A19LITA		(373 x 413 x 492)			3-1/2	(419 x 499 x 492)		
ENA4X24L14A		12-7/8 x 12-7/8 x 19-3/8		ENA4X43L24A	-	24-3/8 x 23-1/8 x 19-3/8		
	2	(327 x 327 x 492)				(619 x 587 x 492)		
ENA4X24L17A	2	12-11/16 x 16-1/4 x 19-3/8		ENA4X48L21A		20-9/16 x 19-5/8 x 19-3/8		
ENA4X24L17A		(322 x 413 x 492)				(522 x 499 x 492)		
ENA4X30L14A		14-7/8 x 12-7/8 x 19-3/8		ENA4X48L24A		20-5/16 x 23-1/8 x 19-3/8		
		(378 x 327 x 492)				(516 x 587 x 492)		
ENA4X30L17A	2-1/2	14-11/16 x 16-1/4 x 19-3/8		ENA4X60L24A		24-3/8 x 23-1/8 x 19-3/8		
	2-1/2	(373 x 413 x 492)			5	(619 x 587 x 492)		
ENA4X31L17A		20-3/4 x 16-1/4 x 19-3/8		ENA4X61L24A	Ŭ	30-1/2 x 23-1/8 x 19-3/8		
		(527 x 413 x 492)				(774 x 587 x 492)		
ENIA4X36I 17A		14-11/16 x 16-1/4 x 19-3/8						
ENA4X36L17A 3	З	(373 x 413 x 492)						
ENA4X36L21A	5	14-7/16 x 19-5/8 x 19-3/8						
		(367 x 499 x 492)						

ENH4X

HORIZONTAL EVAPORATOR COILS CASED N-COILS

2 THRU 5 TONS

ENVIRONMENTALLY SOUND R-410A SYSTEMS

- Bolt-on TXV metering device factory installed on all models (equalizer tube brazed in)
- Two condensate drain connections
- Cabinet widths match flush with ICP 17-1/2", 21" and 24-1/2" gas furnace cabinets (field fabricated transitions required to match other ICP furnace models)
- Removable front access panel
- Hemmed flanges for safer handling
- Foil faced insulation
- · Non-sweat cabinet, even at extreme conditions
- Cabinets meet or exceed 2% air leakage codes
- Sturdy, pre-painted steel cabinet
- Horizontal installation

• Aluminum main tubing and aluminum fins (copper stubs for field connection) **WARRANTY***

- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty * Applies to original purchaser/homeowner, some limitations may apply.
- See Warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORMANCE	DATA		
Model Number	Size (tons)	Dimensions H x W x D inches (mm)	Notes
ENH4X24L17A	2	19 x 17-1/2 x 20-3/4 (483 x 445 x 527)	
ENH4X30L17A	2-1/2	22-1/16 x 17-1/2 x 20-3/4 (560 x 445 x 527)	
ENH4X31L17A	2-1/2	27-1/2 x 17-1/2 x 20-3/4 (699 x 445 x 527)	
ENH4X36L17A	3	22-1/16 x 17-1/2 x 20-3/4 (560 x 445 x 527)	
ENH4X42L21A	3-1/2	22-1/16 x 21 x 20-3/4 (560 x 533 x 527)	
ENH4X43L21A	5-1/2	30-1/8 x 21 x 20-3/4 (766 x 533 x 527)	
ENH4X48L21A	4	28-1/16 x 21 x 20-3/4 (713 x 533 x 527)	
ENH4X60L24A	5	29 x 24-1/2 x 20-3/4 (737 x 622 x 527)	
ENH4X61L24A	5	29-1/16 x 24-1/2 x 20-3/4 (738 x 622 x 527)	

EDM4X

CASED MULTIPOSITION A-COILS

1¹/₂ THRU 5 TONS

ENVIRONMENTALLY SOUND R-410A SYSTEMS

Widths match 15-1/2, 19-1/4, 22-3/4, 24-1/2 ICP gas furnaces FEATURES

- Removable front access panel
- Easy slide-out coil for inspection
- Two UV light knock-outs provided on cabinet
- Hemmed flanges for safer handling
- Foil faced insulation
- Non-sweat cabinet, even at extreme conditions
- Cabinets meet or exceed 2% air leakage codes
- Multiposition installation upflow, downflow, or horizontal
- Sturdy, 22 gauge, pre-painted steel cabinet
- Aluminum main tubing and aluminum fins (copper stubs for field connection)

COIL FEATURES

- Bolt-on TXV metering device factory installed on all models (equalizer tube brazed in)
- TXV and manifold positioned to the side for easier cleaning
- Innovative drain pan design for complete water removal
- Two condensate drain connections
- Two-piece delta plate for easier removal and cleaning **WARRANTY***
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFO	RMANCI	E DATA		UNIT PERFORMANCE DATA				
		Dimensions				Dimensions		
Model	Size	height x width x depth		Model	Size	height x width x depth		
Number	(tons)	inches (mm)	Notes	Number	(tons)	inches (mm)	Notes	
EDM4X18BAL	1-1/2	25-7/8 x 15-5/8 x 20-5/8		EDM4X42FAL		29-3/4 x 19-1/4 x 20-5/8		
EDIVIAA TODAL I-1/2	1-1/2	(657 x 397 x 524)		EDIM4742FAL		(756 x 489 x 524)		
EDM4X24BAL		25-7/8 x 15-5/8 x 20-5/8		EDM4X42JAL	DM4X42JAL 3-1/2	29-3/4 x 19-1/4 x 20-5/8		
	2	(657 x 397 x 524)			5-1/2	(756 x 489 x 524)		
EDM4X24FAL	2	25-7/8 x 19-1/4 x 20-5/8		EDM4X42LAL		29-3/4 x 22-7/8 x 20-5/8		
		(657 x 489 x 524)				(756 x 581 x 524)		
EDM4X30BAL		25-7/8 x 15-5/8 x 20-5/8		EDM4X48FAL		35 x 19-1/4 x 20-5/8		
LDIVI4730DAL	2-1/2	(657 x 397 x 524)				(889 x 489 x 524)		
EDM4X30FAL	2-1/2	25-7/8 x 19-1/4 x 20-5/8		EDM4X48JAL	4	29-3/4 x 22-7/8 x 20-5/8		
		(657 x 489 x 524)			-	(756 x 581 x 524)		
EDM4X36BAL		29-3/4 x 15-5/8 x 20-5/8		EDM4X48LAL		29-3/4 x 24-1/2 x 20-5/8		
LDIVI4730DAL		(756 x 397 x 524)				(756 x 622 x 524)		
	DM4X36FAL 3	29-3/4 x 19-1/4 x 20-5/8		EDM4X60JAL		35 x 22-7/8 x 20-5/8		
		(756 x 489 x 524)			5	(889 x 581 x 524)		
EDM4X36JAL		29-3/4 x 22-7/8 x 20-5/8		EDM4X60LAL		35 x 24-1/2 x 20-5/8		
		(756 x 581 x 524)				(881 x 622 x 524)		

CASED MULTIPOSITION A-COILS

R-22 Service Coils

1¹/₂ THRU 5 TONS

Widths match 15-1/2, 19-1/4, 22-3/4, 24-1/2 ICP gas furnaces FEATURES

- Removable front access panel
- · Easy slide-out coil for inspection
- Two UV light knock-outs provided on cabinet
- · Hemmed flanges for safer handling
- · Foil faced insulation
- Non-sweat cabinet, even at extreme conditions
- · Cabinets meet or exceed 2% air leakage codes
- Sturdy, 22 gauge, pre-painted steel cabinet
- Multiposition installation upflow, downflow, or horizontal
- Aluminum main tubing and aluminum fins (copper stubs for field connection)

COIL FEATURES

- Bolt-on TXV metering device factory installed on all models (equalizer tube brazed in)
- TXV and manifold positioned to the side for easier cleaning
- Innovative drain pan design for complete water removal
- Two condensate drain connections
- Two-piece delta plate for easier removal and cleaning

WARRANTY*

- 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.

UNIT PERFOR	RMANCE	DATA		UNIT PERFORMANCE DATA				
Model Number	Size (tons)	Dimensions height x width x depth inches (mm)	Notes	Model Number	Size (tons)	Dimensions height x width x depth inches (mm)	Notes	
EDM2X18BAL	1-1/2	25-7/8 x 15-5/8 x 20-5/8 (657 x 397 x 524)		EDM2X42FAL		29-3/4 x 19-1/4 x 20-5/8 (756 x 489 x 524)		
EDM2X24BAL	2	25-7/8 x 15-5/8 x 20-5/8 (657 x 397 x 524)		EDM2X42JAL	3-1/2	29-3/4 x 22-7/8 x 20-5/8 (756 x 581 x 524)		
EDM2X24FAL		25-7/8 x 19-1/4 x 20-5/8 (657 x 489 x 524)		EDM2X42LAL		29-3/4 x 24-1/2 x 20-5/8 (756 x 622 x 524)		
EDM2X30BAL	2-1/2	25-7/8 x 15-5/8 x 20-5/8 (657 x 397 x 524)		EDM2X48FAL		35 x 19-1/4 x 20-5/8 (889 x 489 x 524)		
EDM2X30FAL	2-1/2	25-7/8 x 19-1/4 x 20-5/8 (657 x 489 x 524)		EDM2X48JAL	4	29-3/4 x 22-7/8 x 20-5/8 (756 x 581 x 524)		
EDM2X36BAL		29-3/4 x 15-5/8 x 20-5/8 (756 x 397 x 524)		EDM2X48LAL		29-3/4 x 24-1/2 x 20-5/8 (756 x 622 x 524)		
EDM2X36FAL	3	29-3/4 x 19-1/4 x 20-5/8 (756 x 489 x 524)		EDM2X60JAL	5	35 x 22-7/8 x 20-5/8 (889 x 581 x 524)		
EDM2X36JAL		29-3/4 x 22-7/8 x 20-5/8 (756 x 581 x 524)		EDM2X60LAL	5	35 x 24-1/2 x 20-5/8 (881 x 622 x 524)		



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

EDM2X

EMA4X

COILS for MANUFACTURED HOUSING

2, 3 and 4 TONS

ENVIRONMENTALLY SOUND R-410A SYSTEMS FEATURES

- Designed for mobile home downflow gas furnaces
- Bolt-on TXV metering device factory installed on all models (equalizer tube brazed in)
- Two condensate drain connections
- "N" evaporator design to keep height at a minimum
- Shipped with condensate drain hose and trap
- Shipped with fittings and adapter plates
- Aluminum main tubing and aluminum fins (copper stubs for field connection)

WARRANTY*

- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply.
- See Warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORMANCE DAT	UNIT PERFORMANCE DATA									
		Dimensions								
Model	Size	height x width x depth								
Number	(tons)	inches (mm)	Notes							
EMA4X24DAL	2	12-5/8 x 17-7/8 x 19-9/16 (321 x 454 x 497)								
EMA4X36DAL	3	14-11/16 x 17-7/8 x 19-9/16 (373 x 454 x 497)								
EMA4X48DAL	4	18-3/4 x 17-7/8 x 19-9/16 (476 x 454 x 497)								

EHD4X

CASED HORIZONTAL DUCT COILS

2 THRU 5 TONS

ENVIRONMENTALLY SOUND R-410A SYSTEMS FEATURES

- Horizontal, bi-directional airflow
- Bolt-on TXV metering device factory installed on all models (equalizer tube brazed in)
- · Slide-out feature for easy cleaning
- Pre-painted steel cabinet
- Aluminum main tubing and aluminum fins (copper stubs for field connection) **WARRANTY***
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply.

See Warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORMAN	CE DATA		
Model Number	Size (tons)	Dimensions height x width x depth inches (mm)	Notes
EHD4X24AAL	2	28-3/8 x 11-3/4 x 24-1/16 (721 x 298 x 637)	
EHD4X30AAL	2-1/2	28-3/8 x 11-3/4 x 24-1/16 (721 x 298 x 637)	
EHD4X36AAL	3	28-3/8 x 11-3/4 x 28-13/16 (721 x 298 x 732)	
EHD4X42AAL	3-1/2	28-3/8 x 11-3/4 x 28-13/16 (721 x 298 x 732)	
EHD4X48AAL	4	30-3/8 x 11-3/4 x 28-13/16 (772 x 298 x 732)	
EHD4X60AAL	5	30-3/8 x 11-3/4 x 38-15/16 (772 x 298 x 989)	

MODULAR VARIABLE SPEED BLOWER CABINET

2, 3, 4 and 5 TONS

FEATURES

- · Variable speed modular blower
- Supports two-stage outdoor units
- Dehumidification Speed: 80% airflow
- Efficient low continuous fan selection: 50% airflow
- Upflow, horizontal right or left applications
- · Downflow requires sub-base accessory
- · Electronic fan control board
- Adjustable blower time delay
- · Accepts accessory two stage outdoor thermostats
- Matches with AC and HP cased coils
- 208/230-1-60 supply voltage
- · Requires a "NO HEAT KIT" if installed without electric heat
- Field installed electric heater packages from 5kW-25kW,
- single or three phase available separately SERVICE
- · Direct drive slide-out blower assembly QUALITY
- Internally lined with 1/2 inch(12.7mm) insulation
- · Thermosetting powder coated steel cabinet
- WARRANTY*
- 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply.
- See Warranty certificate for complete details.







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

UNIT PERFO	ORMANCE	E DAT	4						
		CFM	CFM Range		Dimensio	ons	Unit	Ship	
Model	Nominal			Motor	height x width	Wt.	Wt. Ibs		
Number	Tons	Low	High	HP	in/mm	lbs(kg)	(kg)	Notes	
MV080014C	2	350	1200	1/2	24 x 14-1/2 x 20-1/2	610 x 360 x 521	54(25)	58(26)	
MV120017C	3	415	1400	1/2	24 x 17-1/2 x 20-1/2	610 x 445 x 521	58(26)	62(28)	
MV160021C	4	540	2000	3/4	25 x 21 x 20-1/2	635 x 533 x 521	70(32)	75(34)	
MV200024C	5	540	2000	3/4	25 x 24-1/2 x 20-1/2	635 x 622 x 521	73(33)	79(36)	

MF

MODULAR ELECTRIC FURNACE

2, 3, 4 and 5 TONS

FEATURES

- Modular blower cabinet, air conditioning or heat pump ready
- Upflow, horizontal right or left applications
- Downflow requires sub-base accessory
- Electronic fan control board
- Three speed PSC motor on all models
- Matches with AC and HP cased coils
- · Accepts accessory two stage outdoor thermostats
- 208/230-1-60 supply voltage
- · Requires a "NO HEAT KIT" if installed without electric heat
- Field installed electric heater packages from
- 5kW-25kW, single or three phase available separately **SERVICE**
- Direct drive slide-out blower assembly

QUALITY

- Internally lined with 1/2 inch(12.7mm) insulation
- Thermosetting powder coated steel cabinet

WARRANTY*

- 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.





UNIT PERFORMANCE DATA												
Model	Nominal	Nominal	Motor	Dimensi height x widt		Unit Wt.	Ship Wt. Ibs					
Number	Tons	CFM	HP	in/mr	in/mm			Notes				
MF080014C	2	800	1/3	24 x 14-1/2 x 20-1/2	610 x 360 x 521	54(25)	58(26)					
MF120017C	3	1200	1/2	24 x 17-1/2 x 20-1/2	610 x 445 x 521	58(26)	62(28)					
MF160021C	4	1600	1/2	25 x 21 x 20-1/2	635 x 533 x 521	70(32)	75(34)					
MF200024C	5	2000	3/4	25 x 24-1/2 x 20-1/2	635 x 622 x 521	73(33)	79(36)					

MB

MODULAR BLOWER CABINET

2, 3, 4 and 5 TONS

FEATURES

- Air conditioning ready
- Heat pump ready (no electric heat)
- Upflow, downflow, horizontal right or left applications
- Thermosetting powder coated steel cabinet
- 115V-1-60 supply voltage
- Matches with AC and HP cased coils **SERVICE**
- Direct drive slide-out blower assembly **QUALITY**

Internally lined with 1/2 inch(12.7mm) insulation

WARRANTY*

- 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See Warranty certificate for complete details.





UNIT PERFORMANCE DATA											
Model	Nominal	Nominal		Dimensions height x width x depth	Unit Wt.	Ship Wt. Ibs					
Number	Tons	CFM	HP	in/mm	lbs(kg)	(kg)	Notes				
MB080014C	2	800	1/3	24 x 14-1/2 x 20-1/2 610 x 360 x 521	54(25)	58(26)					
MB120017C	3	1200	1/2	24 x 17-1/2 x 20-1/2 610 x 445 x 521	58(26)	62(28)					
MB160021C	4	1600	1/2	25 x 21 x 20-1/2 635 x 533 x 521	70(32)	75(34)					
MB200024C	5	2000	3/4	25 x 24-1/2 x 20-1/2 635 x 622 x 521	73(33)	79(36)					

Accessories (TXV)

Part Number	Description			Use	with Model Sizes	6			
Part Nulliber	Description	FCM4X	FVM4X	FXM4X	FEM4X	FSM4X	FSU4X	Notes	
EBAC01DSC	Disconnect Kit		use	e with All Heaters	s 5 kW thru 10 kW	/	_		
EBAC01NCB		2400,3600, 4800	-	1800	1800	-	-		
EBAC02NCB	Downflow Base Kit	-	2400	2400, 3000	2400, 3000	-	-		
EBAC03NCB		-	3600, 4800	3600, 4200, 4800	3500, 3600, 4200, 4800	-	-		
EBAC04NCB		6000	6000	6000	6000	6000	6000		
EBAC01DFS	Downflow Conversion Kit Slope Coil	3600	3600	1800, 2400, 3000	1800, 2400, 3000, 3500	-	-		
EBAC02DFA	Downflow Conversion Kit A-Coil	2400, 4800, 6000	2400, 4800, 6000	3600, 4200, 4800, 6000	3600, 4200, 4800, 6000	6000	6000		
EBAC01SPK	Single Point Wiring Kit		only for	use with 15 kW	& 20 kW fused he	eaters	-		
AMFK20SPA or	Single Point Wiring Kit			ALL - Only f	ior upo with				
Square D [®] part #QOU14100JBAF	Square D [®] Jumper Bar Assembly		EHK1	•	0AKB breaker hea	aters			
EBAC01FKS		-	-	-	1800*	-	-		
EBAC01FKM		2400*	2400*	1800*, 2400*	2400*, 3000*	-	-		
EBAC01FKL	Filter Kit (washable, box of 12)	3600*, 4800*	3600*, 4800*	3000*, 3600*, 4200*	3500*, 3600*, 4200*, 4800*, 6000	-	-		
EBAC01FKX	-	6000*	6000*	4800*, 6000*	-	6000*	6000		
EBAC01PLG	No Heat (Plug) Kit (box of 6)	0000 0000		ALL (Factory Installed)			ALL		
EBAC01CTK	PVC Condensate Trap (box of 50)	ALL	ALL	ALL	ALL	ALL	ALL		
EBAC01GSK	Horizontal & Downflow Gasket Kit	ALL (req horize right e	ontal	ALL (required for horizontal right and downflow)					
TSAT0101SC	Oberserver Self Configuring, Communicating Wall Control	ALL		I					
NASA00101FR	12 x 20 x 1 inches (305x508x250 mm)	ALL	ALL	ALL	ALL	ALL	ALL		
NASA00201FR	16 x 20 x 1 inches (406x508x250 mm)	ALL	ALL	ALL	ALL	ALL	ALL		
NASA00301FR	20 x 20 x 1 inches (508x508x250 mm)	ALL	ALL	ALL	ALL	ALL	ALL		
NASA00401FR	12 x 20 x 1 inches (305x508x250 mm) (qty 2)	ALL	ALL	ALL	ALL	ALL	ALL		
			FEA4X,	FSA4X				Notes	
Part Number	Description								
AMWK001CK	Cooling Control Kit								
AMWK001WG	Louvered Wall Panel (D FEA4X 1800, 2400 F				S				
AMWK002WG	Louvered Wall Panel (Decorative Grille) with Frame for model sizes FEA4X 3000, 3600 FSA4X 3600 (package of 6)								
AMWK001MK	Wall Mounting (Suspended) Brackets Kit								

*Factory Supplied

Accessories (TXV) (continued)

	EHC ELECTRIC HEATERS for FCM4X								
Part Number	Description	Use with	Notes						
EHC09AKCN	9 kW, supplied as single phase, no internal circuit protection	ALL							
EHC15AKF	15 kW, single phase, with fuses	ALL							
EHC15AKB	15 kW, single phase, with circuit breakers	ALL							
EHC20AKF	20 kW, 1-phase, with fuses	ALL							
EHC20AKB	20 kW, 1-phase, with circuit breakers	ALL							
EHC25AHCF	25 kW, supplied as 3-phase, field convertible to 1 phase, with fuses	ALL							
EHC30AHCF	30 kW, supplied as 3-phase, field convertible to 1 phase, with circuit	4800, 6000							
	EHK ELECTRIC HEATERS for FCM4X	,							
EHK05AKN	5 kW, single phase, no internal circuit protection	ALL							
EHK05AKB	5 kW, single phase, with circuit breakers	ALL							
EHK07AKN	8 kW, single phase, no internal circuit protection	ALL							
EHK07AKB	8 kW, single phase, with circuit breakers	ALL							
	9 kW, supplied as single phase, field convertible to	3600, 4800,							
EHK09AKCN	3-phase, no internal circuit protection	6000							
EHK10AKN	10 kW, single phase, no internal circuit protection	ALL							
EHK10AKB	10 kW, single phase, with circuit breakers	ALL							
EHK15AKF	15 kW, single phase, with fuses	ALL							
EHK15AKB	15 kW, single phase, with circuit breakers	ALL							
EHK15AHN	15 kW, 3-phase, no internal circuit protection	ALL							
EHK15AHN EHK18AHN	18 kW, 3-phase, no internal circuit protection	4800, 6000							
EHK20AKF	20 kW, single phase, with fuses	ALL							
EHK20AKB	20 kW, single phase, with circuit breakers	ALL							
EHK25AHCF	24 kW, supplied as 3-phase, field convertible to single phase, with fuses	4800, 6000							
EHK30AHCF	30 kW, supplied as 3-phase, field convertible to single phase, with fuses	4800, 6000							
D (N 1	EHK ELECTRIC HEATERS for FVM, FXM4X, FEM, FSM, FSU	<u> </u>	N 4						
Part Number	Description	Use with	Notes						
EHK05AKN	5 kW, single phase, no internal circuit protection	ALL							
EHK05AKB	5 kW, single phase, with circuit breakers	ALL							
EHK07AKN	8 kW, single phase, no internal circuit protection	ALL							
EHK07AKB	8 kW, single phase, with circuit breakers	ALL							
	9 kW, supplied as single phase, field convertible to	3500, 3600,							
EHK09AKCN	3-phase, no internal circuit protection	4200, 4800,							
		6000							
EHK10AKN	10 kW, single phase, no internal circuit protection	ALL							
EHK10AKB	10 kW, single phase, with circuit breakers	ALL							
		2400, 3000,							
EHK15AKF	15 kW, single phase, with fuses	3500, 3600,							
		4200, 4800, 6000							
		1200, 1000, 0000							
		2400, 3000,							
EHK15AKB	15 kW, single phase, with circuit breakers	3500, 3600,							
		4200, 4800, 6000							
		3500, 3600,							
EHK15AHN	15 kW, 3-phase, no internal circuit protection	4200, 4800,							
		6000							
EHK18AHN	18 kW, 3-phase, no internal circuit protection	4200, 4800,							
		6000							
		3000, 3500,							
EHK20AKF	20 kW, single phase, with fuses	3600, 4200,							
		4800, 6000							
		3000, 3500,							
EHK20AKB	20 kW, single phase, with circuit breakers	3600, 4200,							
		4800, 6000							
	1	continued on							

continued on next page

Accessories (TXV) (continued)

EHK ELECTRIC HEATERS for FVM, FXM4X, FEM, FSM, FSU (continued)						
Part Number	Description	Use with	Price			
EHK25AHCF	2400 kW, supplied as 3-phase, field convertible to single phase, with fuses	4800, 6000				
EHK30AHCF	30 kW, supplied as 3-phase, field convertible to single phase, with fuses	4800, 6000				
	ELECTRIC HEATERS for FSA					
Part Number	Description	Use with	Price			
AMWK005AH	5 kW, single phase, 208 / 230V, 60 Hz	ALL				
AMWK007AH	7 kW, single phase, 208 / 230V, 60 Hz	ALL				
AMWK011AH	11 kW, single phase, 208 / 230V, 60 Hz	ALL				
	MV & MF					
Model	Description	Used with	Price			
AMFK20SPA	Single Point Wiring Kit (4-pole)	15-20 kW				
AMFK30SPA	Single Point Wiring Kit (6-pole)	25 kW				
AMF008DFB1	Downflow kit	8				
AMF012DFB1	Downflow kit	12				
AMF016DFB1	Downflow kit	16				
AMF020DFB1	Downflow kit	20				

	ELECTRIC HEATERS for MV & MF Series							
Model	Description	Used with	Price					
EHIA00KN10	No Heat Kit	08, 12, 16, 20						
EHIA05KB10	5 kW 1-Phase w/C.B.	08, 12, 16, 20						
EHIA05KN10	5 kW 1-Phase w/T.B.	08, 12, 16, 20						
EHIA07KB10	7.5 kW 1-Phase w/C.B.	08, 12, 16, 20						
EHIA07KN10	7.5 kW 1-Phase w/T.B.	08, 12, 16, 20						
EHIA10KB10	10 kW 1-Phase w/C.B.	08, 12, 16, 20						
EHIA10KN10	10 kW 1-Phase w/T.B.	08, 12, 16, 20						
EHIA15KB10	15 kW 1-Phase w/C.B.	08, 12, 16, 20						
EHIA20KB10	20 kW 1-Phase w/C.B.	12, 16, 20						
EHIA25KB10	25 kW 1-Phase w/C.B.	16, 20						
EHIA10HB10	10 kW 3-Phase w/C.B.	12, 16, 20						
EHIA15HB10	15 kW 3-Phase w/C.B.	12, 16, 20						
EHIA20HB10	20 kW 3-Phase w/C.B.	16, 20						
EHIA25HB10	25 kW 3-Phase w/C.B.	16, 20						

Accessories (Piston)

Dout Number	Description	Use with	Notoo	
Part Number	Description	FEM4P FSM4P & FSU4P		Notes
EBAC01DSC	Disconnect Kit	use with All Heater	rs 3 kW thru 10 kW	
EBAC01NCB		1800, 2400	-	
EBAC02NCB	Downflow Base Kit	3000, 3600	1800, 2400	
EBAC03NCB		4200, 4800, 6000	3000, 3600, 4200, 4800	
EBAC01DFS	Downflow Conversion Kit - Slope Coil	1800, 2400, 3000, 3600	1800, 2400, 3000, 3600	
EBAC02DFA	Downflow Conversion Kit - "A" Coil	4200, 4800, 6000	4200, 4800	
EBAC01SPK	Single Point Wiring Kit	Only for use with	n 15 kW & 20 kW heaters	
AMFK20SPA or	Single Point Wiring Kit	Only for	use with	
Square D [®] part #QOU14100JBAF	Square D [®] Jumper Bar Assembly	EHK15AKB a	nd EHK20AKB	
EBAC01FKS		1800, 2400	-	
EBAC01FKM	Filter Kit	3000, 3600	1800, 2400	
EBAC01FKL	(washable, box of 12)	4200, 4800, 6000	3000, 3600, 4200	
EBAC01FKX	1	-	4800	
EBAC01PLG	No Heat (Plug) Kit (box of 6)		LL (Factory Installed) IP - All	
EBAC01CTK	PVC Condensate Trap Kit (box of 50)	ALL	ALL	
EBAC01GSK	Downflow Gasket Kit	ALL (required for horizontal right and downflow)	ALL	
NAEA40501TX	TXV Kit, R-410A	1800, 2400, 3000	1800, 2400, 3000	
NAEA40601TX	TXV Kit, R-410A	3600, 4200	3600, 4200	
NAEA40701TX	TXV Kit, R-410A	4800, 6000	4800	
NAEA20101TX	TXV Kit, R-22	1800, 2400, 3000, 3600, 4200	1800, 2400, 3000, 3600, 4200	
NAEA20201TX	TXV Kit, R-22	4800	4800	
NAEA20301TX	TXV Kit, R-22	6000	-	
NASA00101FR	12 x 20 x 1 inches (305x508x250 mm)	ALL	ALL	
NASA00201FR	16 x 20 x 1 inches (406x508x250 mm)	ALL	ALL	
	20 x 20 x 1 inches (508x508x250 mm)	ALL	ALL	
NASA00401FR	12 x 20 x 1 inches (305x508x250 mm) (qty 2)		ALL	
	ELECTRIC HEATERS for	FEM4P, FSM4P, F		
Part Number	Description		Use with	Notes
EHK05AKN	5 kW, single phase, no internal circuit pro	tection	ALL	
EHK05AKB	5 kW, single phase, with circuit breakers		ALL	
EHK07AKN	8 kW, single phase, no internal circuit pro	tection	ALL	
EHK07AKB	8 kW, single phase, with circuit breakers	ALL		
EHK09AKCN	9 kW, supplied as single phase, field conv	vertible to	3600, 4200, 4800,	
	3-phase, no internal circuit protection	6000		
EHK10AKN	10 kW, single phase, no internal circuit pr	ALL		
EHK10AKB	10 kW, single phase, with circuit breakers	5	ALL	
EHK15AKF	15 kW, single phase, with fuses	2400, 3000, 3600, 4200, 4800, 6000		
EHK15AKB	15 kW, single phase, with circuit breakers		2400, 3000, 3600, 4200, 4800, 6000	
EHK15AHN	15 kW, 3-phase, no internal circuit protect	tion	3600, 4200, 4800, 6000	

continued on next page

Accessories (Piston)

ELECTRIC HEATERS for FEM4P, FSM4P, FSU4P (continued)						
Part Number	Description	Use with	Notes			
EHK18AHN	18 kW, 3-phase, no internal circuit protection	4200, 4800, 6000				
EHK20AKF	20 kW, single phase, with fuses	3000, 3600, 4200, 4800, 6000				
EHK20AKB	20 kW, single phase, with circuit breakers	3000, 3600, 4200, 4800, 6000				
EHK25AHCF	24 kW, supplied as 3-phase, field convertible to single phase, with fuses	4800, 6000				
EHK30AHCF	30 kW, supplied as 3-phase, field convertible to single phase, with fuses	4800, 6000				
	ELECTRIC HEATERS for FMA4P					
Part Number	Description	Use with	Notes			
EHK205B	5 kW, single phase	ALL				
EHK208B	7.5 kW, single phase	ALL				
EHK210B	10 kW, single phase	ALL				
AMWK001WG	Louvered Wall Panel with Frame (6 Pack)	18, 24				
AMWK002WG	Louvered Wall Panel with Frame (6 Pack)	30, 36				
NAEA20101TX	TXV Kit, R-22	18, 24, 30, 36				
NAEA40501TX	TXV Kit, R-410A	18, 24, 30				
NAEA40601TX	TXV Kit, R-410A	36				
EBAC01CTK	PVC Condensate Trap Kit (box of 50)	ALL				

Specifications subject to change without notice.

TSTAT0101SC, 0406, 0408

TSTAT0101SC OBSERVER™ COMMUNICATING SYSTEM

- · Communication with all compatible components
- 7-Day programming
- Dual Fuel System Management
- · Four-wire installation (plus Daughter Board option)
- Four-stage heat, two-stage cool
- Digital dealer contact info display
- Full color touch screen display, with full QWERTY keyboard data entry
- Full humidity control
- · Self configuration with all compatible components
- Text based diagnostics

WARRANTY*

- 10 year No Hassle Replacement™ limited warranty
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply.
- See Warranty certificate for complete details.

TSTAT0406

- 7-Day programming
- Dual Fuel System Management
- Four-wire capability with Daughter Board
- Four-stage heat, two-stage cool
- Auto changeover
- Digital dealer contact info display
- Blue backlit display

TSTAT0408

- 7-Day programming
- Dual Fuel System Management
- · Four-wire capability with Daughter Board
- Four-stage heat, Two-stage cool
- Auto changeover
- Digital dealer contact info display
- Blue backlit display
- Humidity control
- Option to make "H" terminal energized for dehum or de-energized for dehum

WARRANTY*

- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply.
- See Warranty certificate for complete details.

UNIT PERFORMANCE DATA	
Model Number	Notes
TSTAT0101SC	
TSTAT0406	
TSTAT0408	





FAN COIL MEDIA CLEANER

AHIC Media Cabinet

EFFICIENCY

Minimum Efficiency Reporting Value as specified by ASHRAE is MERV 8

EASY FILTER ACCESS

AHIC media cabinet allows easy filter access on fan coil systems

IMPROVED INDOOR AIR QUALITY (IAQ)

- · When used with high efficiency FAIC filter, the AHIC media cabinet provides improved IAQ
- TROUBLE FREE INSTALLATION
- · No electricity required

NEARLY MAINTENANCE FREE OPERATION

• Only maintenance required is replacing media filter cartridge when needed (before each heating or cooling season)

FAIC Media Filter Cartridge

EFFICIENCY

 Minimum Efficiency Reporting Value as specified by ASHRAE is MERV 8, minimum of 70% particle collection efficiency in the 3-10micron particle size

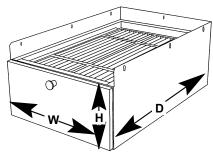
LARGE DUST HOLDING CAPACITY

- Filters accommodate between 13 and 25 sq. ft. of filter media into a low-pressure drop design providing large dust holding capacities
- Large surface area traps dust, pollen, molds, tobacco smoke, grease, soot, bacteria, and animal dander to provide cleaner, fresher air

EXCEPTIONAL SYSTEM PERFORMANCE

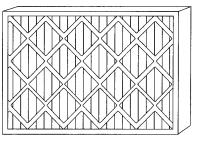
• For optimum system performance use the AHIC with FAIC high efficiency media

UNIT PERFORM	MANCE DATA		
Model Number	CFM	Dimensions height x width x depth in. (mm)	Notes
AHIC0014A	900	7.008 x 14.293 x 22.143 (178 x 363 x 562)	
AHIC0017A	1350	7.008 x 17.620 x 22.143 (178 x 448 x 562)	
AHIC0021A	2000	7.008 x 21.124 x 22.143 (178 x 537 x 562)	
AHIC0024A	2200	7.008 x 24.620 x 22.143 (178 x 625 x 562)	
Model Number	CFM	Dimensions height x width x depth in. (mm)	Notes
FAIC0014A02	13.05 sq.ft.	19.8125 x 12.175 x 4.3125 (503 x 309 x 110)	
FAIC0017A02	17.8 sq. ft.	19.8125 x 15.625 x 4.3125 (503 x 397 x 110)	
FAIC0021A02	20.17 sq. ft.	19.8125 x 19.125 x 4.3125 (503 x 486 x 110)	
FAIC0024A02	24.9 sq. ft.	19.8125 x 22.625 x 4.3125 (503 x 5.75 x 110)	



AHIC & FAIC





FAIC

UVIC LAMP SYSTEM

DUAL AND SINGLE UV LAMP SYSTEMS

Ultraviolet germicidal lamps are designed to kill odor causing bacteria, mold, fungus, and microbial growth that may develop in a HVAC unit.

FEATURES

СОМРАСТ

• Single and Dual lamp configurations that meet most application requirements

FULLY ASSEMBLED

• UVIC systems are fully assembled and ready for installation COVER / CHASSIS

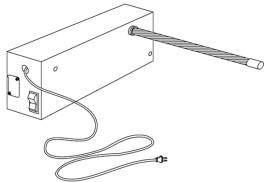
• Powder Painted 20 ga. Galvanized Steel

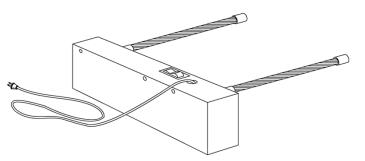
VERSATILITY & APPLICATION

- UVIC lamps can be mounted in A-Coils or slab coils in a dual or single configuration **AGENCY LISTED**
- UVIC Lamp systems are UL and cUL listed

LIMITED WARRANTY

• Five year warranty





UNIT PERFORMANCE DATA							
Single Lamp	ELECTRICAL (Single Phase)	Initial UVC Output at 1 meter (in micro-watts per square Centimeter and 70. F) and 400 fpm Airflow	Power Consumption Power Factor	Notes			
UVICA1LPA	115V .38A 50/60 Hz.	112	40 W / .99				
UVICK1LPA	208/230V .2A 50/60 Hz.	112	40 00 7 .99				
Dual Lamp							
UVICA2LPA	115V .65A 50/60 Hz.	220	75 W / .99				
UVICK2LPA	208/230V .37A 50/60 Hz.	220	13 10 1.99				
UVICXRPLA	Replacement blub						

RESIDENTIAL HEATING

NOTES

G9MAE

Up to 98% AFUE COMMUNICATING, MODULATING GAS FURNACE

EASIER TO SELL

- 98% AFUE on G9MAE0602120, all positions 97% AFUE all other models, all positions
- All models have earned the ENERGY STAR[®]
- Modulating heating operation (40% 100% capacity)
- Observer[™] Communicating Control System
- Xtra SEER Variable Speed ECM blower motor
- Supports single- and two-stage cooling units
- Dehumidification feature in cooling
- California NOx approved
- · Certified 2% or less leakage of nominal air conditioning CFM delivered when pressurized to 1-inch water column with all present air inlets, air outlets, and condensate drain port(s) sealed

TOUGHER

- Flame roll-out sensors standard
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- RPJ[®] primary heat exchanger
- · Stainless steel secondary heat exchanger
- · High temperature limit control prevents overheating
- · Direct ignition with Silicon Nitride ignitor

QUIETER

- · Operates at quieter, lower heating rates
- · Variable speed induced draft combustion blower
- Variable speed ECM blower motor
- Insulated steel cabinet

EASIER TO INSTALL AND SERVICE

- · Direct vent (2-pipe) or ventilated combustion air
- 24 VAC humidifier terminal
- Electronic air cleaner terminal
- 35" (889mm) high, for ease of installation and room for service
- · Innovative knobs for easy door removal and secure attachment
- · Factory shipped for natural gas, with propane gas conversion kits available
- Four position upflow/downflow/horizontal (left/right) installation
- At least twelve different venting configurations
- Through the casing flue pipe for counterflow
- or horizontal applications with accessory kit (order separately)
- Concentric vent available
- Simple troubleshooting of gas valve
- Self-configuring and communicating control
- Slide out heat exchanger assembly and blower assembly WARRANTY *
- 10 year No Hassle Replacement[™] limited warranty
- · Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.

UNIT PERFORMANCE DATA						
			Cooling			
			Capacity			
	Heating	Efficiency	CFM range	Operating Dimensions	Shipping	
Model	Input	Range	@ .5 in. w.c.	Height x Width x Depth	Weight	
Number	(MBTUH)	AFUE	(125 Pa)	inches (millimeters)	lbs (kg)	Notes
G9MAE0601714A	60,000	97%	510-1335	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	154 (69)	
G9MAE0602120A	60,600	98%	510-1905	35 x 21 x 29-1/2 (889 x 533 x 750)	159 (70)	
G9MAE0801714A	80,000	97%	490-1375	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	164 (74)	
G9MAE0802120A	80,000	97%	750-1945	35 x 21 x 29-1/2 (889 x 533 x 750)	169 (77)	
G9MAE1002122A	100,000	97%	715-2160	35 x 21 x 29-1/2 (889 x 533 x 750)	179 (80)	
G9MAE1202422A	120,000	97%	885-2185	35 x 24-1/2 x 29-1/2 (889 x 622 x 750)	203 (91)	



TSTAT0101SC Recommended (sold separately)



Illustrations and photographs are only representative Some Product models may vary.

WARNING

CARBON MONOXIDE POISONING AND FIRE HAZARD Failure to follow this warning could result in personal injur injury, death and/or property damage. This furnace is not designed for use in recreation vehicles, manufactured (mobile) homes or outdoors. Failure to follow this warning could result in personal injury, death, and/or property damage.

CERTIFIED

Use of the AHRI Certified TM Mark

in the program. For verification of

www.ahridirectorv.org







G9MVE

Up to 96% AFUE, COMMUNICATING, TWO-STAGE GAS FURNACE

EASIER TO SELL

- Up to 96% AFUE, all models, all positions
- All models have earned the ENERGY STAR[®]
- Two-stage heating operation
- Observer[™] Communicating Control System
- Xtra SEER Variable speed ECM blower motor
- Supports single- and two-stage cooling units
- Dehumidification feature in cooling California NOx approved
- · Certified 2% or less leakage of nominal air conditioning CFM delivered when pressurized to 1-inch water column with all present air inlets, air outlets, and condensate drain port(s) sealed

TOUGHER

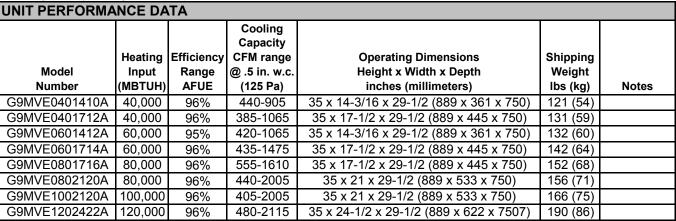
- Flame roll-out sensors standard
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- RPJ[®] primary heat exchanger
- Stainless steel secondary heat exchanger
- · High temperature limit control prevents overheating
- Direct ignition with Silicon Nitride ignitor

QUIETER

- Operates at guieter, lower heating rates
- Two-speed induced draft combustion blower
- Variable speed ECM blower motor
- Insulated steel cabinet
- EASIER TO INSTALL AND SERVICE
- Direct vent (2-pipe), single-pipe venting or ventilated combustion air
- 24 VAC humidifier terminal
- Electronic air cleaner terminal
- 35" (889mm) high, for ease of installation
- · Innovative knobs for easy door removal and secure attachment
- · Factory shipped for natural gas, with propane gas
- conversion kits available
- Four position upflow/downflow/horizontal (left/right) installation
- At least twelve different venting configurations
- · Through the casing flue pipe for counterflow or horizontal applications with accessory (order separately)
- Self-configuring and communicating control
- Concentric vent available
- Slide out heat exchanger assembly and blower assembly WARRANTY *
- 10 year No Hassle Replacement[™] limited warranty
- Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty

* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions,

including warranty coveragefor other applications.







A



Some Product models may vary

WARNING

CARBON MONOXIDE POISONING AND FIRE HAZARD Failure to follow this warning could result in personal injury, death and/or property damage. This furnace is not designed for use in recreation vehicles, manufactured (mobile) homes or outdoors.

Failure to follow this warning could result in personal injury, death and/or property damage





CERTIFIED

Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org

ENER	
Annual Fuel Utilizatio	n Efficiency (AFUE)
	THIS MODEL
uo 78% 82%	нан 88% 97%

G9MXT

Up to 96% AFUE, TWO-STAGE, ECM GAS FURNACE

EASIER TO SELL

- Up to 96% AFUE, all models, all positions
- All models have earned the ENERGY STAR
- Two-stage heating operation
- Xtra SEER ECM blower motor
- Supports single- and two-stage cooling units
 Approved for twinning applications (0001110)
- Approved for twinning applications (0601412 through 1202420) with accessory (order separately)
- Dehumidification feature in cooling
- Electronic air cleaner terminal
- California NOx approved
- Certified 2% or less leakage of nominal air conditioning CFM delivered when pressurized to 1-inch water column with all present air inlets, air outlets, and condensate drain port(s) sealed

TOUGHER

- Flame roll-out sensors standard
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- Stainless steel secondary heat exchanger
- · High temperature limit control prevents overheating
- Direct ignition with Silicon Nitride ignitor
- · High-quality, corrosion-resistant, one-piece steel cabinet

QUIETER

- Operates at quieter, lower heating rates
- Two-speed induced draft combustion blower
- Insulated steel cabinet

EASIER TO INSTALL AND SERVICE

- Direct vent (2-pipe), single-pipe venting, or ventilated combustion air
- 24 VAC humidifier terminal
- 35" (889mm) high, for ease of installation
- · Innovative knobs for easy door removal and secure attachment
- Factory shipped for natural gas, with propane gas
- conversion kits available
- Four position upflow/downflow/horizontal (left/right) installation
- At least twelve different venting configurations
- Through the casing flue pipe for counterflow
- or horizontal applications with accessory (order separately)
- Concentric vent available
- Self diagnostics with super bright LED
- Slide out heat exchanger assembly and blower assembly

WARRANTY *

- 5 year No Hassle Replacement™ limited warranty
- · Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty

* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions,

including warranty coveragefor other applications.

UNIT PERFORMA	UNIT PERFORMANCE DATA							
			Cooling					
			Capacity					
	Heating		CFM range	Operating Dimensions	Shipping			
Model	Input	Efficiency	@ .5 in. w.c.	• •	Weight			
Number	(MBTUH)	AFUE	(125 Pa)	inches (millimeters)	lbs (kg)	Notes		
G9MXT0401410A	40,000	96%	385-925	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	125 (56)			
G9MXT0401712A	40,000	96%	330-1085	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	135 (61)			
G9MXT0601412A	60,000	95.5%	620-1090	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	136 (62)			
G9MXT0601714A	60,000	96%	530-1505	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	146 (66)			
G9MXT0801716A	80,000	96%	920-1610	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	156 (70)			
G9MXT0802120A	80,000	96%	795-2015	35 x 21 x 29-1/2 (889 x 533 x 750)	161 (73)			
G9MXT1002120A	100,000	96%	1105-2110	35 x 21 x 29-1/2 (889 x 533 x 750)	171 (77)			
G9MXT1202422A	120,000	96%	1215-2055	35 x 24-1/2 x 29-1/2 (889 x 622 x 750)	195 (88)			



Some Product models may vary.

WARNING

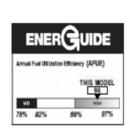
CARBON MONOXIDE POISONING AND FIRE HAZARD Failure to follow this warning could result in personal injury, death, and/or property damage. This furnace is not designed for use in recreation vehicles, manufactured (mobile) homes or outdoors. Failure to follow this warning could result in personal injury, death, and/or procerty damage.





4

Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.



G9MXE

Up to 96% AFUE, SINGLE STAGE, ECM GAS FURNACE

EASIER TO SELL

- Up to 96% AFUE, all models all positions
- Select models earn the ENERGY STAR[®] (See below, indicated with check mark.)
- Xtra SEER ECM blower motor
- · Supports single- and two-stage cooling units
- Approved for twinning applications (0601412 through 1202420) with accessory (order separately)
- Approved for manufactured housing/mobile home applications with accessory (order separately)
- Dehumidification feature in cooling
- · California NOx approved
- · Certified 2% or less leakage of nominal air conditioning CFM delivered when pressurized to 1-inch water column with all present air inlets, air outlets, and condensate drain port(s) sealed

TOUGHER

- · Flame roll-out sensors standard
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- Stainless steel secondary heat exchanger
- High temperature limit control prevents overheating
- Direct ignition with Silicon Nitride ignitor
- · High-quality, corrosion-resistant, one-piece steel cabinet

QUIETER

- Insulated blower compartment
- EASIER TO INSTALL AND SERVICE
- · Direct vent (2-pipe), single-pipe venting, or ventilated combustion air
- 24 VAC humidifier terminal
- · Electronic air cleaner terminal
- 35" (889mm) high, for ease of installation
- · Innovative knobs for easy door removal and secure attachment
- · Factory shipped for natural gas, with propane gas conversion kits available
- Four position upflow/downflow/horizontal (left/right) installation
- · At least twelve different venting configurations
- Through the casing flue pipe for counterflow
- or horizontal applications with accessory (order separately)
- · Concentric vent available
- · Self diagnostics with super bright LED
- Slide out heat exchanger and blower assembly

WARRANTY *

- 1 year No Hassle Replacement[™] limited warranty
- · Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty

* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions

Illustrations and photographs are only representative. Some Product models may vary.

WARNING

CARBON MONOXIDE POISONING AND FIRE HAZARD Failure to follow this warning could result in personal injury, death,

and/or property damage. This furnace is not designed for use in recreation vehicles

Failure to follow this warning could result in personal injury, death and/or property damage.



821

indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org

For owner occupied, residential applications only. See warranty certificate for complete details and restrictions,							
including warranty cov	eragefor other	applications.					
UNIT PERFORMANCE DATA							
	Heating		Cooling Capacity CFM range @ .5 in.	Operating Dimensions	Shipping		
Model	Input	Efficiency	w.c.	Height x Width x Depth	Weight		
Number	(MBTUH)	AFUE	(125 Pa)	inches (millimeters)	lbs (kg)	Notes	
G9MXE0401410A	40,000	96%	385-925	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	120 (54)		
G9MXE0401712A	40,000	96%	330-1085	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	135 (61)		
G9MXE0601412A	60,000	95.5%	620-1090	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	136 (62)		
G9MXE0601714A	60,000	96%	530-1505	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	141 (63)		
G9MXE0801716A	80,000	96%	920-1610	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	151 (98)		
G9MXE0802120A	80,000	96%	795-2015	35 x 21 x 29-1/2 (889 x 533 x 750)	156 (71)		
G9MXE1002120A	100,000	96%	1105-2110	35 x 21 x 29-1/2 (889 x 533 x 750)	166 (75)		
G9MXE1202422A	120,000	96%	1215-2055	35 x 24-1/2 x 29-1/2 (889 x 622 x 750)	190 (85)		

N9MSE

95.5% AFUE, SINGLE STAGE, GAS FURNACE

EASIER TO SELL

- 95.5% AFUE, all models all positions, California NOx approved
- Certified 2% or less leakage of nominal air conditioning CFM delivered when pressurized to 1-inch water column with all present air inlets, air outlets, and condensate drain port(s) sealed
- Approved for twinning applications (0601410 through 1202420) with accessory (order separately)
- Approved for manufactured housing/mobile home applications with accessory (order separately)

TOUGHER

- Flame roll-out sensors standard
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- RPJ® primary heat exchanger
- Stainless steel secondary heat exchanger
- · High temperature limit control prevents overheating
- Direct ignition with Silicon Nitride ignitor
- · High-quality, corrosion-resistant, one-piece steel cabinet

EASIER TO INSTALL AND SERVICE

- Direct vent (2-pipe), single-pipe venting, or ventilated combustion air
- 24 VAC humidifier terminal & electronic air cleaner terminal
- 35" (889mm) high, for ease of installation
- · Simplified, factory installed internal condensate drain system
- · Innovative knobs for easy door removal and secure attachment
- Factory shipped for natural gas, with propane gas conversion kits available
- Four position upflow/downflow/horizontal (left/right) installation
- At least twelve different venting configurations
- Through the casing flue pipe for counterflow
- or horizontal applications with accessory (order separately)
- Concentric vent available
- Self diagnostics with super bright LED
- Slide out heat exchanger and blower assembly

WARRANTY *

- 20 year heat exchanger limited warranty
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty

* Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.

UNIT PERFORMANCE DATA										
			Cooling							
			Capacity CFM							
	Heating		range @ .5 in.	Operating Dimensions	Shipping					
Model	Input	Efficiency	w.c.	Height x Width x Depth	Weight					
Number	(MBTUH)	AFUE	(125 Pa)	inches (millimeters)	lbs (kg)	Notes				
N9MSE0401410A	40,000	95.5%	625-905	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	123 (55)					
N9MSE0401712A	40,000	95.5%	650-1050	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	134 (61)					
N9MSE0601410A	60,000	95.5%	675-1130	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	127 (57)					
N9MSE0601714A	60,000	95.5%	650-1420	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	144 (65)					
N9MSE0801716A	80,000	95.5%	810-1600	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	154 (69)					
N9MSE0802120A	80,000	95.5%	1335-1970	35 x 21 x 29-1/2 (889 x 533 x 750)	162 (73)					
N9MSE1002114A	100,000	95.5%	915-1545	35 x 21 x 29-1/2 (889 x 533 x 750)	169 (76)					
N9MSE1002120A	100,000	95.5%	1345-2065	35 x 21 x 29-1/2 (889 x 533 x 750)	169 (76)					
N9MSE1202420A	120,000	95.5%	1320-2105	35 x 24-1/2 x 29-1/2 (889 x 622 x 750)	186 (84)					
N9MSE1402420A	140,000	95.5%	1290-2035	35 x 24-1/2 x 29-1/2 (889 x 622 x 750)	190 (86)					



Illustrations and photographs are only representative. Some Product models may vary.

WARNING

CARBON MONOXIDE POISONING AND FIRE HAZARD Failure to follow this warning could result in personal injury, death, and/or property damage. This furnace is not designed for use in recreation vehicles

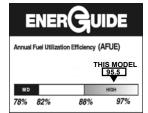
or outdoors. Failure to follow this warning could result in personal injury, death

Failure to follow this warning could result in personal injury, death, and/or property damage.





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.



N9MSB

92.1% AFUE, SINGLE STAGE, GAS FURNACE

EASIER TO SELL

- 92.1% AFUE, all models all positions, California NOx approved
- Certified 2% or less leakage of nominal air conditioning CFM delivered when pressurized to 1-inch water column with all present air inlets, air outlets, and condensate drain port(s) sealed
- Approved for twinning applications (0601412 through 1202422) with accessory (order separately)
- Approved for manufactured housing/mobile home applications with accessory (order separately)

TOUGHER

- Flame roll-out sensors standard
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- \bullet RPJ $\ensuremath{\mathbb{R}}$ primary heat exchanger
- Stainless steel secondary heat exchanger
- High temperature limit control prevents overheating
- Direct ignition with Silicon Nitride ignitor
- High-quality, corrosion-resistant, one-piece steel cabinet

EASIER TO INSTALL AND SERVICE

- Direct vent (2-pipe), single-pipe venting, or ventilated combustion air
- 24 VAC humidifier terminal, electronic air cleaner terminal
- 35" (889mm) high, for ease of installation
- Simplified, factory installed internal condensate drain system
- Innovative knobs for easy door removal and secure attachment
- Factory shipped for natural gas, with propane gas conversion kits available
- Four position upflow/downflow/horizontal (left/right) installation
- At least twelve different venting configurations
- Through the casing flue pipe for counterflow
- or horizontal applications with accessory (order separately)
- Concentric vent available
- Self diagnostics with super bright LED
- Slide out heat exchanger and blower assembly

WARRANTY *

- 20 year heat exchanger limited warranty
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.

UNIT PERFORM	UNIT PERFORMANCE DATA											
			Cooling									
			Capacity CFM									
	Heating		range @ .5 in.	Operating Dimensions	Shipping							
Model	Input	Efficiency	w.c.	Height x Width x Depth	Weight							
Number	(MBTUH)	AFUE	(125 Pa)	inches (millimeters)	lbs (kg)	Notes						
N9MSB0401410B	40,000	92.1%	580-965	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	121 (55)							
N9MSB0401712B	40,000	92.1%	670-1100	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	125 (57)							
N9MSB0601412B	60,000	92.1%	630-1155	35 x 14-3/16 x 29-1/2 (889 x 361 x 750)	127 (57)							
N9MSB0601716B	60,000	92.1%	685-1505	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	142 (65)							
N9MSB0801716B	80,000	92.1%	780-1630	35 x 17-1/2 x 29-1/2 (889 x 445 x 750)	151 (69)							
N9MSB0802120B	80,000	92.1%	835-1960	35 x 21 x 29-1/2 (889 x 533 x 750)	159 (72)							
N9MSB1002116B	100,000	92.1%	875-1570	35 x 21 x 29-1/2 (889 x 533 x 750)	166 (76)							
N9MSB1002122B	100,000	92.1%	1330-2280	35 x 21 x 29-1/2 (889 x 533 x 750)	166 (76)							
N9MSB1202422B	120,000	92.1%	1350-2230	35 x 24-1/2 x 29-1/2 (889 x 622 x 750)	184 (84)							



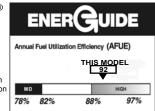
Illustrations and photographs are only representative. Some Product models may vary.



CAREON MONOXIDE POISONING AND FIRE HAZARD Failure to follow this warning could result in personal injury, death, and/or property damage. This furnace is not designed for use in recreation vehicles or outdoors. Failure to follow this warning could result in personal injury, death, and/or property damage.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification for individual products, go to www.ahridirectory.org.



G8MVL

80% VARIABLE SPEED, TWO-STAGE GAS FURNACE

EASIER TO SELL

- 80% AFUE
- Supports two-stage cooling units
- Observer[™] Communicating Control System
- Flame roll-out sensors standard
- Category I venting
- Blocked vent switch
- Dehumidification feature in cooling
- 24 VAC humidifier terminal
- Electronic air cleaner terminal
- · California NOx approved

TOUGHER

- Variable speed ECM blower motor
- · Adjustable heating blower OFF delay
- · Factory set blower ON delay
- RPJ Aluminized steel heat exchanger
- · High temperature limit control prevents overheating
- Direct ignition with Silicon Nitride ignitor
- One piece prepainted steel cabinet

QUIETER

- Two-stage operation
- Two-stage induced draft blower
- In-shot burners
- Insulated blower compartment

EASIER TO INSTALL AND SERVICE

- 33-1/3" (847mm) high, for ease of installation
- Innovative knobs for easy door removal and secure attachment
- · Factory shipped for natural gas, with propane gas conversion kits available
- Four position upflow/downflow/horizontal (left/right) installation
- Three position vent elbow capability
- · Through the casing flue pipe for counterflow applications
- · Common venting with other Category I appliances
- Masonry chimney adapter available
- Self diagnostics
- Slide out blower assembly

WARRANTY *

- 10 year No Hassle Replacement[™] limited warranty
- · 20 year heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.

UNIT PERFORMANCE DATA											
	Heating		Cooling Capacity CFM range	Operating Dimensions	Operating						
Model	Input	Efficiency	@ .5 in. w.c.	Height x Width x Depth	Weight						
Number	(MBTUH)	AFUE	(125 Pa)	inches (millimeters)	lbs (kg)	Notes					
G8MVL0701412A	66,000	80%	485-1395	33-1/3 x 14-3/16 x 29 (847 x 360 x 737)	115 (52)						
G8MVL0901716A	88,000	80%	475-1595	33-1/3 x 17-1/2 x 29 (847 x 445 x 737)	130 (59)						
G8MVL1102120A	110,000	80%	700-2155	33-1/3 x 21 x 29 (847 x 533 x 737)	155 (70)						
G8MVL1352422A	132,000	80%	665-2200	33-1/3 x 24-1/2 x 29 (847 x 622 x 737)	166 (75)						



TSTAT0101SC Recommended (sold separately)



Illustrations and photographs are only representative. Some Product models may vary.

WARNING

CARBON MONOXIDE POISONING AND FIRE HAZARD Failure to follow this warning could result in personal injury, death, and/or property damage. This furnace is not designed for use in recreation vehicles, manufactured (mobile) homes or outdoors. Failure to follow this warning could result in personal injury, death, and/or property damage.





ISO 9001



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

G8MTL

80% TWO-STAGE GAS FURNACE

EASIER TO SELL

- 80% AFUE
- Supports two-stage cooling units
- Flame roll-out sensors standard
- Category I venting
- · Blocked vent switch
- Dehumidification feature in cooling
- 24 VAC humidifier terminal
- Electronic air cleaner terminal
- Twinning furnaces of same heating and cooling sizes
- California NOx approved
- Certified 2% or less leakage of nominal air conditioning CFM delivered when pressurized to 1-inch water gauge with all present air inlets, air outlets, and condensate drain port(s) sealed

TOUGHER

- PSC blower motor
- Adjustable heating blower OFF delay
- · Factory set blower ON delay
- RPJ Aluminized steel heat exchanger
- High temperature limit control prevents overheating
- Direct ignition with Silicon Nitride ignitor
- One piece prepainted steel cabinet

QUIETER

- Two-stage operation
- Two-stage induced draft blower
- In-shot burners
- · Blower compartment insulated
- EASY TO INSTALL AND SERVICE
- 33-1/3" (847mm) high, for ease of installation
- · Innovative knobs for easy door removal and secure attachment
- · Factory shipped for natural gas, with Propane gas conversion kits available
- Four position upflow/downflow/horizontal (left/right) installation
- · Three position vent elbow capability
- Through the casing flue pipe for counterflow applications
- · Common venting with other Category I appliances
- Masonry chimney adapter available
- Self diagnostics
- Slide out blower assembly

WARRANTY *

- 5 year No Hassle Replacement™ limited warranty
- · 20 year heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.

UNIT PERFORMANCE DATA										
			Cooling							
			Capacity							
	Heating		CFM range	Operating Dimensions	Operating					
Model	Input	Efficiency	@ .5 in. w.c.	Height x Width x Depth	Weight					
Number	(MBTUH)	AFUE	(125 Pa)	inches (millimeters)	lbs (kg)	Notes				
G8MTL0451412A	44,000	80%	745-1175	33-1/3 x 14-3/16 x 29 (847 x 360 x 737)	107 (52)					
G8MTL0701412A	66,000	80%	670-1240	33-1/3 x 14-3/16 x 29 (847 x 360 x 737)	115 (52)					
G8MTL0901714A	88,000	80%	1065-1385	33-1/3 x 17-1/2 x 29 (847 x 445 x 737)	127 (58)					
G8MTL1102122A	110,000	80%	1180-2235	33-1/3 x 21 x 29 (847 x 533 x 737)	152 (69)					
G8MTL1352422A	132,000	80%	1485-2195	33-1/3 x 24-1/2 x 29 (847 x 622 x 737)	163 (74)					



Illustrations and photographs are only representative. Some Product models may vary

WARNING

CARBON MONOXIDE POISONING AND FIRE HAZARD Failure to follow this warning could result in personal injury, death, and/or property damage. This furnace is not designed for use in recreation vehicles, manufactured (mobile) homes or outdoors. Failure to follow this warning could result in personal injury, death, and/or property damage.





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

G8MXN, G8MXL

80% SINGLE STAGE GAS FURNACE

EASIER TO SELL

- 80% AFUE
- Supports two-stage cooling units
- Flame roll-out sensors standard
- Category I venting
- · Blocked vent switch
- · Dehumidification feature in cooling
- 24 VAC humidifier terminal
- Electronic air cleaner terminal
- G8MXL model California NOx approved
- Certified 2% or less leakage of nominal air conditioning CFM delivered when pressurized to 1-inch water gauge with all present air inlets, air outlets, and condensate drain port(s) sealed

TOUGHER

- ECM blower motor
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- RPJ Aluminized steel heat exchanger
- · High temperature limit control prevents overheating
- · Direct ignition with Silicon Nitride ignitor
- One piece prepainted steel cabinet

QUIETER

- In-shot burners
- · Insulated blower compartment

EASIER TO INSTALL AND SERVICE

- 33-1/3" (847mm) high, for ease of installation
- · Innovative knobs for easy door removal and secure attachment
- · Factory shipped for natural gas, with propane gas conversion kits available
- Four position upflow/downflow/horizontal (left/right) installation
- · Three position vent elbow capability
- Through the casing flue pipe for counterflow applications
- · Common venting with other Category I appliances
- Masonry chimney adapter available
- Self diagnostics
- · Slide out blower assembly

WARRANTY *

- 1 year No Hassle Replacement[™] limited warranty
- 20 year heat exchanger limited warranty with timely registration

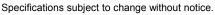
• 5 year parts limited warranty

- With timely registration, an additional 5 year parts limited warranty

* Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.

UNIT PERFORMANCE DATA

Model	Heating Input (MBTUH)	Efficienc y AFUE	Cooling Capacity CFM range @ .5 in. w.c. (125 Pa)	Operating Dimensions Height x Width x Depth inches (millimeters)	Operating Weight Ibs (kg)	Notes
G8MXN0451408A	44,000	80%	430-1035	33-1/3 x 14-3/16 x 29 (847 x 360 x 737)	104 (47)	
G8MXN0701716A	66,000	80%	835-1460	33-1/3 x 17-1/2 x 29 (847 x 445 x 737)	125 (57)	
G8MXN0902116A	88,000	80%	805-1665	33-1/3 x 21 x 29 (847 x 533 x 737)	140 (64)	
G8MXN1102120A	110,000	80%	990-2040	33-1/3 x 21 x 29 (847 x 533 x 737)	152 (69)	
G8MXN1352420A	132,000	80%	1125-2070	33-1/3 x 24-1/2 x 29 (847 x 622 x 737)	163 (74)	
LOW NOx MODELS						
G8MXL0451408A	44,000	80%	430-1035	33-1/3 x 14-3/16 x 29 (847 x 360 x 737)	104 (47)	
G8MXL0701716A	66,000	80%	835-1460	33-1/3 x 17-1/2 x 29 (847 x 445 x 737)	125 (57)	
G8MXL0902116A	88,000	80%	805-1665	33-1/3 x 21 x 29 (847 x 533 x 737)	140 (64)	
G8MXL1102120A	110,000	80%	990-2040	33-1/3 x 21 x 29 (847 x 533 x 737)	152 (69)	
G8MXL1352420A	132,000	80%	1125-2070	33-1/3 x 24-1/2 x 29 (847 x 622 x 737)	163 (74)	





Illustrations and photographs are only representative. Some Product models may vary

WARNING

CARBON MONOXIDE POISONING AND FIRE HAZARD Failure to follow this warning could result in personal injury, death, and/or property damage. This furnace is not designed for use in recreation vehicles, manufactured (mobile) homes or outdoors. Failure to follow this warning could result in personal injury, death, and/or property damage.



AHRI CERTIFIED.

Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

N8MSN, N8MSL

80% SINGLE STAGE GAS FURNACE

EASIER TO SELL

- 80% AFUE
- · Flame roll-out sensors standard
- Category I venting
- · Blocked vent switch
- 24 VAC humidifier terminal
- · Electronic air cleaner terminal
- Twinning furnaces of same heating and cooling sizes
- N8MSL Model California NOx approved
- · Certified to leak 2 percent or less of nominal air conditioning CFM delivered when pressurized to 1-inch Water Gauge with all present air inlets, air outlets, and condensate drain port(s) sealed

TOUGHER

- PSC blower motor
- Adjustable heating blower OFF delay
- Factory set blower ON delay
- RPJ Aluminized steel heat exchanger
- High temperature limit control prevents overheating
- Direct ignition with Silicon Nitride ignitor
- One piece prepainted steel cabinet

QUIETER

In-shot burners

EASIER TO INSTALL AND SERVICE

- 33-1/3" (847mm) high, for ease of installation
- · Innovative knobs for easy door removal and secure attachment
- Factory shipped for natural gas, with propane gas conversion kits available
- Four position upflow/downflow/horizontal (left/right) installation
- Three position inducer elbow capability
- · Through the casing flue pipe for counterflow applications
- · Common venting with other Category I appliances
- · Masonry chimney adapter available
- Self diagnostics
- Slide out blower assembly

WARRANTY *

- 20 year heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.

UNIT PERFORM	UNIT PERFORMANCE DATA										
Model	Heating Input	Efficiency	Cooling Capacity CFM range @ .5 in. w.c.	Operating Dimensions Height x Width x Depth	Operating Weight						
Number	(MBTUH)	AFUE	(125 Pa)	inches (millimeters)	lbs (kg)	Notes					
N8MSN0451408A	44,000	80%	580-835	33-1/3 x 14-3/16 x 29 (847 x 360 x 737)	107 (49)						
N8MSN0451412A	44,000	80%	1040-1160	33-1/3 x 14-3/16 x 29 (847 x 360 x 737)	107 (49)						
N8MSN0701408A	66,000	80%	595-870	33-1/3 x 14-3/16 x 29 (847 x 360 x 737)	111 (50)						
N8MSN0701412A	66,000	80%	1050-1200	33-1/3 x 14-3/16 x 29 (847 x 360 x 737)	115 (52)						
N8MSN0701716A	66,000	80%	1240-1505	33-1/3 x 17-1/2 x 29 (847 x 445 x 737)	126 (57)						
N8MSN0901714B	88,000	80%	1065-1385	33-1/3 x 17-1/2 x 29 (847 x 445 x 737)	127 (58)						
N8MSN0902116A	88,000	80%	1375-1635	33-1/3 x 21 x 29 (847 x 533 x 737)	140 (64)						
N8MSN0902120A	88,000	80%	1715-2025	33-1/3 x 21 x 29 (847 x 533 x 737)	146 (66)						

continued on next page



Illustrations and photographs are only representative. Some Product models may vary.

WARNING

CARBON MONOXIDE POISONING AND FIRE HAZARD Failure to follow this warning could result in personal injury injury, death, and/or property damage. and/or property carriage. This fumace is not designed for use in recreation vehicles, manufactured (mobile) homes or outdoors. Failure to follow this warning could result in personal injury, death, Thie



and/or property damage.





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org

N8MSN, N8MSL (continued)

UNIT PERFORMANCE DATA										
			Cooling Capacity CFM range							
	Heating		@ .5 in.	Operating Dimensions						
Model	Input	Efficiency		Height x Width x Depth	Operating Weight					
Number	(MBTUH)	AFUE	(125 Pa)	inches (millimeters)	lbs (kg)	Notes				
N8MSN1101712A	110,000	80%	1155-1355	33-1/3 x 17-1/2 x 29 (847 x 445 x 737)	135 (61)					
N8MSN1102116A	110,000	80%	1310-1655	33-1/3 x 21 x 29 (847 x 533 x 737)	146 (66)					
N8MSN1102122A	110,000	80%	1650-2205	33-1/3 x 21 x 29 (847 x 533 x 737)	152 (69)					
N8MSN1352116A	132,000	80%	1380-1710	33-1/3 x 21 x 29 (847 x 533 x 737)	149 (68)					
N8MSN1352422A	132,000	80%	1705-2160	33-1/3 x 24-1/2 x 29 (847 x 622 x 737)	163 (74)					
N8MSN1552420A	154,000	80%	1695-2215	33-1/3 x 24-1/2 x 29 (847 x 622 x 737)	170 (77)					
LOW NOx MODE	LS									
N8MSL0451408A	44,000	80%	580-835	33-1/3 x 14-3/16 x 29 (847 x 360 x 737)	107 (49)					
N8MSL0451412A	44,000	80%	1040-1160	33-1/3 x 14-3/16 x 29 (847 x 360 x 737)	107 (49)					
N8MSL0701408A	66,000	80%	595-870	33-1/3 x 14-3/16 x 29 (847 x 360 x 737)	111 (50)					
N8MSL0701412A	66,000	80%	1050-1200	33-1/3 x 14-3/16 x 29 (847 x 360 x 737)	115 (52)					
N8MSL0701716A	66,000	80%	1240-1505	33-1/3 x 17-1/2 x 29 (847 x 445 x 737)	126 (57)					
N8MSL0901714B	88,000	80%	1065-1385	33-1/3 x 17-1/2 x 29 (847 x 445 x 737)	127 (58)					
N8MSL0902116A	88,000	80%	1375-1635	33-1/3 x 21 x 29 (847 x 533 x 737)	140 (64)					
N8MSL0902120A	88,000	80%	1715-2025	33-1/3 x 21 x 29 (847 x 533 x 737)	146 (66)					
N8MSL1101712A	110,000	80%	1155-1355	33-1/3 x 17-1/2 x 29 (847 x 445 x 737)	135 (61)					
N8MSL1102116A	110,000	80%	1310-1655	33-1/3 x 21 x 29 (847 x 533 x 737)	146 (66)					
N8MSL1102122A	110,000	80%	1650-2205	33-1/3 x 21 x 29 (847 x 533 x 737)	152 (69)					
N8MSL1352116A	132,000	80%	1380-1710	33-1/3 x 21 x 29 (847 x 533 x 737)	149 (68)					
N8MSL1352422A	132,000	80%	1705-2160	33-1/3 x 24-1/2 x 29 (847 x 622 x 737)	163 (74)					
N8MSL1552420A	154,000	80%	1695-2215	33-1/3 x 24-1/2 x 29 (847 x 622 x 737)	170 (77)					

Gas Furnace Accessories

Model Number	Description	Used With Models	Notes
Model Number TWINNING KIT	Description		Notes
	Twinning kit. Allows operation of two	[
NAHA00601WK	Twinning kit. Allows operation of two identical size model furnaces.	All G8MT & N8MS Models	
	Twinning kit. Allows operation of two	G9MXT, G9MXE, N9MSB, N9MSE	
NAHA00701WK	identical size model furnaces.	060/080/100/120k Models	
GAS CONVERS		000/000/100/120K Models	L
OAD CONTEND	Natural Gas to	Propane Gas	
	Natural gas to Propane conversion kit.	All G8M, N8MS,	
NAHA00901LP	Allows field conversion to Propane gas.	G9MXE, N9MSE, N9MSB Models	
	Natural gas to Propane conversion kit.	All G8MVL, G8MTL,	
NAHB01001LP	Allows field conversion to Propane gas.	G9MAE, G9MVE, G9MXT Models	
MOBILE HOME	CONVERSION KIT		-
		G9MXE, N9MS 40,000 to 120,000	
NAHA00101MH	Single Stage conversion kit	Furnaces	
	Propane Gas t		
	Propane to Natural gas conversion kit.	All G8M, N8MS,	
NAHA00901NG	Allows field conversion to Natural gas.	G9MXE, N9MSE, N9MSB Models	
	Propane to Natural gas conversion kit.	All G8MVL, G8MTL,	
NAHB01001NG	Allows field conversion to Natural gas.	G9MAE, G9MVE, G9MXT Models	
NEUTRALIZER I	KIT		
NAHA001NK	Condensate neutralizer kit for		
612833 +	condensing gas furnaces	ALL 90+ FURNACES IF REQUIRED	
COIL ADAPTER		-	•
	Cail Adapter Kitwith No Offect	All G9MAE, G9MVE, G9MXT, G9MXE,	
NAHBUUTUTCA	Coil Adapter Kit with No Offset	N9MSB, N9MSE	
	Coil Adoptor Kit with Single Offect	All G9MAE, G9MVE, G9MXT, G9MXE,	
NARBUUZUICA	Coil Adapter Kit with Single Offset	N9MSB, N9MSE	
	Coil Adapter Kit with Double Offset	All G9MAE, G9MVE, G9MXT, G9MXE,	
		N9MSB, N9MSE	
RETURN AIR BA	ASE (UPFLOW APPLICATIONS)		
	Return Air Kit 14.2" Wide	All G9MAE, G9MVE, G9MXT, G9MXE,	
		N9MSB, N9MSE	
NAHA01701RA	Return Air Kit 17.5" Wide	All G9MAE, G9MVE, G9MXT, G9MXE,	
		N9MSB, N9MSE	
NAHA02101RA	Return Air Kit 21" Wide	All G9MAE, G9MVE, G9MXT, G9MXE,	
10/11/02 10 110/		N9MSB, N9MSE	
NAHA02401RA	Return Air Kit 24.5" Wide	All G9MAE, G9MVE, G9MXT, G9MXE,	
		N9MSB, N9MSE	
FILTER KITS			
	Bottom return filter rack 14"	All 14" G8M, N8MS, G9M, N9MS	
	Bottom return filter rack 17"	All 17" G8M, N8MS, G9M, N9MS	
	Washable filter, 1 inch 16 x 25 (6 pack)	All 17" & 14" G8M, N8MS, G9M, N9MS	
	Bottom return filter rack 21"	All 21" G8M, N8MS, G9M, N9MS	
	Bottom return filter rack 24"	All 24" G8M, N8MS, G9M, N9MS	
	Washable filter, 1 inch 24 x 25 (6 pack)	All 21" & 24" G8M, N8MS, G9M, N9MS	
	External side return filter rack 16 x 25"	All G8M, N8MS & G9M, N9MS	
•	side return filter rack and 17" external bott	om niter rack.	
	Iter included with rack		
COMBOSTIBLE	FLOOR SUBBASES		
	Combustible Floor Subbase (not	Counterflow	
NAHA01101SB	required when evaporator coil case is	G8M, N8MS, G9M, N9MS	
	used)	, , , ,	

+ Must be ordered from Service Parts

(A)=Series A, (B)=Series B, (C)=Series C, & (D)=Series D

Gas Furnace Accessories (continued)

Model Number	Description	Used With Models	Notes
	KIT & PRESSURE SWITCH		
NAHA00201HL	Hi Altitude Kit	G8MVL & G8MTL	
WARNING LABE	EL REPLACEMENT KIT		
NAHB00301WL	To replace Warning & Operating Labels	All G8M & N8MS Furnace	
VENT KITS	• • • • • •		
NAHB00301VC	Downflow vent guard (not required when	All G8M & N8MS Furnaces in the Downflow	
NAHBUUSUIVC	vent is routed through cabinet)	Applications	
NAHA00101VC	Internal Vent Kit (Through the cabinet)	All G9M, N9MS Furnaces	
	2" Direct Vent Termination Bracket	All G9M, N9MS Furnaces	
NAHA00401VT	3" Direct Vent Termination Bracket	All G9M, N9MS Furnaces	
NAHA001CV 1011129+	3" (76.2mm) Concentric vent kit allows single wall penetration for 2 pipe direct vent applications (90+)	G9M, N9MS (See Vent Tables)	
NAHA002CV	2" (50.8mm) Concentric vent kit allows single wall penetration for 2 pipe direct vent applications (90+)	G9M, N9MS (See Vent Tables)	
NAHA00101CK	Inlet Air Pipe Coupling for Polypropylene Vent Systems	All G9M, N9MS Furnaces	
MASONRY CHIN	INEY ADAPTER		
NAHA00301DH	Chimney adapter kit 5"	G8M & N8MS Greater than or equal to 135,000 Btuh	
NAHA00401DH	Chimney adapter kit 4"	G8M & N8MS - Less than 135,000 Btuh	
FREEZE PROTE	CTION		
	Condensate drain line protection	All G9M, N9MS Furnaces	
NAHA00201HH	Condensate freeze protection	All G9M, N9MS Furnaces	
HORIZONTAL IN	ISTALLATION KIT		
NAHA00101HV	Trap Grommet (Direct vent application only)	All G9M, N9MS Furnaces	
DRAIN ACCESS			
NAHA00110DA	1/2" CPVC to 3/4" PVC (10 Pack)	All G9M, N9MS Furnaces	
NAHA00101CT	External Drain Kit	All G9M, N9MS Furnaces	
MOTOR SIMULA	ATOR KIT		
NAHA00101MS	Motor Simulator Kit	All G9MAE Furnaces	

+ Must be ordered from Service Parts

(A)=Series A, (B)=Series B, (C)=Series C, & (D)=Series D

REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

NOMV

MULTI-POSITION, VARIABLE SPEED OIL FURNACE

FEATURES

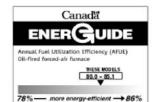
- Stainless steel construction with heavy gauge heat exchanger quickly transfers heat to the ambient air
- High efficiency ECM variable speed motor, with constant airflow, delivers the right amount of air for improved comfort and great savings
- Dehumidification with variable speed ECM motor allows modulation of blower speed to better extract humidity
- Sound attenuator, integrated inside secondary heat exchanger. High density acoustic wool dampens combustion sound.
- High static pressure Riello F40 burner coupled with electric air-damper
- Multi-position, true four way multipoise unit that opens-up installation possibilities
- External inspection port/clean outs for easy access and sealed from blower compartment, adjust combustion parameters and perform inspections easily with this sealed, spring-loaded access port
- · Approved for chimney vent only
- · High quality finish with high gloss baked electrostatic paint
- Efficient AFUE up to 86.8% Canada, 85.7% US
- Front flue (breech)
- Shipped complete with burner installed, barometric draft regulator supplied, external filter rack

WARRANTY *

- 10 year No Hassle Replacement™ limited warranty
- · Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.



Illustrations and photographs are only representative. Some Product models may vary



ONLY applies to applications in Canada where the furnace is installed in the conditioned space, per sections 5.35.1.2 and 4.7.1.1 of CSA standard B212 dated October 2000.



UNIT PERF	UNIT PERFORMANCE DATA											
Model Number	Input (MBTUH)	Efficienc CANADA	y AFUE US	Cooling Capacity @ .5 in wc (125 Pa)	Height x Width x Depth† in (mm)	Operating Weight Ibs (kg)	Notes					
NOMV106D12	70,000-105,000	82.4-83.2	81.6-82.3	3 TON	48-3/4 x 20 x 35 (1238 x 508 x 889)	221 (100)						
NOMV156E19	119,000-154,000	85.5-86.8	84.3-85.7	5 TON	48-3/4 x 20 x 36 (1346 x 508 x 1003)	270 (122)						

† Depth with the burner

OMV

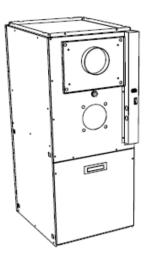
HI-BOY MULTI-POSITION, VARIABLE SPEED OIL FURNACE

FEATURES

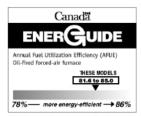
- Stainless steel, heavy gauge heat exchanger quickly transfers heat to the ambient air
- Multi-position, four way multipoise unit that opens-up installation possibilities
- Low profile OMV098 is 40-3/4 inches (1035 mm) high, OMV112 is 41-1/2 inches (1054mm) high, OMF154 is 47-7/8 inches (1216mm) high
- Sound attenuator, integrated inside secondary heat exchanger. High density acoustic wool dampens combustion sound.
- Variable speed blower ECM motor that provides true constant CFM capabilities
- Dehumidification with variable speed ECM motor allows modulation of blower speed to better extract humidity
- Choice of high static pressure oil burners: Beckett AFG & NX, Riello 40 (Burners must be ordered separately)
- Inspection port/clean outs external for easy access and sealed, adjust combustion parameters and simplify inspections parameters and perform inspections easily with this sealed, spring-loaded access port
- Approved for chimney vent and sealed combustion installations
- High quality, high gloss baked finish
- Efficient AFUE up to 86.7% Canada, 86.3% US
- Front flue (breech)

WARRANTY *

- 10 year No Hassle Replacement™ limited warranty
- · Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.



Illustrations and photographs are only representative. Some Product models may



ONLY applies to applications in Canada where the furnace is installed in the conditioned space, per sections 5.35.1.2 and 4.7.1.1 of CSA standard B212 dated October 2000.



UNIT PERF	UNIT PERFORMANCE DATA											
Model		Efficien	cy AFUE	Cooling Capacity @ .5 in wc	Height x Width x Depth†	Operating Weight						
Number	Input (MBTUH)	CANADA	US	(125 Pa)	in (mm)	lbs (kg)	Notes					
OMV098J12B	70,000-98,000	81.9 - 85.0‡	81.9 - 85.0‡	3 TON	40-3/4 x 16-7/8 x 21-1/2 (1035 x 429 x 546)	125 (57)						
OMV112K14A	95,200-112,000	85.0‡ - 85.5‡	85.0‡ - 85.2‡	3.5 TON	41-1/2 x 21-3/4 x 25-3/4 (1054 x 553 x 654)	153 (70)						
OMV154L20A	126,000-154,000	85.3‡-86.7‡	85.0‡-86.3‡	5.0 Tons	47-7/8 x 28-1/2 x 25 (1216 x 724 x 635)	200 (90)						

‡ Meets EnergyStar Guidelines (Only specific firing rates meet the ENERGY STAR® guidelines).

† Depth without the burner

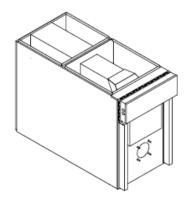
LO-BOY VARIABLE MOTOR OIL FURNACE

FEATURES

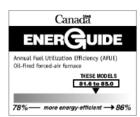
- · Stainless steel, heavy gauge heat exchanger quickly transfers heat to the ambient air
- Variable speed ECM motor that provides true constant CFM capabilities
- · Fan control switch for continuous operation
- Easy access control panel
- Low profile OLV098 is 33-3/4 (857mm) high, OLV112 is 33-3/4 (857mm) high, OLV154 is 39-1/4 inches (997mm) high
- · Sound attenuator, high density acoustic wool dampens combustion sound
- · Choice of high efficiency, high static pressure oil burners Riello or Beckett AFG & NX burners (Burners ordered and shipped separately)
- Inspection port external for easy access and sealed, adjust combustion parameters and simplify inspections
- · Accessories included, barometric draft regulator, internal filter rack and air filter
- · High quality, high glass baked finish
- Efficient AFUE up to 88.1% Canada, 87.5% US
- Approved for chimney vent and sealed combustion installations

WARRANTY *

- 10 year No Hassle Replacement[™] limited warranty
- Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply.
- See warranty certificate for complete details.



Illustrations and photographs are only representative. Some Product models may



ONLY applies to applications in Canada where the furnace is installed in the conditioned space, per sections 5.35.1.2 and 4.7.1.1 of CSA standard B212 dated October 2000.



UNIT PERF	UNIT PERFORMANCE DATA								
Model		Efficiend	cy AFUE	Cooling Capacity @ .5 in wc	Height x Width x Depth†	Operating Weight			
Number	Input (MBTUH)	CANADA	US	(125 Pa)	in (mm)	lbs (kg)	Notes		
OLV098A12A	70,000-98,000	85.4 ‡- 87.9 ‡	85.0‡- 86.9‡	3 TON	33-3/4 x 21 x 47 (857 x 533 x 1194)	175 (80)			
OLV112A16A	81,100-112,000	86.4 ‡- 88.1‡	85.9‡- 87.2‡	4 TON	33-3/4 x 21 x 48 (857 x 533 x 1219)	195 (89)			
OLV154F20A	107,700-154,000	86.1‡- 87.7‡	85.5‡- 87.5‡	5 TON	39-1/4 x 24 7/8 x 52 (997 x 632 x 1320)	270 (122.5)			

‡ Meets EnergyStar Guidelines

† Depth without the burner

NOMF Riello Burner

MULTI-POSITION OIL FURNACE

FEATURES

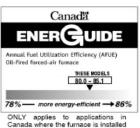
- · Fan control switch for continuous speed
- Accessory terminals prewired for easy add-on electronic air cleaner and power humidifier
- Air conditioning ready for easy add-on
- · Large external front clean out for easy cleaning
- · Clean out sealed from blower compartment (no soot to spread)
- · Easy access control panel
- · Sight glass/view port
- · Test ports factory installed to provide efficient access for set-up and service
- · Easy access heat exchanger manufactured from heavy gauge steel
- · Multi-speed direct drive motors permanently lubricated for long life performance
- · Heavy-duty insulated cabinet for quiet operation
- Approved for 2" (51mm) clearance to combustibles for tight installations
- Stainless steel primary heat exchanger
- · Precision balanced blower ensures quiet, efficient air distribution
- · Raised cabinet base allows air to circulate under the cabinet, eliminates dampness
- · Approved chimney applications ONLY
- Efficient AFUE up to 86.6% Canada, 84.7% US
- Front flue (breech)
- Shipped complete with vestibule, barometric damper, burners and nozzles are installed
- · Filters and filter rack included

WARRANTY *

- · Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.



Illustrations and photographs are only representative. Some Product models may vary.



Canada where the furnace is installed in the conditioned space, per sections 5.35.1.2 and 4.7.1.1 of CSA standard B212 dated October 2000.



UNIT PERFO	UNIT PERFORMANCE DATA									
				Cooling Capacity @		Operating				
Model		Efficienc	y AFUE	.5 in wc	Height x Width x Depth†	Weight				
Number	Input (MBTUH)	CANADA	US	(125 Pa)	in (mm)	lbs (kg)	Notes			
NOMF106D12C	70,000-105,000	82.9-83.8	81.5-82.6	3 TON	48-3/4 x 20 x 35 (1238 x 508 x 889)	221 (100)				
NOMF156E19C	119,000-154,000	85.4-86.6	83.8-84.7	5 TON	53 x 20 x 39-1/2 (1346 x 508 x 1003)	270 (122)				

† Depth with the burner

OMF

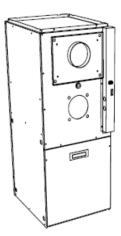
HI-BOY MULTI-POSITION OIL FURNACE

FEATURES

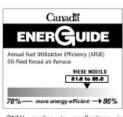
- Stainless steel, heavy gauge heat exchanger quickly transfers heat to the ambient air
- Multi-position, four way multipoise unit that opens-up installation possibilities
- Low profile OMF098 is 40-3/4 inches (1035 mm) high, OMF112 is
- 41-1/2 inches (1054mm) high, OMF154 is 47-7/8 inches (1216mm) high
- · Sound attenuator, integrated inside secondary heat exchanger
- · High density acoustic wool dampens combustion sound
- Choice of high static pressure oil burners: Beckett AFG & NX, Riello 40 (Burners must be ordered separately)
- Inspection port external for easy access and sealed, adjust combustion parameters and simplify inspections
- Approved for chimney vent and sealed combustion installations
- High quality, high gloss baked finish
- Efficient AFUE up to 87.0% Canada, 86.4% US
- Front flue (breech)

WARRANTY *

- · Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.



Illustrations and photographs are only representative. Some Product models may



ONLY applies to applications in Canada where the furnace is installed in the conditioned space, per sections 5.35.1.2 and 4.7.1.1 of CSA standard B212 dated October 2000.



UNIT PERF	UNIT PERFORMANCE DATA									
Model		Efficienc	y AFUE	Cooling Capacity @ .5 in wc	Height x Width x Depth†	Operating Weight				
Number	Input (MBTUH)	CANADA	US	(125 Pa)	in (mm)	lbs (kg)	Notes			
OMF098J10B	70,000-98,000	84.0-87.0‡	83.3-86.4‡	2.5 TON	40-3/4 x 16-7/8 x 21-1/2 (1035 x 429 x 546)	125 (57)				
OMF112K14A	95,200-112,000	85.5‡ - 87.1‡	84.4‡ - 85.8‡	3.5 TON	41-1/2 x 21-3/4 x 25-3/4 (1054 x 553 x 654)	153 (70)				
OMF154L20A	126,000-154,000	85.3‡-87.0‡	85.0‡-86.1‡	5.0 Tons	47-7/8 x 28-1/2 x 25 (1216 x 724 x 635)	200 (90)				

‡ Meets EnergyStar Guidelines (Only specific firing rates meet the ENERGY STAR® guidelines).

† Depth without the burner

NOLF

LO-BOY OIL FURNACE

FEATURES

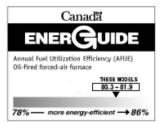
- · Fan control switch for continuous speed
- Accessory terminals prewired for easy add-on electronic air cleaner and power humidifier.
- · Air conditioning ready for easy add-on
- · Large external front clean out for easy cleaning
- Clean out sealed from blower compartment (no soot to spread)
- · Easy access control panel
- · Sight glass/view port
- High efficiency Beckett burners
- Easy access heat exchanger manufactured from heavy gauge steel
- Multi-speed direct drive motors permanently lubricated for long life performance
- · Heavy-duty insulated cabinet for quiet operation
- Approved for 1" (25mm)clearance to combustibles for tight installations
- Ceramic combustion chamber withstands temperature of 2600° F (1427° C) with unique self aligning design
- · Precision balanced blower ensures quiet, efficient air distribution
- · Raised cabinet base allows air to circulate under the cabinet, eliminates dampness
- · Approved chimney applications ONLY
- Efficient AFUE up to 85.9% Canada, 86.0% US
- Front flue (breech)
- Shipped complete with vestibule, barometric damper, burners and nozzles are installed

WARRANTY *

- · Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
 - With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.



Illustrations and photographs are only representative Some Product models may vary.



ONLY applies to applications in Canada where the furnace is installed in the conditioned space, per sections 5.35.1.2 and 4.7.1.1 of CSA standard B212 dated October 2000.



UNIT PERFC	UNIT PERFORMANCE DATA									
Model		Efficienc		Cooling Capacity @ .5 in wc	Height x Width x Depth†	Operating Weight				
Number	Input (MBTUH)	CANADA	US	(125 Pa)	in (mm)	lbs (kg)	Notes			
NOLF105A12D	70,000-105,000	82.9-85.9	79.6-86.0	1.5 - 3 TON	32 x 21 x 53-1/4 (813 x 533 x 1352)	207 (94)				

† Depth with the burner

OLR & OLF

LO-BOY UPFLOW OIL FURNACE

FEATURES

- · Fan control switch for continuous fan operation
- Accessory terminals prewired for easy add-on electronic air cleaner and power humidifier
- Air conditioning ready for easy add-on
- · Large external front clean out for easy cleaning
- Clean out sealed from blower compartment (no soot to spread)
- Easy access control panel
- · Sight glass/view port (some models only)
- Furnaces available with your choice of high efficiency Riello or Beckett burners (Burners ordered and shipped separately)
- · Easy access heat exchanger manufactured from heavy gauge steel
- Multi-speed direct drive motors permanently lubricated for long life performance
- · Heavy-duty insulated cabinet for quiet operation
- Approved for 1" (25mm) clearance to combustibles for tight installations
- Ceramic combustion chamber withstands temperature of 2600° F (1427° C) with unique self aligning design
- Precision balanced blower ensures quiet, efficient air distribution
- Raised cabinet base allows air to circulate under the cabinet, eliminates dampness
- Approved chimney or some direct vent applications with accessories
- Efficient AFUE up to 85.7% Canada, 85.1% US
- OLF Front flue (breech)
- OLR Rear flue (breech)

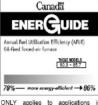
WARRANTY *

- · Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply.
- See warranty certificate for complete details.



Illustrations and photographs are only representative. Some Product models may vary





ONLY applies to applications in Canada where the furnace is installed in the conditioned space, per sections 5.35.1.2 and 4.7.1.1 of CSA standard B212 dated October 2000.

UNIT PERF	UNIT PERFORMANCE DATA										
Model		Efficiency AFUE		Cooling Capacity @ .5 in wc	Height x Width x Depth†	Operating Weight					
Number	Input (MBTUH)	CANADA	US	(125 Pa)	in (mm)	lbs (kg)	Notes				
OLR105A12D	70,000-105,000	83.7-86.8	80.5-85.7	1.5 - 3 TON	32 x 21 x 43.4 (813 x 533 x 1102)	200 (91)					
OLF105A12C	70,000-105,000	81.9-85.9	78.7-86.0	1.5 - 3 TON	32 x 21 x 43.4 (813 x 533 x 1102)	207 (94)					
OLR160B20C	119,000-159,600	80.4-85.1	78.7-83.1	1.5 - 5 TON	40 x 25 x 51.4 (1016 x 635 x 1306)	235 (107)					

† Depth without the burner



Illustrations and photographs are only representative. Some Product models may vary.

OLR

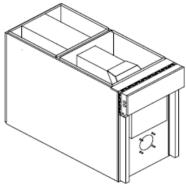
LO-BOY UPFLOW OIL FURNACE

FEATURES

- Stainless steel, heavy gauge heat exchanger quickly transfers heat to the ambient air
- Multi-speed direct drive motors permanently lubricated for long life performance
- Easy access control panel
- Low profile OLR098 is 33-3/4 (857mm) high, OLR112 is 33-3/4 (857mm) high, OLR154 is 39-1/4 inches (997mm) high
- Sound attenuator, high density acoustic wool dampens combustion sound
- Choice of high static pressure oil burners: Beckett AFG & NX, Riello 40 (Burners must be ordered separately)
- Inspection port external for easy access and sealed, adjust combustion parameters and simplify inspections
- · Accessories included, barometric draft regulator, internal filter rack and air filter
- High quality, high gloss baked finish
- Efficient AFUE up to 87.0% Canada, 86.4% US
- Approved for chimney vent and sealed combustion installations

WARRANTY *

- · Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
 * Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.



Illustrations and photographs are only representative. Some Product models may vary.





ONLY applies to applications in Canada where the furnace is installed in the conditioned space, per sections 5.8.9.1.2 and 4.7.1.1 of CSA standard 58.9.1.2 dated October 2000.

UNIT PERFORMANCE DATA										
Model		Efficien	cy AFUE	Cooling Capacity @ .5 in wc	Height x Width x Depth†	Operating Weight				
Number	Input (MBTUH)	CANADA	US	(125 Pa)	in (mm)	lbs (kg)	Notes			
OLR098A12A	77,000-98,000	85.4 ‡- 87.9 ‡	85.0‡- 86.9‡	3 TON	33-3/4 x 21 x 47 (857 x 533 x 1194)	175 (79)				
OLR112A16A	95,200-112,000	86.4‡- 88.1‡	85.9‡- 87.2‡	4 TON	33-3/4 x 21 x 48 (857 x 533 x 1219)	195 (89)				
OLR154F20A	126,000-154,000	86.1‡- 87.7‡	85.5‡- 87.5‡	5 TON	39-1/4 x 24 7/8 x 52 (997 x 632 x 1320)	270 (122.5)				

‡ Meets EnergyStar Guidelines

† Depth without the burner

OUF

HI-BOY UPFLOW OIL FURNACE

FEATURES

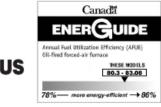
- · Fan control switch for continuous low speed
- Accessory terminals prewired for easy add-on electronic air cleaner and power humidifier
- · Air conditioning ready for easy add-on
- · Large external front clean out for easy cleaning
- Clean out sealed from blower compartment (no soot to spread)
- Easy access control panel
- Sight glass/view port
- Furnaces available with your choice of high efficiency Riello or Beckett burners (Burners ordered and shipped separately)
- Test ports factory installed to provide efficient access for set-up and service
- Easy access heat exchanger manufactured from heavy gauge steel
- Multi-speed direct drive motors permanently lubricated for long life performance
- · Heavy-duty insulated cabinet for quiet operation
- Approved for 1" (25mm) clearance to combustibles for tight installations
- Ceramic combustion chamber withstands temperature of 2600° F (1427° C) with unique self aligning design
- Precision balanced blower ensures quiet, efficient air distribution
- · Raised cabinet base allows air to circulate under the cabinet, eliminates dampness
- Approved chimney or direct vent applications
- Efficient AFUE up to 86.1% Canada, 84.8% US
- Front flue (breech)

WARRANTY *

- · Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
 - With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.



Illustrations and photographs are only representative. Some Product models may



ONLY applies to applications in Canada where the furnace is installed in the conditioned space, per sections 5.35.1.2 and 4.7.1.1 of CSA standard B212 dated October 2000.

UNIT PERF	UNIT PERFORMANCE DATA									
Model		Efficiency AFUE		Cooling Capacity @ .5 in wc	Height x Width x Depth†	Operating Weight				
Number	Input (MBTUH)	CANADA	US	(125 Pa)	in (mm)	lbs (kg)	Notes			
OUF105A12C	70,000-105,000	80.9-86.1	79.4-84.8	2 - 3 TON	48 x 21 x 23.4 (1219 x 533 x 594)	200 (91)				
OUF160B18C	119,000-159,600	81.3-85.4	80.0-84.3	3.5 - 5 TON	58-1/4 x 25 x 27.4 (1480 x 635 x 696)	248 (112)				

† Depth without the burner

114

OLR210

LO-BOY OIL FURNACE

FEATURES

- · Fan control switch for continuous low speed
- Large external front clean out for easy cleaning
- · Clean out sealed from blower compartment (no soot to spread)
- Easy access control panel
- Sight glass/view port
- Furnaces are available with your choice of high efficiency Riello or Beckett burners (Burners ordered and shipped separately)
- Easy access heat exchanger manufactured from heavy gauge steel
- Multi-speed direct drive motors permanently lubricated for long life performance
- · Heavy-duty insulated cabinet for quiet operation
- · Precision balanced blower ensures quiet, efficient air distribution
- · Raised cabinet base allows air to circulate under the cabinet, eliminates dampness
- Efficient AFUE up to 86.7% Canada, 85.4% US
- OLR Rear flue (breech)

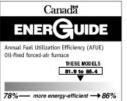
WARRANTY *

- · Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
 - With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.



Illustrations and photographs are only representative. Some Product models may vary.





ONLY applies to applications in Canada where the furnace is installed in the conditioned space, per sections 5.35.1.2 and 4.7.1.1 of CSA standard B212 dated October 2000.

UNIT PERFO	UNIT PERFORMANCE DATA									
Model		Efficien	cy AFUE	Cooling Capacity @ .5 in wc	Height x Width x Depth†	Operating Weight				
Number	Input (MBTUH)	CANADA	US	(125 Pa)	in (mm)	lbs (kg)	Notes			
OLR210F19C	168,000-210,000	84.6-86.7	83.1-85.4	5 TON	36-1/2 x 20-1/4 x 50-5/8 (918 x 533 x 1286)	240 (109)				

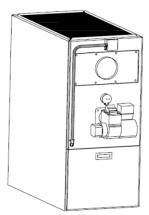
† Depth without the burner

OTF210

UPFLOW/HORIZONTAL OIL FURNACE

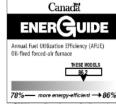
FEATURES

- Fan control switch for continuous speed
- Large external front clean out for easy cleaning
- · Clean out sealed from blower compartment (no soot to spread)
- Easy access control panel
- Sight glass/view port
- Furnaces available with your choice of high efficiency
- Riello or Beckett burners (Burners ordered and shipped separately)
- Easy access heat exchanger manufactured from heavy gauge steel
- Multi-speed direct drive motors permanently lubricated for long life performance
- · Heavy-duty insulated cabinet for quiet operation
- Precision balanced blower ensures quiet, efficient air distribution
- Raised cabinet base allows air to circulate under the cabinet, eliminates dampness
- Approved chimney vent applications
- Efficient AFUE up to 86.3% Canada, 85.0% US
- Air conditioning ready
- Front flue (breech)



Illustrations and photographs are only representative. Some Product models may vary





ONLY applies to applications in Canada where the furnace is installed in the conditioned space, per sections 5.35.1.2 and 4.7.1.1 of CSA standard B212 dated October 2000.

UNIT PERFO	UNIT PERFORMANCE DATA									
				Cooling						
				Capacity @		Operating				
Model		Efficienc	Efficiency AFUE		Height x Width x Depth†	Weight				
Number	Input (MBTUH)	CANADA	US	(125 Pa)	in (mm)	lbs (kg)	Notes			
OTF210G21B	168,000-210,000	84.4-86.3	82.9-85.0	5 TON	52-3/4 x 24-1/4 x 34 (1340 x 616 x 864)	250 (113)				

† Depth without the burner

OLR350

LO-BOY UPFLOW OIL FURNACE

FEATURES

- · Fan control switch for continuous speed
- Large external rear clean out for easy cleaning
- · Clean out sealed from blower compartment (no soot to spread)
- Easy access control panel
- Sight glass/view port
- Furnaces available with your choice of high efficiency
- Riello or Beckett burners (Burners ordered and shipped separately)
- · Easy access heat exchanger manufactured from heavy gauge steel
- · Multi-speed direct drive motors permanently lubricated for long life performance
- Heavy-duty insulated cabinet for quiet operation
- Precision balanced blower ensures quiet, efficient air distribution
- Raised cabinet base allows air to circulate under the cabinet, eliminates dampness
- Efficient AFUE up to 81.5%
- Not air conditioning ready
- Rear flue (breech)

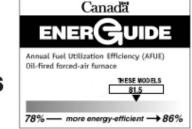
WARRANTY *

- · Lifetime heat exchanger limited warranty with timely registration
- 5 year parts limited warranty
- With timely registration, an additional 5 year parts limited warranty
- * Applies to original purchaser/homeowner, some limitations may apply. See warranty certificate for complete details.



-	

Illustrations and photographs are only representative. Some Product models may vary.



UNIT PERFORMANCE DATA									
Model	Input	Efficiency /	AFUE	Height x Width x Depth†	Operating Weight				
Number	(MBTUH)	CANADA	US	in (mm)	lbs (kg)	Notes			
OLR350H28B	245,000 - 350,800	81.5	81.5	46-7/8 x 26 x 66-7/8 (1191 x 660 x 1699)	400 (181)				

+ Depth without the burner

Oil Furnace Accessories

Model	Description	Llood With Modele	Notoo
Number	Description	Used With Models	Notes
OIL BURNE	RS	•	-
N01F034	Riello 40-BF3 Oil Burner for 5" Breech Models	NOLF105, OLF105, OLR105,	
	(Direct)	OUF105	
N01F035	Riello 40-BF5 Oil Burner (Direct)	OLR160	
N01F040	Riello 40-F5 Oil Burner	OLR210, OTF210	
N01F041	Beckett 40-F5 Oil Burner (Direct)	OLR350	
N01F049	Riello 40-F3 Oil Burner for 5" Breech Models	NOLF105, OLF105, OLR105,	
No II 049	(Chimney)	OUF105	
N01F050	Riello 40-F5 Oil Burner for 6" Breech Models	OLR160	
	(Chimney)		
N01F051	Riello Oil Burner (Chimney)	OMF112, OMV112, OLR112, OLV112	
N01F052	Riello Oil Burner (Direct)	OMF112, OMV112, OLR112, OLV112	
N01F053	Riello Oil Burner (Chimney)	OLR154, OLV154	
N01F054	Riello (Chimney venting)	OMF098, OMV098, OLR098, OLV098	
N01F055	Riello Oil Burner (Direct)	OMF098, OMV098, OLR098, OLV098	
N01F056	Riello Oil Burner (Direct)	OLR154, OLV154	
N01J038	Beckett AFII-85 Oil Burner for 5" Breech Models	NOLF105, OLF105, OLR105,	
1010000	(Direct vent)	OUF105	
N01J039	Beckett AFG-F3 Oil Burner for 6" Breech Models	OLR160	
1013033	(Chimney)	GERTIN	
N01J040	Beckett AFG-F0 Oil Burner for 5" Breech Models	OUF105, NOLF105,	
1013040	(Chimney)	OLR105, OLF105	
N01J041	Beckett AFII-150 Oil Burner for 6" Breech Models	OLR160	
N013041	(Direct vent)	GERING	
N01J045	Beckett AFG-F6 Oil Burner (Shipped with Nozzle	OLR210, OTF210	
N01J045	1.25 - 70∘ W)	OLR210, OTF210	
N01J046	Beckett AFG-F6 Oil Burner (Shipped with Nozzle	OLR350	
N01J040	2.25 - 70∘ B)	OLR350	
N01J050	Beckett NX Oil Burner	OMF098, OLR098, OLV098, OMV098	
N01J052	Beckett NX Oil Burner	OMF112, OLR112, OLV112, OMV112	
N01J053	Beckett Oil Burner (Chimney or Direct)	OLR154, OLV154, OMF154, OMV154	
N01J054	Beckett AFG-L2 Oil Burner (Chimney)	OMF098, OLR098, OLV098, OMV098	
N01J055	Beckett AFG-L2 Oil Burner (Chimney)	OMF112, OLR112, OLV112, OMV112	
NOZZLES			
N03F014	Nozzle, Oil Burner, Delavan, 0.50 GPH/60 A (w/	OLR105, OLF105, OUF105	
NU3FU14	Burner)	OMF098, OMV098, OLR098, OLV098	
	Nozzle, Oil Burner, Delavan, 0.50 GPH/70 A	OUF105, NOLF105, OLR105, OLF105,	
N03F015	Riello (w/ Burner)	OMF098, OMV098, OMF112, OMV112,	
	Rielio (w/ Burner)	OLR098, OLV098	
	Nerrie Oil Durner Delever 0.6 CDU/60.4	NOLF105, OLF105, OLR105, OUF105,	
N03F017	Nozzle, Oil Burner, Delavan, 0.6 GPH/60° A	OMF098, OMV098, OLR098, OLV098,	
	Beckett	OMF112, OMV112	
	Nozzle, Oil Burner, Delavan, 0.40 GPH/70 A	NOMF106, NOMV106, OMF098,	
N03F018	Riello	OMV098	
	Nozzle, Oil Burner, Delavan, 0.70 GPH/70 A		
N03F024	Riello	OMV112, OMF112, OLR160	
	Nozzle, Oil Burner, Delavan, 0.60 GPH/70 A	OMF098, OMV098, OMF112, OMV112,	
N03F026	Riello	OLR154, OLV154	
	Nozzle, Oil Burner, Delavan, 0.40 GPH/70 A		
N03F027	Beckett	OMF098, OMV098, OLF105, OLR105	
	•	continued on next page	-

continued on next page

Oil Furnace Accessories (continued)

Model Number	Description	Used With Models	Notes
NOZZLES (c	ontinued)		
•	Nozzle, Oil Burner, Delavan, 0.75 GPH/70 ^o A		
N03F028	Riello	OLR154, OLV154, OMF154, OMV154	
NIGOFOOD	Nozzle, Oil Burner, Delavan, 0.90 GPH/70 A		
N03F029	Riello	OLR154, OLV154, OMF154, OMV154	
N03F030	Nozzle, Oil Burner, Delavan, 0.70 GPH/60° A	OMF112, OMV112	
	Beckett	· · · · · · · · · · · · · · · · · · ·	
N03G006	Nozzle, Oil Burner, Delavan, 0.50 GPH/70 W	NOMF105, NOMF106, NOMV106	
N03G007	Nozzle, Oil Burner, Delavan, 0.65 GPH/70 W	NOMF106 & NOMV106	
N03G010	Nozzle, Oil Burner, Delavan, 0.50 GPH/60 W	NOLF105, OLF105, OLR105,	
1000010		OUF105	
N03G011	Nozzle, Oil Burner, Delavan, 0.60 GPH/60 W	NOLF105, OLF105, OLR105,	
1000011		OUF105, OLF140	
N03G012	Nozzle, Oil Burner, Delavan, 1.00 GPH/70 W	NOMF156, NOMV156, OLR350,	
		OTF210, OLF140, OLR210	
N03G013	Nozzle, Oil Burner, Delavan, 1.10 GPH/70° W	OTF210, OLR210	
N03G016	Nozzle, Oil Burner, Delavan, 0.85 GPH/70° W	NOMF156, NOMV156, OLF140	
N03G024	Nozzle, Oil Burner, Delavan, 1.25 GPH/70° W	OLR210, OTF210	
N03G027	Nozzle, Oil Burner, Delavan, 1.50 GPH/70° W	OLR350	
N03H001	Nozzle, Oil Burner, Delavan, 1.0 GPH/70 B	OLR160	
N03H008	Nozzle, Oil Burner, Delavan, 0.85 GPH/70° B	OLR160	
N03H010	Nozzle, Oil Burner, Delavan, 0.75 GPH/60° B	OLR154, OLV154	
N03H013	Nozzle, Oil Burner, Delavan, 0.75 GPH/70° B	NOMV156, OLR160	
	Nazzla, Oil Burnar, Dalayan, 0.60 CBH/70, B	OUF105, NOLF105,	
N03H014	Nozzle, Oil Burner, Delavan, 0.60 GPH/70 ^o B	OLR105, OLF105	
N03H022	Nozzle, Oil Burner, Delavan, 1.75 GPH/60∘ B	OLR350	
N03H023	Nozzle, Oil Burner, Delavan, 2.00 GPH/60 W	OLR350	
N03H024	Nozzle, Oil Burner, Delavan, 2.25 GPH/60° B	OLR350	
N03H027	Nozzle, Oil Burner, Delavan, 0.55 GPH/70 B	NOMF105	
N03H029	Nozzle, Oil Burner, Delavan, 0.90 GPH/60 ^o B	OLR154, OLV154	
VESTIBULE	KITS		
LBVEST1M	Vestibule Kit for 5" Breech Low Boy Models	OLF105, OLR105, NOLF105	
	Vestibule Kit for 6" Breech Low Boy Models	OLR160	
		OEI(100	
	Vestibule Kit for 5" Breech High Boy Models	OUF105	
VENT TERM			
VTK1	Vent Terminal Kit for 5" Breech Models	NOLF105, OLF105,	
		OLR105, OUF105	
VTK2	Vent Terminal Kit for 6" Breech Models	OLR160	
VTK65	Vent Terminal Kit for 5" Breech Models	OLR154, OLV154, OMF154, OMV154	
VTK098	Vent Terminal Kit for 4" Breech Models	OLV098, OLR098, OMF112,	
		OMV112, OLR112, OLV112	
FLEX VENT			
IFV315	3" Ø x 15' (76mm x 4.6m) Insulated Flex Vent for	NOLF105, OLF105,	
	5" Breech Models	OLR105, OUF105	
IFV323	3" Ø x 20' (76mm x 7m) Insulated Flex Vent for 5"	NOLF105, OLF105,	
11 V J Z J	Breech Models	OLR105, OUF105	
IFV415	4" Ø x 15' (102mm x 4.6m) Insulated Flex Vent for	OLR160	
11° V4 13	6" Breech Models	OLKIOU	

continued on next page

Oil Furnace Accessories (continued)

Model Number	Description	Used With Models	Notes
FLEX VENT	(continued)		
IFV423	4" Ø x 20' (102mm x 7m) Insulated Flex Vent for 6" Breech Models	OLR160	
IFV508	5" Ø x 10' (127mm x 2.4m)Flex Vent for 8' Breech Models	OLR154, OLV154, OMF154, OMV154	
IFV520	5" Ø x 20' (127mm x 6m) Flex Vent for 20' Breech Models	OLR154, OLV154, OMF154, OMV154	
IFV09810	$4'' Ø \times 10'$ (102mm x 3m) Insulated Flex Vent for 4" Breech Models	OMF098, OMV098, OLR098/OLV098, OLR112/OLV112 OMF112, OMV112	
IFV09820	$4'' Ø \times 20'$ (102mm x 6m) Insulated Flex Vent for 4" Breech Models	OMF098, OMV098, OLR098/OLV098, OLR112/OLV112 OMF112, OMV112	
FLOOR BAS	E		
HFB101	Horizontal Floor Base	NOMF, NOMV, OMF098, OMV098, OMF112, OMV112, OMF154, OMV154	
DFB101	Downflow Subbase	NOMF, NOMV	
DFB102	Downflow Subbase	OMF098, OMV098	
DFB103	Downflow Subbase	OMF112, OMV112	
DFB104	Downflow Subbase	OMF154, OMV154	
FRB101	Floor Return Base	OMF098, OMV098	
COIL ADAP1	TER		
OCA20	Oil Coil Adapter (Cased Coil Adapter, 20" x 20")	OLR105, OLF105, OUF105, NOLF105	
OCA24	Oil Coil Adapter (Cased Coil Adapter, 24" x 24")	OLR160	
ADDITIONAL			
B30083	External Filter Rack 20" x 20"	OUF105	
K03015	Outside Air Filter Rack 20" x 22"	OLR210	
FPG101	Flue Pipe Guard for Downflow	NOMF105, NOMV106	
CAS2B	Outside Air Intake for N01J040	OLF105, OLR105, OUF105	
CAD1	25' Flexible Air Duct for CAS2B	OLR160	
Z06F007	Draft Regulator	OTF210	
C7001025	Riello Two-pipe change over kit	OLF105, OLR105	
Z08F001 +	7 Micron Media Filter & Head	OLF, OLR, OCF, OUF	
Z08F004 +	7 Micron Media Filter	OLF, OLR, OCF, OUF	

+ Must be ordered from Service Parts

SMALL PACKAGE PRODUCTS SINGLE PHASE

NOTES

UP to 16 SEER, UP to 12.5 EER PACKAGE GAS/ELECTRIC, 2 to 5 TONS 208/230 Volt, 1-phase, 60 Hz

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Copper tube/aluminum fin condenser and evaporator coils
- Tin-coated copper evaporator coil standard
- · Two stage scroll compressors standard on all models
- Two stage gas valve and two speed inducer motor on all models

EASY TO INSTALL AND SERVICE

- · Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- · Easily converts to down discharge applications
- Combination gas heating and electric cooling
- Low NOx units available

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard
- · Induced-draft combustion and venting
- High efficiency ECM indoor blower motor on all models
- Pre-painted steel cabinet
- · Direct spark ignition
- · Stainless steel tubular heat exchanger standard
- Vertical condenser fan discharge
- Full perimeter steel base rails
- Crankcase heaters on select models
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year No Hassle Replacement limited warranty
- Lifetime heat exchanger limited warranty
- 5 year parts limited warranty (including compressor and coils)



PGR5





As an Energy Star® Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications.

- With timely registration, an additional 5 year parts limited warranty (including compressor and coils)

UNIT PERFORMANCE DATA												
	CO	OLING		HEAT	ING							
Model Number	Net Capacity BTU/h High / Low	SEER	EER	Input BTU/h	Efficiency AFUE %	Unit Dimensions Height x Width x Depth Inches (mm)	Operating Weight Ibs (kg)	Notes				
PGR524040KGP*	23,000	15.00	12.00	40,000/26,000	78.00	44-1/8 x 47 x 31-7/16	342 (155)					
PGR524060KGP*	23,000	15.00	12.00	60,000/39,000	78.60	(1121 x 1194 x 799)	342 (155)					
PGR530040KGP*	29,000	15.00	12.00	40,000/26,000	78.00	44-1/8 x 47 x 31-7/16	376 (170)					
PGR530060KGP*	29,000	15.00	12.00	60,000/39,000	78.60	(1121 x 1194 x 799)	376 (170)					
PGR536060KGP*	35,400	16.00	12.50	60,000/39,000	78.60	44-3/4 x 47 x 42-15/16	463 (210)					
PGR536090KGP*	35,400	16.00	12.50	90,000/58,500	79.20	(1137 x 1194 x 1091)	463 (210)					
PGR542060KGP*	42,000	16.00	12.50	60,000/39,000	78.60	44-3/4 x 47 x 42-15/16	463 (210)					
PGR542090KGP*	42,000	16.00	12.50	90,000/58,500	79.20	(1137 x 1194 x 1091)	463 (210)					
PGR548090KGP*	47,500	16.00	12.30	90,000/58,500	79.20	ED 2/4 x 47 x 42 4E/46	481 (218)					
PGR548115KGP*	47,500	16.00	12.30	115,000/75,000	80.10	50-3/4 x 47 x 42-15/16 (1289 x 1194 x 1091)	481 (218)					
PGR548130KGP*	47,500	16.00	12.30	130,000/84,500	80.00	(1203 × 1134 × 1091)	481 (218)					
PGR560090KGP*	57,000	16.00	12.30	90,000/58,500	79.20	ED 2/4 x 47 x 42 4E/46	509 (231)					
PGR560115KGP*	57,000	16.00	12.30	115,000/75,000	80.10	52-3/4 x 47 x 42-15/16 (1340 x 1194 x 1091)	509 (231)					
PGR560130KGP*	57,000	16.00	12.30	130,000/84,500	80.00	(10+0 × 119+ × 1091)	509 (231)					

* - 0 = Standard, 1 = Low NOx

compressor

PGS5

15 SEER PACKAGE GAS/ELECTRIC, 2 to 5 TONS Single Phase, 208/230 V, 60 Hz

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Two stage scroll compressors standard on all models
- All models with tin-coated copper evaporator coil standard

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating and electric cooling
- Low NOx units available

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard
- Induced-draft combustion and venting
- Direct spark ignition
- Pre-painted steel cabinet
- High efficiency ECM indoor blower motor on all models
- Stainless steel tubular heat exchanger
- Vertical condenser fan discharge
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year No Hassle Replacement limited warranty
- Lifetime heat exchanger limited warranty
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils) See warranty certificate for complete details.
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.

UNIT PERFORMANCE DATA

	CC	OLING		HEAT	ING			
Model Number	Net Capacity BTU/h High / Low	SEER	EER	Input BTU/h	Efficiency AFUE %	Unit Dimensions Height x Width x Depth Inches (mm)	Operating Weight Ibs (kg)	Notes
PGS524040KGP*C	22,600 / 17,600	15.50	11.40	40,000	78.00	44-3/4x48-3/16x32-5/8	396 (180)	
PGS524060KGP*C	22,600 / 17,600	15.50	11.40	60,000	78.60	(1137x1224x829)	401 (182)	
PGS536060KGP*C	34,600 / 24,400	15.00	12.00	60,000	78.60	48-3/4x48-3/16x44-1/8	485 (220)	
PGS536090KGP*C	34,600 / 24,400	15.00	12.00	90,000	79.20	(1238x1224x1121)	493 (224)	
PGS548090KGP*C	46,000 / 33,400	15.00	11.00	90,000	79.20		521 (236)	
PGS548115KGP*C	46,000 / 33,400	15.00	11.00	115,000	80.10	50-3/4x48-3/16x44-1/8 (1289x1224x1121)	521 (236)	
PGS548130KGP*C	46,000 / 33,400	15.00	11.00	130,000	80.00		521 (236)	
PGS560090KGP*C	57,000 / 40,500	14.50	11.00	90,000	79.20		512 (260)	
PGS560115KGP*C	57,000 / 40,500	14.50	11.00	115,000	80.10	54-3/4x48-3/16x44-1/8 (1391x1224x1121)	512 (260)	
PGS560130KGP*C	57,000 / 40,500	14.50	11.00	130,000	80.00		512 (260)	

* - 0 = Standard, 1 = Low NOx



As an Energy Star® Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

PGD5

15 SEER PACKAGE GAS/ELECTRIC, 2 to 5 TONS

Single Phase, 208/230 V, 60 Hz REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Two stage scroll compressors standard on all models
- Copper tube/aluminum fin condenser and evaporator coils

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating and electric cooling
- Low NOx units available

BUILT TO LAST

- Wire grilles with 2 inch spacing on all models
- Induced-draft combustion and venting
- Direct spark ignition
- Pre-painted steel cabinet
- High efficiency ECM indoor blower motor on all models
- Aluminized steel tubular heat exchanger
- Vertical condenser fan discharge
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 15 Year heat exchanger limited warranty
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils)
- See warranty certificate for complete details.

* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.

UNIT PERFORMAN	JNIT PERFORMANCE DATA										
	CO	OLING		HEATI	NG						
Model Number	Net Capacity BTU/h High / Low	BTU/h		Input BTU/h	Efficiency AFUE %	Unit Dimensions Height x Width x Depth Inches (mm)	Operating Weight Ibs (kg)	Notes			
PGD524040K00*C	22,600 / 17,600	15.50	11.40	40,000	78.00	44-3/4 x 48-3/16 x 32-5/8	396 (180)				
PGD524060K00*C	22,600 / 17,600	15.50	11.40	60,000	78.60	(1137 x 1224 x 829)	401 (182)				
PGD536060K00*C	34,600 / 24,400	15.00	12.00	60,000	78.60	48-3/4 x 48-3/16 x 44-1/8	485 (220)				
PGD536090K00*C	34,600 / 24,400	15.00	12.00	90,000	79.20	(1238 x 1224 x 1121)	493 (224)				
PGD548090K00*C	46,000 / 33,400	15.00	11.00	90,000	79.20		521 (236)				
PGD548115K00*C	46,000 / 33,400	15.00	11.00	115,000	80.10	50-3/4 x 48-3/16 x 44-1/8 (1289 x 1224 x 1121)	521 (236)				
PGD548130K00*C	46,000 / 33,400	15.00	11.00	130,000	80.00		521 (236)				
PGD560090K00*C	57,000 / 40,500	14.50	11.00	90,000	79.20		512 (260)				
PGD560115K00*C	57,000 / 40,500	14.50	11.00	115,000	80.10	54-3/4 x 48-3/16 x 44-1/8 (1391 x 1224 x 1121)	512 (260)				
PGD560130K00*C	57,000 / 40,500	14.50	11.00	130,000	80.00		512 (260)				





As an Energy Star® Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

PAR5

Up to 16 SEER, Up to 12.5 EER, PACKAGE AIR CONDITIONER, 2 to 5 TONS 208/230 Volt, 1-phase, 60 Hz

- **REFRIGERATION CIRCUIT** • Environmentally sound R-410A refrigerant
- Copper tube/almuminum fin condenser and evaporator coils
- Tin-coated copper evaporator coil standard
- Dehumidification mode (airflow reduction) on all models
- Enhanced dehumidification feature on high stage cooling with use of a dehumidistat
- Two stage scroll compressors standard on all models

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications BUILT TO LAST
- Hail guard (3/8" spacing) wire grilles standard
- Multi-speed ECM blower motor standard on all models
- Pre-painted steel cabinet
- Vertical condenser fan discharge
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year No Hassle Replacement limited warranty for models with tin-coated copper evaporator coil.
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils)
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, including warranty coverage for other applications

UNIT PERFORMANC	CE DATA						
		COOLING					
Model Number	Net Capacity BTU/h High Stage	Standard CFM High / Low Stage	S.E.E.R	E.E.R.	Unit Dimensions Height x Width x Depth Inches (mm)	Operating Weight Ibs / kg	Notes
PAR524000K000A1	23000	800/600	15.00	12.00	44-1/8 x 46-13/16 x 31-3/16	327/148	
PAR524000KTP0A1	23000	800/600	15.00	12.00	(1121 x 1189 x 792)	327/148	
PAR530000K000A1	29000	100/750	15.00	12.00	44-1/8 x 46-13/16 x 31-3/16	334/152	
PAR530000KTP0A1	29000	100/750	15.00	12.00	(1121 x 1189 x 792)	334/152	
PAR536000K000A1	35400	1200/900	16.00	12.50	44-3/4 x 46-13/16 x 42-15/16	389/176	
PAR536000KTP0A1	35400	1200/900	16.00	12.50	(1137 x 1189 x 1091)	389/176	
PAR542000K000A1	42000	1400/1050	16.00	12.50	44-3/4 x 46-13/16 x 42-15/16	392/178	
PAR542000KTP0A1	42000	1400/1050	16.00	12.50	(1137 x 1189 x 1091)	392/178	
PAR548000K000A1	47500	1600/1200	16.00	12.30	50-3/4 x 46-13/16 x 42-15/16	444/201	
PAR548000KTP0A1	47500	1600/1200	16.00	12.30	(1269 x 1189 x 1091)	444/201	
PAR560000K000A1	57000	1750/1200	16.00	12.30	52-3/4 x 46-13/16 x 42-15/16	464/211	
PAR560000KTP0A1	57000	1750/1200	16.00	12.30	(1340 x 1189 x 1091)	464/211	

CERTIFIED

individual products, go to www.ahridirectory.org.

Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for







15 SEER PACKAGE AIR CONDITIONER, 2 to 5 TONS

Single Phase, 208/230 V, 60 Hz REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Two stage scroll compressors standard on all models
- All models available with optional factory installed tin-coated copper evaporator coil (These models are identified with letters TP in the 11th and 12th
- positions in the model number)

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard on PAD5**000KTP models
- (2" spacing wire grilles on non-tin models)
- Pre-painted steel cabinet
- · Direct drive high efficiency ECM indoor blower motor on all models
- Vertical condenser fan discharge
- · Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year No Hassle Replacement limited warranty for models with tin-coated copper evaporator coil.
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils) See warranty certificate for complete details.
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.

Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORMAN	UNIT PERFORMANCE DATA												
	Coo	ling											
	Capacity BTU/h				Operating								
Model Number	High / Low	SEER	EER	Height x Width x Depth in (mm)	Weight lbs (kg)	Notes							
PAD524000K000C	22,600 / 17,600	15.50	11.40	44-3/4x48-3/16x32-5/8	363 (165)								
PAD524000KTP0C	22,600 / 17,600	15.50	11.40	(1137x1224x829)	363 (165)								
PAD536000K000C	34,600 / 24,400	15.00	12.00	48-3/4x48-3/16x44-1/8	447 (203)								
PAD536000KTP0C	34,600 / 24,400	15.00	12.00	(1238x1224x1121)	447 (203)								
PAD548000K000C	46,000 / 33,400	15.00	11.00	50-3/4x48-3/16x44-1/8	475 (215)								
PAD548000KTP0C	46,000 / 33,400	15.00	11.00	(1289x1224x1121)	475 (215)								
PAD560000K000C	57,000 / 40,500	14.50	11.00	54-3/4x48-3/16x44-1/8	526 (239)								
PAD560000KTP0C	57,000 / 40,500	14.50	11.00	(1391x1224x1121)	526 (239)								







As an Energy Star® Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



PAD5

PHR5

UP to 15.5 SEER, UP to 12.5 EER, Up to 8.5 HSPF, PACKAGE HEAT PUMP UNITS, 2 - 5 TONS 208/230 Volt, 1-phase, 60 Hz

- Environmentally sound R-410A refrigerant
- · Copper tube/aluminum fin condenser and evaporator coils
- Tin-coated copper evaporator coil standard
- · Enhanced dehumidificaton feature on high stage cooling with use of a dehumidistat
- · Two stage scroll compressors standard on all models

EASY TO INSTALL AND SERVICE

- · Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- · Easily converts to down discharge applications

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard
- · Multi-speed ECM blower motor standard on all models
- Pre-painted steel cabinet
- Vertical condenser fan discharge
- Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year No Hassle Replacement limited warranty for models with tin-coated copper evaporator coil.
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils) See warranty certificate for complete details.
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, including warranty coverage for other applications.







As an Energy Star® Partner, International Comfort Products, has determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

UNIT PERFORMANCE DATA												
		COOLING										
	Net Capacity	Standard CFM					Unit Dimensions	Operating				
Model	BTU/h High	High / Low					Height x Width x Depth	Weight				
Number	Stage	Stage	SEER	EER	HSPF	COP	Inches (mm)	lbs / kg	Notes			
PHR524000KTP0A	23000	850/650	15.0	12.0	8.0	3.8	44-1/8 x 48-13/16 x 32-5/8	348/158				
FTINJ24000INTFUA	23000	050/050	15.0	12.0	0.0	5.0	(1121 x 1224 x 829)	340/100				
PHR530000KTP0A	30000	1000/750	15.0	12.0	8.0	3.8	46-1/8 x 48-13/16 x 32-5/8	356/162				
FHINGSOUDDINTFUR	30000	1000/730	15.0	12.0	0.0	5.0	(1172 x 1224 x 829)	330/102				
PHR536000KTP0A	34000	1200/900	15.0	12.0	8.0	3.7	44-3/4 x 48-1/4 x 44-3/16	413/187				
FTINJJUUUNTFUA	34000	1200/900	15.0	12.0	0.0	5.7	(1137 x 1226 x 1122)	413/107				
PHR542000KTP0A	42000	1400/1050	15.0	12.0	8.0	3.6	50-3/4 x 48-1/4 x 44-3/16	444/201				
FTINJ42000NTF0A	42000	1400/1030	15.0	12.0	0.0	5.0	(1289 x 1226 x 1122)	444/201				
PHR548000KTP0A	47500	1600/1200	15.5	12.5	8.0	3.7	48-3/4 x 48-1/4 x 44-3/16	447/203				
	47500	1000/1200	15.5	12.0	0.0	5.7	(1238 x 1226 x 1122)	4477203				
PHR560000KTP0A	57000	1750/1200	15.0	12.0	8.5	3.5	54-3/4 x 48-1/4 x 44-3/16	503/228				
	0,000	1700/1200	10.0	12.0	0.0	0.0	(1391 x 1226 x 1122)	000/220				

PHD5

15 SEER PACKAGE HEAT PUMP, 2 to 5 TONS Single Phase, 208/230 V, 60 Hz

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Two stage scroll compressors standard on all models with two stages of cooling and heating
- Short-cycling protection for the compressor is built into the defrost control board
- All models available with optional factory installed tin-coated copper evaporator coil

(These models are identified with letters TP in the 11th and 12th positions in the model number)

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination electric heating and cooling

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard on PHD5**000KTP models
- (2" spacing wire grilles on non-tin models)
- Pre-painted steel cabinet
- · Direct drive high efficiency ECM indoor blower motor on all models
- Vertical condenser fan discharge
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year No Hassle Replacement limited warranty for models with tin-coated copper evaporator coil.
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils) See warranty certificate for complete details.
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.

UNIT PERFORMANCE DATA											
	Coo	ling		Heat Pum	р		Operating				
	Capacity	apacity Capacity			Height x Width x Depth	Weight					
Model Number	BTU/h Hi / Lo	SEER	EER	BTU/h Hi / Lo	HSPF	in (mm)	lbs (kg)	Notes			
PHD524000K000C	22,600/17,600	15.0	11.4	20,800/16,800	8.0	44-3/4x48-3/16x32-5/8	405 / 184				
PHD524000KTP0C	22,600/17,600	15.0	11.4	20,800/16,800	8.0	(1137x1224x829)	405 / 184				
PHD536000K000C	34,600/24,400	15.0	12.0	33,600/23,000	8.0	48-3/4x48-3/16x44-1/8	464 / 211				
PHD536000KTP0C	34,600/24,400	15.0	12.0	33,600/23,000	8.0	(1238x1224x1121)	464 / 211				
PHD548000K000C	46,000/33,400	15.0	11.0	45,500/32,200	8.0	50-3/4x48-3/16x44-1/8	492 / 223				
PHD548000KTP0C	46,000/33,400	15.0	11.0	45,500/32,200	8.0	(1289x1224x1121)	492 / 223				
PHD560000K000C	57,000/40,500	14.5	11.0	56,000/39,500	8.0	54-3/4x48-3/16x44-1/8	535 / 243				
PHD560000KTP0C	57,000/40,500	14.5	11.0	56,000/39,500	8.0	(1391x1224x1121)	535 / 243				





As an Energy Star® Partner, International Comfort Products, has



determined that this product meets the ENERGY STAR® guidelines for energy efficiency.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

PGS4

14 SEER PACKAGE GAS/ELECTRIC, 2 to 5 TONS Single Phase, 208/230 V, 60 Hz

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Dehumidification mode (airflow reduction) on all models
- All models with tin-coated copper evaporator coil standard

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating and electric cooling
- Low NOx units available

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard
- Induced-draft combustion and venting
- Direct spark ignition
- · High efficiency ECM indoor blower motor on all models
- · Stainless steel tubular heat exchanger
- Vertical condenser fan discharge
- Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year No Hassle Replacement limited warranty
- Lifetime heat exchanger limited warranty
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils)

See warranty certificate for complete details.

* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.

UNIT PERFORMAN	INIT PERFORMANCE DATA													
	(Cooling	I	Heat	ing									
Model Number	Cap- acity BTU/h	SEER	EER	Input BTU/h	AFUE %	Height x Width x Depth in (mm)	Operating Weight Ibs (kg)	Notes						
PGS424040KGP*C	23,600	14.5	12.0	40,000	80.0		330 (149)							
PGS424060KGP*C	23,600	14.5	12.0	60,000	80.0	40 x 48-3/16 x 32-5/8	330 (149)							
PGS430040KGP*C	28,600	14.5	12.0	40,000	80.0	(1016 x 1224 x 829)	342 (155)							
PGS430060KGP*C	28,600	14.5	12.0	60,000	80.0		342 (155)							
PGS436060KGP*C	34,200	14.5	12.0	60,000	80.0	46 x 48-3/16 x 32-5/8	376 (170)							
PGS436090KGP*C	34,200	14.5	12.0	90,000	79.3	(1167 x 1224 x 829)	376 (170)							
PGS442060KGP*C	41,000	14.5	12.0	60,000	78.5		463 (210)							
PGS442090KGP*C	41,000	14.5	12.0	90,000	80.4	E0 x 49 2/16 x 44 1/9	463 (210)							
PGS448090KGP*C	47,000	14.2	12.0	90,000	80.4	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	481 (218)							
PGS448115KGP*C	47,000	14.2	12.0	115,000	80.3	(1207 × 1224 × 1123)	481 (218)							
PGS448130KGP*C	47,000	14.2	12.0	130,000	78.9		481 (218)							
PGS460090KGP*C	57,000	14.2	12.0	90,000	80.4	E4 x 49 2/16 x 44 1/9	509 (231)							
PGS460115KGP*C	57,000	14.2	12.0	115,000	80.3	54 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	509 (231)							
PGS460130KGP*C	57,000	14.2	12.0	130,000	78.9	(1300 x 1224 x 1123)	509 (231)							

* - 0 = Standard, 1 = Low NOx







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.



PGD4

14 SEER PACKAGE GAS/ELECTRIC, 2 to 5 TONS Single Phase, 208/230 V, 60 Hz

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- · Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating and electric cooling
- Low NOx units available

BUILT TO LAST

- Wire grilles with 2 inch spacing on all models
- Induced-draft combustion and venting
- Direct spark ignition
- High efficiency ECM indoor blower motor on all models
- Aluminized steel tubular heat exchanger
- Vertical condenser fan discharge
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor **WARRANTY***
- 15 year heat exchanger limited warranty
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils) See warranty certificate for complete details.
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.

JNIT PERFORMANCE DATA												
	(Cooling		Heat	ing							
Model Number	Cap- acity BTU/h	SEER	EER	Input BTU/h	AFUE %	Height x Width x Depth in (mm)	Operating Weight Ibs (kg)	Notes				
PGD424040K00*C	23,600	14.5	12.0	40,000	80.0		330 (149)					
PGD424060K00*C	23,600	14.5	12.0	60,000	80.0	40 x 48-3/16 x 32-5/8	330 (149)					
PGD430040K00*C	28,600	14.5	12.0	40,000	80.0	(1016 x 1224 x 829)	342 (155)					
PGD430060K00*C	28,600	14.5	12.0	60,000	80.0		342 (155)					
PGD436060K00*C	34,200	14.5	12.0	60,000	80.0	46 x 48-3/16 x 32-5/8	376 (170)					
PGD436090K00*C	34,200	14.5	12.0	90,000	79.3	(1167 x 1224 x 829)	376 (170)					
PGD442060K00*C	41,000	14.5	12.0	60,000	78.5		463 (210)					
PGD442090K00*C	41,000	14.5	12.0	90,000	80.4	F0 + 40 0/40 + 44 4/0	463 (210)					
PGD448090K00*C	47,000	14.2	12.0	90,000	80.4	50 x 48-3/16 x 44-1/8 (1267 x 1224 x 1123)	481 (218)					
PGD448115K00*C	47,000	14.2	12.0	115,000	80.3	(1207 x 1224 x 1123)	481 (218)					
PGD448130K00*C	47,000	14.2	12.0	130,000	78.9		481 (218)					
PGD460090K00*C	57,000	14.2	12.0	90,000	80.4	E4 × 40 2/46 × 44 4/0	509 (231)					
PGD460115K00*C	57,000	14.2	12.0	115,000	80.3	54 x 48-3/16 x 44-1/8 (1368 x 1224 x 1123)	509 (231)					
PGD460130K00*C	57,000	14.2	12.0	130,000	78.9	(1300 x 1224 x 1123)	509 (231)					

* - 0 = Standard, 1 = Low NOx





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification of individual products, go to www.ahridirectory.org.



PDS4

14 SEER PACKAGE DUAL FUEL HEAT PUMP, 2 to 5 TONS

Single Phase, 208/230 V, 60 Hz REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Dehumidification mode (airflow reduction) on all models
- All models with tin-coated copper evaporator coil standard

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating, heat pump heating and electric cooling
- Low NOx units available

BUILT TO LAST

- Pre-painted steel cabinet
- Induced-draft combustion and venting
- Direct spark ignition
- High efficiency ECM indoor blower motor on all models
- Stainless steel tubular heat exchanger
- Vertical condenser fan discharge
- Hail guard (3/8" spacing) wire grilles standard
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor **WARRANTY***
- 5 year No Hassle Replacement limited warranty
- Lifetime heat exchanger limited warranty
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils) See warranty certificate for complete details.
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.

UNIT PERFORMANCE DATA												
	Cooling			Heat Pump Heating		eating		Operating				
Model Number	Capacity BTU/h	SEER	EER	Input BTU/h	HSPF	Input BTU/h	AFUE %	Height x Width x Depth in (mm)	Weight Ibs (kg)	Notes		
PDS424040KGP*C	23,000	14.2	12.0	23,000	8.0	40,000	80.0	44-1/8x48-3/16x32-5/8	368 (167)			
PDS424060KGP*C	23,000	14.2	12.0	23,000	8.0	60,000	80.0	(1121x1224x829)	369 (167)			
PDS430040KGP*C	28,600	14.2	12.0	29,600	8.0	40,000	80.0	44-1/8x48-3/16x32-5/8	360 (163)			
PDS430060KGP*C	28,600	14.2	12.0	29,600	8.0	60,000	80.0	(1121x1224x829)	361 (163)			
PDS436060KGP*C	35,800	14.5	12.0	35,800	8.0	60,000	78.5	44-3/4x48-3/16x44-1/8	440 (200)			
PDS436090KGP*C	35,800	14.5	12.0	35,800	8.0	90,000	80.4	(1137x1224x1122)	441 (200)			
PDS442060KGP*C	40,500	14.5	12.0	41,500	8.0	60,000	78.5	48-3/4x48-3/16x44-1/8	486 (220)			
PDS442090KGP*C	40,500	14.5	12.0	41,500	8.0	90,000	80.4	(1238x1224x1122)	487 (220)			
PDS448090KGP*C	46,500	14.5	12.0	45,500	8.0	90,000	80.4	48-3/4x48-3/16x44-1/8	506 (230)			
PDS448115KGP*C	46,500	14.5	12.0	45,500	8.0	115,000	80.3	(1238x1224x1122)	507 (230)			
PDS448130KGP*C	46,500	14.5	12.0	45,500	8.0	130,000	78.9	(1200/1224/1122)	508 (230)			
PDS460090KGP*C	57,000	14.5	12.0	59,000	8.0	90,000	80.4	54-3/4x48-3/16x44-1/8	540 (245)			
PDS460115KGP*C	57,000	14.5	12.0	59,000	8.0	115,000	80.3	(1391x1224x1122)	541 (245)			
PDS460130KGP*C	57,000	14.5	12.0	59,000	8.0	130,000	78.9	(1031/1224/1122)	542 (245)			

* - 0 = Standard, 1 = Low NOx





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .



PDD4

14 SEER PACKAGE DUAL FUEL HEAT PUMP, 2 to 5 TONS

Single Phase, 208/230 V, 60 Hz REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- · Easily converts to down discharge applications
- Combination gas heating, heat pump heating and electric cooling
- Low NOx units available

BUILT TO LAST

- Wire grilles with 2 inch spacing on all models
- Pre-painted steel cabinet
- Induced-draft combustion and venting
- Direct spark ignition
- High efficiency ECM indoor blower motor on all models
- Aluminized steel tubular heat exchanger
- Vertical condenser fan discharge
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 15 year heat exchanger limited warranty
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils)
- See warranty certificate for complete details.

* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.

	Co	oling		Heat	ing	Gas He	ating		Operating	
	Capacity			Input		Input	AFUE	Height x Width x	Weight lbs	
Model Number	BTU/h	SEER	EER	BTU/h	HSPF	BTU/h	%	Depth in (mm)	(kg)	Notes
PDD424040K00*C	23,000	14.2	12.0	23,000	8.0	40,000	80.0	44-1/8x48-3/16x32-5/8	368 (167)	
PDD424060K00*C	23,000	14.2	12.0	23,000	8.0	60,000	80.0	(1121x1224x829)	369 (167)	
PDD430040K00*C	28,600	14.2	12.0	29,600	8.0	40,000	80.0	44-1/8x48-3/16x32-5/8	360 (163)	
PDD430060K00*C	28,600	14.2	12.0	29,600	8.0	60,000	80.0	(1121x1224x829)	361 (163)	
PDD436060K00*C	35,800	14.5	12.0	35,800	8.0	60,000	78.5	44-3/4x48-3/16x44-1/8	440 (200)	
PDD436090K00*C	35,800	14.5	12.0	35,800	8.0	90,000	80.4	(1137x1224x1122)	441 (200)	
PDD442060K00*C	40,500	14.5	12.0	41,500	8.0	60,000	78.5	48-3/4x48-3/16x44-1/8	486 (220)	
PDD442090K00*C	40,500	14.5	12.0	41,500	8.0	90,000	80.4	(1238x1224x1122)	487 (220)	
PDD448090K00*C	46,500	14.5	12.0	45,500	8.0	90,000	80.4	40.0/4×40.0/16×44.4/0	506 (230)	
PDD448115K00*C	46,500	14.5	12.0	45,500	8.0	115,000	80.3	48-3/4x48-3/16x44-1/8 (1238x1224x1122)	507 (230)	
PDD448130K00*C	46,500	14.5	12.0	45,500	8.0	130,000	78.9	(1230/1224/1122)	508 (230)	
PDD460090K00*C	57,000	14.5	12.0	59,000	8.0	90,000	80.4	EA 0/4-40 0/40-44 4/0	540 (245)	
PDD460115K00*C	57,000	14.5	12.0	59,000	8.0	115,000	80.3	54-3/4x48-3/16x44-1/8 (1391x1224x1122)	541 (245)	
PDD460130K00*C	57,000	14.5	12.0	59,000	8.0	130,000	78.9	(1391x1224x1122)	542 (245)	

* - 0 = Standard, 1 = Low NOx





www.ahridirectory.org

CERTIFIED

Use of the AHRI Certified TM Mark indicates a manufacturer's participation

in the program. For verification of certification for individual products, go to

14 SEER PACKAGE AIR CONDITIONER, 2 to 5 TONS

Single Phase, 208/230 V, 60 Hz **REFRIGERATION CIRCUIT**

- Environmentally sound R-410A refrigerant
- · Scroll compressor standard on all models
- · Dehumidification mode (airflow reduction) on all models
- · All models available with optional factory installed tin-coated copper evaporator coil (These models are identified with letters TP in the 11th and 12th
- positions in the model number)

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard on PAD4**000KTP models
- (2" spacing wire grilles on non-tin models)
- Pre-painted steel cabinet
- · High efficiency ECM indoor blower motor on all models
- Vertical condenser fan discharge
- Full perimeter steel base rails

UNIT PERFORMANCE DATA

· High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year No Hassle Replacement limited warranty for models with tin-coated copper evaporator coil.
- 5 year parts limited warranty (including compressor and coils)

- With timely registration, an additional 5 year parts limited warranty (including compressor and coils) See warranty certificate for complete details.

* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.

certification for individual products, go to www.ahridirectory.org

	0	Cooling				
	Capacity				Operating	
Model Number	BTU/h	SEER	EER	Height x Width x Depth in (mm)	Weight lbs (kg)	Notes
PAD424000K000C	23,600	14.5	12.0		288 (130)	
PAD424000KTP0C	23,600	14.5	12.0	40 x 48-3/16 x 32-5/8	288 (130)	
PAD430000K000C	28,600	14.5	12.0	(1016 x 1224 x 829)	300 (136)	
PAD430000KTP0C	28,600	14.5	12.0		300 (136)	
PAD436000K000C	34,200	14.5	12.0	46 x 48-3/16 x 32-5/8	358 (162)	
PAD436000KTP0C	34,200	14.5	12.0	(1168 x 1224 x 829)	358 (162)	
PAD442000K000C	41,000	14.5	12.0		412 (187)	
PAD442000KTP0C	41,000	14.5	12.0	49-7/8 x 48-3/16 x 44-1/8	412 (187)	
PAD448000K000C	47,000	14.2	12.0	(1266 x 1224 x 1123)	430 (195)	
PAD448000KTP0C	47,000	14.2	12.0		430 (195)	
PAD460000K000C	57,000	14.2	12.0	53-7/8 x 48-3/16 x 44-1/8	458 (208)	
PAD460000KTP0C	57,000	14.2	12.0	(1368 x 1224 x 1123)	458 (208)	







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of



PHD4

14 SEER PACKAGE HEAT PUMP, 2 to 5 TONS

Single Phase, 208/230 V, 60 Hz REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Short-cycling protection for the compressor is built into the defrost control board
- Dehumidification mode (airflow reduction) on all models
- All models available with optional factory installed tin-coated copper evaporator coil (These models are identified with letters TP in the 11th and 12th positions in the model number)

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination electric heating and cooling

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard on PHD4**000KTP models
- (2" spacing wire grilles on non-tin models)
- · Direct drive high efficiency ECM indoor blower motor on all models
- Vertical condenser fan discharge
- Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 5 year No Hassle Replacement limited warranty for models with tin-coated copper evaporator coil.
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils) See warranty certificate for complete details.
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.



Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .



UNIT PERFORMAN	CE DATA							
		Cooling		Heat P	ump		Operating	
Model Number	Capacity BTU/h	SEER	EER	Capacity BTU/h	HSPF	Height x Width x Depth in (mm)	Weight lbs (kg)	Notes
PHD424000K000D	23,000	14.2	12.0	23,000	8.0		348 (158)	
PHD424000KTP0D	23,000	14.2	12.0	23,000	8.0	44 1/8 x 48 3/16 x 32 5/8	348 (158)	
PHD430000K000D	28,600	14.5	12.0	29,600	8.0	(1121 x 1224 x 829)	340 (154)	
PHD430000KTP0D	28,600	14.5	12.0	29,600	8.0		340 (154)	
PHD436000K000D	35,800	14.5	12.0	35,800	8.0	44 3/4 x 48 3/16 x 44 3/16	418 (190)	
PHD436000KTP0D	35,800	14.5	12.0	35,800	8.0	(1137 x 1224 x 1122)	418 (190)	
PHD442000K000D	40,500	14.5	12.0	41,500	8.0		464 (210)	
PHD442000KTP0D	40,500	14.5	12.0	41,500	8.0	48 3/4 x 48 3/16 x 44 3/16	464 (210)	
PHD448000K000D	46,500	14.5	12.0	45,500	8.0	(1238 x 1224 x 1122)	452 (205)	
PHD448000KTP0D	46,500	14.5	12.0	45,500	8.0		452 (205)	
PHD460000K000D	57,000	14.5	12.0	59,000	8.0	54 3/4 x 48 3/16 x 44 3/16	506 (230)	
PHD460000KTP0D	57,000	14.5	12.0	59,000	8.0	(1391 x 1224 x 1122)	506 (230)	





PGS3

13 SEER PACKAGE GAS/ELECTRIC, 2 to 5 TONS Single Phase, 208/230 V, 60 Hz

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- All models with tin-coated copper evaporator coil standard
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating and electric cooling
- Low NOx units available

BUILT TO LAST

- Hail guard (3/8" spacing) wire grilles standard
- Pre-painted steel cabinet
- Direct spark ignition
- High efficiency ECM indoor blower motor on all models
- Stainless steel tubular heat exchanger
- Vertical condenser fan discharge
- Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 1 year No Hassle Replacement limited warranty
- · Lifetime heat exchanger limited warranty
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils)

See warranty certificate for complete details.

* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.

UNIT PERFORMAN	CE DATA							
	(Cooling		Heat	ing			
Model Number	Cap- acity BTU/h	SEER	EER	Input BTU/h	AFUE %	Height x Width x Depth in (mm)	Operating Weight Ibs (kg)	Notes
PGS324040KGP*C	23,000	13.2	11.0	40,000	80.0	40x48-3/16x32-5/8	304 (137)	
PGS324060KGP*C	23,000	13.2	11.0	60,000	80.0	(1016x1224x829)	304 (137)	
PGS330040KGP*C	28,600	13.5	11.2	40,000	80.0	42x48-3/16x32-5/8	309 (140)	
PGS330060KGP*C	28,600	13.5	11.2	60,000	80.0	(1066x1224x829)	309 (140)	
PGS336060KGP*C	34,400	13.0	11.0	60,000	80.0	46x48-3/16x32-5/8	319 (144)	
PGS336090KGP*C	34,400	13.0	11.0	90,000	79.3	(1168x1224x829)	319 (144)	
PGS342060KGP*C	40,500	13.2	11.2	60,000	78.5	40x48-3/16x44-1/8	411 (186)	
PGS342090KGP*C	40,500	13.2	11.2	90,000	80.4	(1016x1224x1123)	411 (186)	
PGS348090KGP*C	46,500	13.2	11.2	90,000	80.4		419 (190)	
PGS348115KGP*C	46,500	13.2	11.2	115,000	80.3		419 (190)	
PGS348130KGP*C	46,500	13.2	11.2	130,000	78.9	42x48-3/16x44-1/8	419 (190)	
PGS360090KGP*C	57,000	13.4	11.0	90,000	80.4	(1066x1224x1123)	419 (190)	
PGS360115KGP*C	57,000	13.4	11.0	115,000	80.3		441 (200)	
PGS360130KGP*C	57,000	13.4	11.0	130,000	78.9		441 (200)	

* - 0 = Standard, 1 = Low NOx







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

PGD3

13 SEER PACKAGE GAS/ELECTRIC, 2 to 5 TONS Single Phase, 208/230 V, 60 Hz

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- · Copper tube/aluminum fin condenser and evaporator coils
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating and electric cooling
- · Low NOx units available

BUILT TO LAST

- · Pre-painted steel cabinet
- · Direct spark ignition
- · High efficiency ECM indoor blower motor on all models
- · Aluminized steel tubular heat exchanger
- Vertical condenser fan discharge
- Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 10 year heat exchanger limited warranty
- 5 year parts limited warranty (including compressor and coils)

- With timely registration, an additional 5 year parts limited warranty (including compressor and coils) See warranty certificate for complete details.

* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.

UNIT PERFORMAN	CE DATA	L						
	(Cooling		Heat	ing			
Model Number	Cap- acity BTU/h	SEER	EER	Input BTU/h	AFUE %	Height x Width x Depth in (mm)	Operating Weight Ibs (kg)	Notes
PGD324040K00*C	23,000	13.2	11.0	40,000	80.0	40 x 48 3/16 x 32 5/8	304 (137)	
PGD324060K00*C	23,000	13.2	11.0	60,000	80.0	(1016 x 1224 x 829)	304 (137)	
PGD330040K00*C	28,600	13.5	11.2	40,000	80.0	42 x 48 3/16 x 32 5/8	309 (140)	
PGD330060K00*C	28,600	13.5	11.2	60,000	80.0	(1065 x 1224 x 829)	309 (140)	
PGD336060K00*C	34,400	13.0	11.0	60,000	80.0	46 x 48 3/16 x 32 5/8	319 (144)	
PGD336090K00*C	34,400	13.0	11.0	90,000	79.3	(1016 x 1224 x 829)	319 (144)	
PGS342060K0P*C	40,500	13.2	11.2	60,000	78.5	40 x 48-3/16 x 44-1/8	411 (186)	
PGS342090K0P*C	40,500	13.2	11.2	90,000	80.4	(1016 x 1224 x 1123)	411 (186)	
PGD348090K00*C	46,500	13.2	11.2	90,000	80.4	40 × 40 2/46 × 44 1/0	429 (194)	
PGD348115K00*C	46,500	13.2	11.2	115,000	80.3	42 x 48 3/16 x 44 1/8 (1066 x 1224 x1123)	419 (190)	
PGD348130K00*C	46,500	13.2	11.2	130,000	78.9	(1000 x 1224 x 1123)	419 (190)	
PGD360090K00*C	57,000	13.4	11.0	90,000	80.4	40 × 40 2/46 × 44 4/0	441 (200)	
PGD360115K00*C	57,000	13.4	11.0	115,000	80.3	42 x 48 3/16 x 44 1/8 (1066 x 1224 x1123)	441 (200)	
PGD360130K00*C	57,000	13.4	11.0	130,000	78.9	(1000 × 1224 ×1123)	441 (200)	









Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

13 SEER PACKAGE DUAL FUEL HEAT PUMP, 2 to 5 TONS

Single Phase, 208/230 V, 60 Hz REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- All models with tin-coated copper evaporator coil standard
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination gas heating, heat pump heating and electric cooling
- Low NOx units available

BUILT TO LAST

- Pre-painted steel cabinet
- · Induced-draft combustion and venting
- Direct spark ignition
- High efficiency ECM indoor blower motor on all models
- Stainless steel tubular heat exchanger
- Vertical condenser fan discharge
- Hail guard (3/8" spacing) wire grilles standard
- Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 1 year No Hassle Replacement limited warranty
- Lifetime heat exchanger limited warranty
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils)

See warranty certificate for complete details.

* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.

	С	ooling		Heat Pump Heating		Gas Heating				
Model Number	Cap- acity BTU/h	SEER	EER	Input BTU/h	HSPF	Input BTU/h	AFUE %	Height x Width x Depth in (mm)	Operating Weight Ibs (kg)	Notes
PDS324040KGP*C	23,800	13.5	11.5	23,400	7.7	40,000	80.0	42-1/8x48-3/16x32-5/8	352 (159)	
PDS324060KGP*C	23,800	13.5	11.5	23,400	7.7	60,000	80.0	(1070x1224x829)	352 (159)	
PDS330040KGP*C	29,000	13.5	11.5	29,000	7.7	40,000	80.0	42-1/8x48-3/16x32-5/8	365 (165)	
PDS330060KGP*C	29,000	13.5	11.5	29,000	7.7	60,000	80.0	(1070x1224x829)	365 (165)	
PDS336060KGP*C	35,000	13.5	11.5	35,000	7.7	60,000	80.0	42-1/8x48-3/16x32-5/8	372 (168)	
PDS336090KGP*C	35,000	13.5	11.5	35,000	7.7	90,000	79.3	(1070x1224x829)	372 (168)	
PDS342060KGP*C	40,000	13.2	11.5	40,000	7.7	60,000	78.5	44-3/4x48-3/16x44-1/8	453 (205)	
PDS342090KGP*C	40,000	13.2	11.5	40,000	7.7	90,000	80.4	(1137x1224x1123)	453 (205)	
PDS348090KGP*C	47,000	13.5	11.5	46,500	7.7	90,000	80.4	44-3/4x48-3/16x44-1/8	474 (215)	
PDS348115KGP*C	47,000	13.5	11.5	46,500	7.7	115,000	80.3	(1137x1224x1123)	474 (215)	
PDS348130KGP*C	47,000	13.5	11.5	46,500	7.7	130,000	78.9	(1107/1224/1120)	474 (215)	
PDS360090KGP*C	57,000	13.5	11.5	57,000	7.7	90,000	80.4	48-3/4x48-3/16x44-1/8	498 (226)	
PDS360115KGP*C	57,000	13.5	11.5	57,000	7.7	115,000	80.3	48-3/4x48-3/16x44-1/8 (1266x1224x1123)	498 (226)	
PDS360130KGP*C	57,000	13.5	11.5	57,000	7.7	130,000	78.9	(1200x1224x1123)	498 (226)	

* - 0 = Standard, 1 = Low NOx







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.



PDD3

13 SEER PACKAGE DUAL FUEL HEAT PUMP, 2 to 5 TONS

Single Phase, 208/230 V, 60 Hz

REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- · Combination gas heating, heat pump heating and electric cooling
- Low NOx units available

BUILT TO LAST

- Induced-draft combustion and venting
- Pre-painted steel cabinet
- Direct spark ignition
- High efficiency ECM indoor blower motor on all models
- Aluminized steel tubular heat exchanger
- Vertical condenser fan discharge
- Full perimeter steel base rails
- · High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 10 heat exchanger limited warranty
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils)
- See warranty certificate for complete details.
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.

UNIT PERFORMANCE DATA

	Co	oling		Heat P	ump	Gas He	ating		Operating	
	Capacity			Input		Input	AFUE	Height x Width x	Weight lbs	
Model Number	BTU/h	SEER	EER	BTU/h	HSPF	BTU/h	%	Depth in (mm)	(kg)	Notes
PDD324040K00*C	23,800	13.5	11.5	23,400	7.7	40,000	80.0	42-1/8x48-3/16x32-5/8	352 (159)	
PDD324060K00*C	23,800	13.5	11.5	23,400	7.7	60,000	80.0	(1070x1224x829)	352 (159)	
PDD330040K00*C	29,000	13.5	11.5	29,000	7.7	40,000	80.0	42-1/8x48-3/16x32-5/8	365 (165)	
PDD330060K00*C	29,000	13.5	11.5	29,000	7.7	60,000	80.0	(1070x1224x829)	365 (165)	
PDD336060K00*C	35,000	13.5	11.5	35,000	7.7	60,000	80.0	42-1/8x48-3/16x32-5/8	372 (168)	
PDD336090K00*C	35,000	13.5	11.5	35,000	7.7	90,000	79.3	(1070x1224x829)	372 (168))	
PDD342060K00*C	40,000	13.2	11.5	40,000	7.7	60,000	78.5	44-3/4x48-3/16x44-1/8	453 (205)	
PDD342090K00*C	40,000	13.2	11.5	40,000	7.7	90,000	80.4	(1137x1224x1123)	453 (205)	
PDD348090K00*C	47,000	13.5	11.5	46,500	7.7	90,000	80.4	44 0/4-40 0/40-44 4/0	474 (215)	
PDD348115K00*C	47,000	13.5	11.5	46,500	7.7	115,000	80.3	44-3/4x48-3/16x44-1/8 (1137x1224x1123)	474 (215)	
PDD348130K00*C	47,000	13.5	11.5	46,500	7.7	130,000	78.9	(11373122431123)	474 (215)	
PDD360090K00*C	57,000	13.5	11.5	57,000	7.7	90,000	80.4	40 2/4×40 2/46×44 4/0	498 (226)	
PDD360115K00*C	57,000	13.5	11.5	57,000	7.7	115,000	80.3	48-3/4x48-3/16x44-1/8 (1266x1224x1123)	498 (226)	
PDD360130K00*C	57,000	13.5	11.5	57,000	7.7	130,000	78.9	(1200/1224/1123)	498 (226)	

* - 0 = Standard, 1 = Low NOx







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

PAD3

13 SEER PACKAGE AIR CONDITIONER, 2 to 5 TONS

Single Phase, 208/230 V, 60 Hz REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- All models available with optional factory installed
- tin-coated copper evaporator coil
- (These models are identified with letters TP in the 11th and 12th positions in the model number)
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications

BUILT TO LAST

- Pre-painted steel cabinet
- High efficiency ECM indoor blower motor on all models
- Hail guard (3/8" spacing) wire grilles standard on PAD3**000KTP models (2" spacing wire grilles on non-tin models)
- Vertical condenser fan discharge
- Full perimeter steel base rails
- High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 1 year No Hassle Replacement limited warranty for models with tin-coated copper evaporator coil.
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils)
- See warranty certificate for complete details.
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org .

UNIT PERFORMANC	CE DATA					
	0	Cooling				
	Capacity				Operating	
Model Number	BTU/h	SEER	EER	Height x Width x Depth in (mm)	Weight lbs (kg)	Notes
PAD324000K000C	23,000	13.2	11.0	40 x 48 3/16 x 32 5/8	272 (123)	
PAD324000KTP0C	23,000	13.2	11.0	(1016 x 1224 x 829)	272 (123)	
PAD330000K000C	28,600	13.5	11.2	42 x 48 3/16 x 32 5/8	277 (125)	
PAD330000KTP0C	28,600	13.5	11.2	(1065 x 1224 x 829)	277 (125)	
PAD336000K000C	34,400	13.0	11.0	46 x 48 3/16 x 32 5/8	283 (128)	
PAD336000KTP0C	34,400	13.0	11.0	(1016 x 1224 x 829)	283 (128)	
PAD342000K000C	40,500	13.2	11.2	40 x 48-3/16 x 44-1/8	369 (167)	
PAD342000KTP0C	40,500	13.2	11.2	(1016 x 1224 x 1123)	369 (167)	
PAD348000K000C	46,500	13.2	11.2	42 x 48 3/16 x 44 1/8	375 (170)	
PAD348000KTP0C	46,500	13.2	11.2	(1066 x 1224 x1123)	375 (170)	
PAD360000K000C	57,000	13.4	11.0	42 x 48 3/16 x 44 1/8	397 (180)	
PAD360000KTP0C	57,000	13.4	11.0	(1066 x 1224 x1123)	397 (180)	



PAJ3

13 SEER, R-410A PACKAGE AIR CONDITIONER FOR MANUFACTURED HOUSING, RESIDENTIAL, AND LIGHT COMMERCIAL APPLICATIONS 2 - 5 TONS, Single Phase, 208/230 V, 60 Hz

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- · Compact, fully self-contained, electric cooling unit with horizontal supply and return ducts
- · Light weight, compact construction ideal for manufactured housing and residential applications
- Environmentally sound R-410A refrigerant
- Vibration isolation provides quiet operation
- · Compressors have internal over current protection
- · Liquid refrigerant filter driers
- Hand holds built into the unit base pan
- · Designed to be serviced from both the side and front
- · Accessory electric heaters with single point connections
- Durable pre-painted steel cabinet
- · No-rust base pan with integrated drain pan standard on all units
- Direct-drive ECM multispeed blower motor standard on all models
- · Louvered coil enclosure for protection against vandalism and hail damage
- · Aerodynamic fan blade design reduces the overall sound
- All models available with optional factory installed tin-coated copper evaporator coil.
- (These models are identified with letters TP in the 11th and 12th positions in the model number) **WARRANTY***
- 5-year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils)
- See warranty certificate for complete details.
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORMANC	CE DATA					
	0	Cooling				
	Capacity				Operating	
Model Number	BTU/h	SEER	EER	Height x Width x Depth in (mm)	Weight lbs (kg)	Notes
PAJ324000K000A	22,800	13.5	11.5	30 x 51 x 32	237 (108)	
PAJ324000KTP0A	22,800	13.5	11.5	(765 x 1295 x 813)	237 (108)	
PAJ330000K000A	28,400	13.2	11.5	30 x 51 x 32	249 (113)	
PAJ330000KTP0A	28,400	13.2	11.5	(765 x 1295 x 813)	249 (113)	
PAJ336000K000A	34,800	13.5	11.5	30 x 51 x 32	279 (127)	
PAJ336000KTP0A	34,800	13.5	11.5	(765 x 1295 x 813)	279 (127)	
PAJ342000K000A	40,500	13.5	11.5	34 x 51 x 32	303 (138)	
PAJ342000KTP0A	40,500	13.5	11.5	(867 x 1295 x 813)	303 (138)	
PAJ348000K000A	46,500	13.2	11.0	34 x 51 x 32	305 (139)	
PAJ348000KTP0A	46,500	13.2	11.0	(867 x 1295 x 813)	305 (139)	
PAJ360000K000B	55,500	13.2	11.0	42 x 51 x 32	352 (160)	
PAJ360000KTP0B	55,500	13.2	11.0	(1070 x 1295 x813)	352 (160)	



PHD3

13 SEER PACKAGE HEAT PUMP, 2 to 5 TONS

Single Phase, 208/230 V, 60 Hz REFRIGERATION CIRCUIT

- Environmentally sound R-410A refrigerant
- Scroll compressor standard on all models
- Copper tube/aluminum fin condenser and evaporator coils
- All models available with optional factory installed tin-coated copper evaporator coil

(These models are identified with letters TP in the 11th and 12th positions in the model number)

- Short-cycling protection for the compressor is built into the defrost control board
- Dehumidification mode (airflow reduction) on all models

EASY TO INSTALL AND SERVICE

- Installs easily on a rooftop or at ground level
- · Easy three-panel accessibility for maintenance and installation
- Easily converts to down discharge applications
- Combination electric heating and cooling

BUILT TO LAST

- Pre-painted steel cabinet
- Direct drive high efficiency ECM indoor blower motor on all models
- Vertical condenser fan discharge
- Full perimeter steel base rails
- Hail guard (3/8" spacing) wire grilles standard on PHD3**000KTP models (2" spacing wire grilles on non-tin models)
- High and low pressure switches provide added reliability for the compressor

WARRANTY*

- 1 year No Hassle Replacement limited warranty for models with tin-coated copper evaporator coil.
- 5 year parts limited warranty (including compressor and coils)
- With timely registration, an additional 5 year parts limited warranty (including compressor and coils)
- See warranty certificate for complete details.
- * For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.

UNIT PERFORMAN	CE DATA	L						
	(Cooling		Heat P	ump			
Madal Marshar	Cap- acity	0550		Cap- acity		Uninké a Wildek a Doroth in (ann)	Operating Weight	Neter
Model Number	BTU/h	SEER	EER	-	HSPF	Height x Width x Depth in (mm)	lbs (kg)	Notes
PHD324000K000C	23,800	13.5	11.5	23,400	7.7	42-1/8 x 48-3/16 x 32-5/8	320 (145)	
PHD324000KTP0C	23,800	13.5	11.5	23,400	7.7	(1070 x 1224 x 829)	320 (145)	
PHD330000K000C	29,000	13.5	11.5	29,000	7.7	42-1/8 x 48-3/16 x 32-5/8	332 (150)	
PHD330000KTP0C	29,000	13.5	11.5	29,000	7.7	(1070 x 1224 x 829)	332 (150)	
PHD336000K000C	35,000	13.5	11.5	35,000	7.7	42-1/8 x 48-3/16 x 32-5/8	336 (152)	
PHD336000KTP0C	35,000	13.5	11.5	35,000	7.7	(1070 x 1224 x 829)	336 (152)	
PHD342000K000C	40,000	13.2	11.5	40,000	7.7	44-3/4 x 48-3/16 x 44-1/8	441 (186)	
PHD342000KTP0C	40,000	13.2	11.5	40,000	7.7	(1137 x 1224 x1123)	441 (186)	
PHD348000K000C	47,000	13.5	11.5	46,500	7.7	44-3/4 x 48-3/16 x 44-1/8	429 (194)	
PHD348000KTP0C	47,000	13.5	11.5	46,500	7.7	(1137 x 1224 x 1123)	429 (194)	
PHD360000K000C	57,000	13.5	11.5	57,000	7.7	48-3/4 x 48-3/16 x 44-1/8	454 (206)	
PHD360000KTP0C	57,000	13.5	11.5	57,000	7.7	(1266 x1224 x 1123)	454 (206)	







Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

143

PHJ3

13 SEER, R-410A PACKAGE HEAT PUMP FOR MANUFACTURED HOUSING, RESIDENTIAL, AND LIGHT COMMERCIAL APPLICATIONS 2 - 5 TONS, Single Phase, 208/230 V, 60 Hz

BUILT TO LAST, EASY TO INSTALL AND SERVICE

- · Compact, fully self-contained, electric cooling and heating unit with horizontal supply and return ducts
- · Light weight, compact construction ideal for manufactured housing and residential applications
- Environmentally sound R-410A refrigerant
- Vibration isolation provides quiet operation
- Compressors have internal over current protection.
- Liquid refrigerant filter driers
- Hand holds built into the unit base pan
- Designed to be serviced from both the side and front
- Accessory electric heaters with single point connections
- Durable pre-painted steel cabinet
- No-rust base pan with integrated drain pan standard on all units
- Direct drive ECM multispeed blower motor on all models
- · Louvered coil enclosure for protection against vandalism and hail damage
- Aerodynamic fan blade design reduces the overall sound
- All models available with optional factory installed tin-coated copper evaporator coil.
- (These models are identified with letters TP in the 11th and 12th positions in the model number) **WARRANTY***
- 5-year parts limited warranty (including compressor and coils)

- With timely registration, an additional 5 year parts limited warranty (including compressor and coils) See warranty certificate for complete details.

* For owner occupied, residential applications only. See warranty certificate for complete details and restrictions, applications. including warranty coverage for other applications.





Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program. For verification of certification for individual products, go to www.ahridirectory.org.

UNIT PERFORMAN	1				. 1			
Model Number	Cap- acity BTU/h	Cooling SEER	EER	Heat P Cap- acity BTU/h	HSPF	Height x Width x Depth in (mm)	Operating Weight Ibs (kg)	Notes
PHJ324000K000A	24,000	13.5	11.5	23,800	7.7	30 x 51 x 32	263 (120)	
PHJ324000KTP0A	24,000	13.5	11.5	23,800	7.7	(765 x 1295 x 813)	263 (120)	
PHJ330000K000A	28,000	13.5	11.5	28,600	7.7	30 x 51 x 32	264 (120)	
PHJ330000KTP0A	28,000	13.5	11.5	28,600	7.7	(765 x 1295 x 813)	264 (120)	
PHJ336000K000A	36,000	13.5	11.5	34,400	7.7	34 x 51 x 32	285 (130)	
PHJ336000KTP0A	36,000	13.5	11.5	34,400	7.7	(867 x 1295 x 813)	285 (130)	
PHJ342000K000A	41,500	13.2	11.5	41,000	7.7	42 x 51 x 32	339 (154)	
PHJ342000KTP0A	41,500	13.2	11.5	41,000	7.7	(1070 x 1295 x 813)	339 (154)	
PHJ348000K000A	46,500	13.5	11.5	46,500	7.7	42 x 51 x 32	358 (163)	
PHJ348000KTP0A	46,500	13.5	11.5	46,500	7.7	(1070 x 1295 x 813)	358 (163)	
PHJ360000K000A	55,000	13	11.0	55,000	7.7	42 x 51 x 32	371 (169)	
PHJ360000KTP0A	55,000	13	11.0	55,000	7.7	(1070 x 1295 x 813)	371 (169)	



PGD3, PGS3, PAD3, PHD3, PDD3, PDS3

Single Phase Model Accessories

Accessories

Accessory Model Number	Description	Use With	Notes
CURBS			
CPRFCURB010A00	Roof Curb, 11" High	24 - 60	
CPRFCURB011A00	Roof Curb, 14" High	24 - 60	
CPRFCURB012A00	Roof Curb, 11" High	42 - 60	
CPRFCURB013A00	Roof Curb, 14" High	42 - 60	
	PRFCURB011A00 can be used with PGD342-60, PGS342-60, PAD342-60	units with some	
overhang.			
ADAPTER CURBS*			
CPADCURB001A00	Adapter Curb for use with NPRFCURB006A00 & NPRFCURB007A00	24 - 36	
CPADCURB002A00	Adapter Curb for use with NPRFCURB008A00 & NPRFCURB009A00	42 - 60	
* Can also be used when replacing	g other manufacturer's older generation units that contains a composite base wit	thout a metal base ra	il.
CONCENTRIC ADAPTORS -			
NPCONADP001A00	For 18" round duct (use with curbs CPRFCURB010A00, CPRFCURB011A00)	Small Curb	
NPCONADP002A00	For 18" round duct (use with curbs CPRFCURB012A00, CPRFCURB013A00)	Large Curb	
ECONOMIZERS			
CPECOMZR007A00	Dedicated Vertical Economizer - Internal with solid state controller, gear	24 - 36	
CPECOMZR008A00	driven, fully modulating damper, spring return actuator, up to 50%	42, 48	
	barometric relief, supply and dry bulb outdoor air sensors. Includes filter		
CPECOMZR009A00	rack with 1" filters*. Dedicated Horizontal Economizer - Internal with solid state controller,	60	
CPECOMZR010A00	fully modulating damper, spring return actuator, supply and dry bulb	24 - 36	
CPECOMZR011A00	outdoor air sensor, and low ambient compressor lockout switch included.	42, 48	
CPECOMZR012A00	Includes filter rack with 1-inch filters*.	60	
CPRLYKIT001A00	Economizer Relay for Heat Pumps	ALL	
AXB078ENT	Outdoor Enthalpy Control	ALL	
* Outdoor enthalpy available as fie	Id installed accessory; Filter rack and filter same as 'CPFILTRK' kit.		
MANUAL FRESH AIR DAMPE			
CPMANDPR007A00	Manual Outside Air Damper, includes filter rock and 1" filter, same	24 - 36	
CPMANDPR008A00	Manual Outside Air Damper - includes filter rack and 1" filter - same as CPFILTRK kit)	42, 48	
CPMANDPR009A00		60	
INTERNAL FILTER RACKS			
CPFILTRK007A00		24 - 36	
CPFILTRK008A00	Internal Filter Rack (includes 1-inch filters)	42, 48	
CPFILTRK009A00		60	
CRANKCASE HEATERFOR F	PGD3, PGS3, PAD3 - BELLY BAND TYPE		
NPCRKHTR008A00	240V Crankcase Heater	24 - 36	
NPCRKHTR004A00	240V Crankcase Heater	42 - 60	
	PDD3, PDS3, PHD3 - BELLY BAND TYPE		
NPCRKHTR008A00	240V Crankcase Heater (included in 30 size)	24, 36	
NPCRKHTR004A00	240V Crankcase Heater (included in 60 size)	42, 48	
LOW AMBIENT, ANTI-CYCLE	TIMER, COMPRESSOR START ASSIST		
CPLOWAMB001A00	Low Ambient Control - enables cooling system to operate down to 0 Deg. F by cycling condenser fan on and off.	ALL	
	Five minute anti-cycle time (note: many thermostates have inherent		
NRTIMEGD001A00	anti-cycle timer logic)	ALL	
NPHSTART001A00	PTC Compressor Start Assist Kit	ALL	
GAS CONVERSION KITS			
NPLPCONV013B00	Natural to LP Conversion Kit (0 - 2000')	ALL	
NPLPCONV014B00	Natural to LP Conversion Kit (2001' - 6000')	ALL	
NPNGCONV004B00	LP to Natural Gas Conversion Kit (0 - 2000')	ALL	

PGD3, PGS3, PAD3, PHD3, PDD3, PDS3

Single Phase Model Accessories

Accessory Model Number	Description	Use With	Notes
FLUE DISCHARGE DEFLECT			
CRFLUEDS001A00	Directs flue gas exhaust 90 degrees upward from current discharge. Designed to allow tighter distances between unit and combustible surfaces. 24 inch Height. AGA certified.	ALL	
HAIL GUARDS / COIL PROTE	ECTION FOR PGD3, PAD3 (factory installed on PGS3 & PAD3 "TP")		
NAPA00301GR	3/8" spacing dense wire grilles	24	
NAPA00501GR	3/8" spacing dense wire grilles	30	
NAPA00901GR	3/8" spacing dense wire grilles	36	
NAPA00601GR	3/8" spacing dense wire grilles	42	
NAPA00801GR	3/8" spacing dense wire grilles	48 - 60	
HAIL GUARDS / COIL PROTE	ECTION FOR PHD3, PDD3, (factory installed on PDS3 & PHD3 "TP")		
NAPA00501GR	3/8" spacing dense wire grilles	24 - 36	
NAPA00601GR	3/8" spacing dense wire grilles	42 - 48	
NAPA01001GR	3/8" spacing dense wire grilles	60	
DUCT TRANSITIONS			
NPDUCFLG002A00	Square to 14" Round (1 set of 2, use with horizontal duct flanges only)	24 - 48	
ELECTRIC HEATERS - PAD3			
MODEL	Nominal Capacity (kW)	Use With	Notes
EHNA05K4F	3.8/5.0	ALL	
EHNA05K0N	3.8/5.0	ALL	
EHNA07K0N	5.4/7.2	ALL	
EHNA07K4F	5.4/7.2	ALL	
EHNA10K0N	7.5/10.0	24 - 42	
EHNA10K4F	7.5/10.0	ALL	
EHNA15K4F	11.3/15.0	30 - 42	
EHNA15K6F	11.3/15.0	30 - 60	
EHNA20K4F	15.0/20.0	42	
EHNA20K6F	15.0/20.0	42 - 60	
ELECTRIC HEATERS - PHD3			
MODEL	Nominal Capacity (kW)	Use With	Notes
EHNA05K0N	3.8/5.0	24 - 36	
EHNA05K4F	3.8/5.0	ALL	
EHNA07K4F	5.4/7.2	ALL	
EHNA10K4F	7.5/10.0	ALL	
EHNA15K6F	11.3/15.0	30 - 60	
EHNA20K6F	15.0/20.0	42 - 60	
DUAL POINT WIRING KIT - P			
MODEL	Description	Use With	Notes
CPDUALPT001A00	Dual Point Wiring Kit for 5 - 20 kW Heaters	ALL	
ACCESSORIES - PAJ3	1		
MODEL	Description	Use With	Notes
CPLOWAMB001A00	Motormaster® II Low Ambient Control	ALL	
CPHSTART002A00	Compressor Start Kit	ALL	
CPCRKHTR007A00	240V Crankcase Heater	24 - 42	
NPCRKHTR004A00		48 - 60	
ACCESSORIES - PHJ3			
MODEL	Description	Use With	Notes
CPLOWAMB001A00	Motormaster® II Low Ambient Control	ALL	
CPHSTART002A00	Compressor Start Kit	ALL	
CPCRKHTR007A00	240V Crankcase Heater	24 - 36	
NPCRKHTR004A00		42 - 60	

ELECTRIC HEATERS - PAJ3			
MODEL	Nominal Capacity (kW)	Use With	Notes
CPHEATER125A00	3.8/5.0	ALL	
CPHEATER126A00	3.8/5.0	ALL	
CPHEATER127A00	5.6 / 7.5	ALL	
CPHEATER128A00	5.6 / 7.5	ALL	
CPHEATER129A00	7.5/10.0	24 - 48	
CPHEATER130A00	7.5/10.0	ALL	
CPHEATER131A00	11.3/15.0	36 - 60	
CPHEATER132A00	15.0/20.0	48 - 60	
ELECTRIC HEATERS - PHJ3			
MODEL	Nominal Capacity (kW)	Use With	Notes
CPHEATER125A00	3.8/5.0	24 - 42	
CPHEATER126A00	3.8/5.0	ALL	
CPHEATER127A00	5.6 / 7.5	24	
CPHEATER128A00	5.6 / 7.5	ALL	
CPHEATER130A00	7.5/10.0	ALL	
CPHEATER131A00	11.3/15.0	36 - 60	
CPHEATER132A00	15.0/20.0	48 - 60	

REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

PGS4, PGD4, PDS4, PDD4, PAD4, PHD4

Single Phase Model Accessories

Accessories

CPRFCURB011A00 R CPRFCURB012A00 R CPRFCURB013A00 R Note: CPRFCURB010A00 & CPF ADAPTER CURBS*	Description Roof Curb, 11" High Roof Curb, 14" High Roof Curb, 11" High Roof Curb, 14" High RFCURB011A00 can be used with PGD442-60, PGS442-60, PAD442-60 ur	PDS4, PDD4 24 - 30 24 - 30 36 - 60 36 - 60	PGD4, PGS4, PAD4 24 - 60 24 - 60	PHD4	Notes
CPRFCURB010A00 R CPRFCURB011A00 R CPRFCURB012A00 R CPRFCURB013A00 R Note: CPRFCURB010A00 & CPR ADAPTER CURBS*	Roof Curb, 14" High Roof Curb, 11" High Roof Curb, 14" High RFCURB011A00 can be used with PGD442-60, PGS442-60, PAD442-60 ur	24 - 30 36 - 60		24 - 30	
CPRFCURB011A00 R CPRFCURB012A00 R CPRFCURB013A00 R Note: CPRFCURB010A00 & CPR ADAPTER CURBS*	Roof Curb, 14" High Roof Curb, 11" High Roof Curb, 14" High RFCURB011A00 can be used with PGD442-60, PGS442-60, PAD442-60 ur	24 - 30 36 - 60		24 - 30	
CPRFCURB012A00 R CPRFCURB013A00 R Note: CPRFCURB010A00 & CPF ADAPTER CURBS*	Roof Curb, 11" High Roof Curb, 14" High RFCURB011A00 can be used with PGD442-60, PGS442-60, PAD442-60 ur	36 - 60	24 - 60	24 00	
CPRFCURB013A00 R Note: CPRFCURB010A00 & CPR ADAPTER CURBS*	Roof Curb, 14" High RFCURB011A00 can be used with PGD442-60, PGS442-60, PAD442-60 ur			24 - 30	
Note: CPRFCURB010A00 & CPF ADAPTER CURBS*	RFCURB011A00 can be used with PGD442-60, PGS442-60, PAD442-60 ur	36 - 60	42 - 60	36 - 60	
ADAPTER CURBS*			42 - 60	36 - 60	
Δ		nits with sor	ne overhang.		
			-	T T	
CPADCORB001A00 N	Adapter Curb for use with NPRFCURB006A00 & NPRFCURB007A00	24 - 30	24 - 36	24 - 30	
CPADCURBUUZAUU N	Adapter Curb for use with NPRFCURB008A00 & NPRFCURB009A00	36 - 60	42 - 60	36 - 60	
* Can also be used when replacing	ng other manufacturer's older generation units that contains a composite bas	se without a	metal base rail.		
CONCENTRIC ADAPTORS -					
NPCONADP001A00 C	For 18" round duct (use with curbs CPRFCURB010A00, CPRFCURB011A00)		Small Curb		
NPLONADPDDZADO	For 18" round duct (use with curbs CPRFCURB012A00, CPRFCURB013A00)		Large Curb		
ECONOMIZERS					
g	Dedicated Vertical Economizer - Internal with solid state controller, gear driven, fully modulating damper, spring return actuator, up to	24 - 30	24 - 36	24 - 30	
	50% barometric relief, supply and dry bulb outdoor air sensors.	36 - 42	42 - 48	36 - 42	
	ncludes filter rack with 1" filters*.	48 - 60	60	48 - 60	
	Dedicated Horizontal Economizer - Internal with solid state	24 - 30	24 - 36	24 - 30	
a	controller, fully modulating damper, spring return actuator, supply and dry bulb outdoor air sensor, and low ambient compressor	36 - 42	42 - 48	36 - 42	
CFECONIZRO 12A00	ockout switch included. Includes filter rack with 1-inch filters*.	48 - 60	60	48 - 60	
	Economizer Relay for Heat Pumps	ALL			
	Outdoor Enthalpy Control		ALL		
	eld installed accessory; Filter rack and filter same as 'CPFILTRK' kit.				
		24 - 30	24 26	24 20	
CPMANDPR007A00	Manual Outside Air Damper - includes filter rack and 1" filter (same	24 - 30 36 - 42	24 - 36 42 - 48	24 - 30 36 - 42	
CPMANDPR008A00 a	as CPFILTRK kit)	48 - 60	42 - 40 60	48 - 60	
INTERNAL FILTER RACKS		40 - 00	00	40 - 00	
CPFILTRK007A00		24 - 30	24 - 36	24 - 30	
	nternal Filter Rack (includes 1-inch filters)	36 - 42	42 - 48	36 - 42	
CPFILTRK009A00		48 - 60	60	48 - 60	
	E TIMER, COMPRESSOR START ASSIST	10 00	00	40 00	
	Low Ambient Control - enables cooling system to operate down to 0 Deg. F by cycling condenser fan on and off.*		ALL		
	Five Minute Compressor Delay		ALL		
	PTC Compressor Start Assist Kit	ALL			
	LLY BAND TYPE (Standard on some PDS4, PDD4, PHD4 mode	ls)			
	240V Crankcase Heater	36	24 - 30	36	
	240V Crankcase Heater (Included on 48 & 60 size models)	N/A	42	N/A	
GAS CONVERSION KITS		-			
	Natural to LP Conversion Kit (0 - 2000')		ALL		
	Natural to LP Conversion Kit (2001' - 6000')	ALL			
	_P to Natural Gas Conversion Kit (0 - 2000')		ALL		
FLUE DISCHARGE DEFLEC					
D CRFLUEDS001A00 d	Directs flue gas exhaust 90 degrees upward from current discharge. Designed to allow tighter distances between unit and combustible surfaces. 24 inch Height. AGA certified.		ALL		

*Relay 1184479 is required with this Low Ambient Control when used in heat pump application.

PGS4, PGD4, PDS4, PDD4, PAD4, PHD4

Single Phase Model Accessories

Accessories (cont.)

Accessory Model Number	Description	PDS4, PGD4, PGS4,			
		PDD4	PAD4	PHD4	Notes
DUCT TRANSITIONS					
NPDUCFLG002A00	Square to 14" Round (1 set of 2, use with horizontal duct flanges only)	24 - 48			
(Factory installed on PGS4	4 & PAD4 "TP" models)				
NAPA00501GR	3/8" spacing dense wire grilles	-	24	-	
NAPA00701GR	3/8" spacing dense wire grilles	-	30	-	
NAPA00901GR	3/8" spacing dense wire grilles	-	36	-	
NAPA00601GR	3/8" spacing dense wire grilles	-	42	-	
NAPA01001GR	3/8" spacing dense wire grilles	-	48	-	
NAPA01201GR	3/8" spacing dense wire grilles	-	60	-	
(Factory installed on PDS4		PDD4			
NAPA00701GR	3/8" spacing dense wire grilles	24 - 30	-	24 - 30	
NAPA00601GR	3/8" spacing dense wire grilles	36	-	36	
NAPA01001GR	3/8" spacing dense wire grilles	42 - 48	-	42 - 48	
NAPA01301GR	3/8" spacing dense wire grilles	60		60	
ELECTRIC HEATERS - PA	D4				
MODEL	Nominal Capacity (kW)				
EHNA05K0N	3.8/5.0	-	ALL		
EHNA05K4F	3.8/5.0	-	ALL		
EHNA07K0N	5.4/7.2	-	ALL		
EHNA07K4F	5.4/7.2	-	ALL		
EHNA10K0N	7.5/10.0	-	24 - 4	2	
EHNA10K4F	7.5/10.0	-	ALL		
EHNA15K4F	11.3/15.0	-	30 - 4	2	
EHNA15K6F	11.3/15.0	-	30 - 6	0	
EHNA20K4F	15.0/20.0	-	42		
EHNA20K6F	15.0/20.0	-	42 - 6	0	
ELECTRIC HEATERS - PH	D4				
MODEL	Nominal Capacity (kW)				
EHNA05K0N	3.8/5.0	-	24 - 3	6	
EHNA05K4F	3.8/5.0	-	ALL		
EHNA07K4F	5.4/7.2	-	ALL		
EHNA10K4F	7.5/10.0	-	ALL		
EHNA15K6F	11.3/15.0	-	30 - 6	0	
EHNA20K6F	15.0/20.0	-	42 - 6	0	
DUAL POINT WIRING KIT ·	- PAD4, PHD4				
MODEL	Description				
DPDUALPT001A00	Dual Point Wiring Kit for 5 - 20 kW Heaters	-	ALL		

REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

PGR5, PAR5, PHR5, PGD5, PGS5, PAD5, PHD5

Single Phase Model Accessories

Accessories

1

		Use With		
Accessory Model Number	Description	PGR5, PAR5 PHR5	PGD5, PGS5 PAD5, PHD5	Notes
CURBS	Description	11110	17100,11100	Notes
CPRFCURB010A00	Roof Curb, 11" High	24 - 60	24 - 60	
CPRFCURB011A00	Roof Curb, 14" High	24 - 60	24 - 60	
CPRFCURB012A00	Roof Curb, 11" High	36 - 60	36 - 60	
CPRFCURB013A00	Roof Curb, 14" High	36 - 60	36 - 60	
	CPRFCURB011A00 can be used with 36-60 units with some overhang.	00 00	00 00	
ADAPTER CURBS*	a of the ootbot indo can be used with oo-oo dinks with some overhang.			
CPADCURB001A00	Adapter Curb for use with NPRFCURB006A00 & NPRFCURB007A00	24 - 30	24	
CPADCURB002A00	Adapter Curb for use with NPRFCURB008A00 & NPRFCURB009A00	36 - 60	36 - 60	
Can also be used when re	placing other manufacturer's older generation units that contains a composit	e base without a	metal base rail.	
CONCENTRIC ADAPTE	RS - (Use with curb only)			
NPCONADP001A00	For 18" round duct (use with curbs CPRFCURB010A00, CPRFCURB011A00)	Small Curb	Small Curb	
NPCONADP002A00	For 18" round duct (use with curbs CPRFCURB012A00, CPRFCURB013A00)	Large Curb	Large Curb	
DAMPERS				
CPMANDPR007A00	Manual Outside Air Damper - includes filter rack and 1" filter -	24 - 30	24	
CPMANDPR008A00	same as CPFILTRK kit)	36 - 42	36	
CPMANDPR009A00		48 - 60	48,60	
NTERNAL FILTER RAC	KS			
CPFILTRK007A00		24 - 30	24	
CPFILTRK008A00	Internal Filter Rack (includes 1-inch filters)	36 - 42	36	
CPFILTRK009A00		48 - 60	48 - 60	
CRANKCASE HEATER	(Factory installed on some models)			
CPCRKHTR008A00	Crankcase Heater	24 - 36	24	
CPCRKHTR004A00	Crankcase Heater	42 - 48	24	
OW AMBIENT, ANTI-C	YCLE TIMER, COMPRESSOR START ASSIST			
CPLOWAMB001A00	Low Ambient Control - enables cooling system to operate down to 0 Deg. F by cycling condenser fan on and off.	ALL	ALL	
NRTIMEGD001A00	Five Minute Compressor Delay	ALL	ALL	
NPHSTART001A00	PTC Compressor Start Assist Kit	ALL	ALL	
GAS CONVERSION KIT	S			
NPLPCONV013B00	Natural to LP Conversion Kit (0 - 2000')	ALL	ALL	
NPLPCONV014B00	Natural to LP Conversion Kit (2001' - 6000')	ALL	ALL	
NPNGCONV004B00	LP to Natural Gas Conversion Kit (0 - 2000')	ALL	ALL	
FLUE DISCHARGE DEF				
CRFLUEDS001A00	Directs flue gas exhaust 90 degrees upward from current discharge. Designed to allow tighter distances between unit and combustible surfaces. 24 inch Height. AGA certified.	ALL	ALL	
DUCT TRANSITIONS				
NPDUCFLG002A00	Square to 14" Round (1 set of 2, use with horizontal duct flanges only)	24 - 48	24 - 48	
HAIL GUARDS / COIL PROTECTION (Factory installed on PGS5 models & PHR5 "TP", PAD5 "TP", PHD5 "TP")		PGD5, PGS5, PAD5, PHD5 Use With		Notes
NAPA00701GR	3/8" spacing dense wire grilles	24		
NAPA01001GR	3/8" spacing dense wire grilles			
		36 48		
NAPA01101GR	3/8" spacing dense wire grilles		.8 1	

continued on next page

PAR5, PGR5, PHR5, PGD5, PGS5, PAD5, PHD5

Single Phase Model Accessories

Accessories

Accessory Model Number	Description	Use With		Notes
ELECTRIC HEATERS				
MODEL	Nominal Capacity (kW) - Fused/Stages	PAR5	PAD5	
EHNA05K0N	3.8/5.0 - No/1	ALL	ALL	
EHNA05K4F	3.8/5.0 - Yes/1	ALL	ALL	
EHNA07K0N	5.4/7.2 - No/2	ALL	ALL	
EHNA07K4F	5.4/7.2 - Yes/2	ALL	ALL	
EHNA10K0N	7.5/10.0 - No/2	24 - 42	24 - 36	
EHNA10K4F	7.5/10.0 - Yes/2	ALL	ALL	
EHNA15K4F	11.3/15.0 - Yes/2	30 - 42	36	
EHNA15K6F	11.3/15.0 - Yes/2	30 - 60	36 - 60	
EHNA20K4F	15.0/20.0 - Yes/2	42	N/A	
EHNA20K6F	15.0/20.0 - Yes/2	42 - 60	48 - 60	
ELECTRIC HEATERS				
MODEL	Nominal Capacity (kW) - Fused/Stages	PHD5	PHR5	Notes
EHNA05K0N	3.8/5.0 - No/1	24 - 36	24 - 36	
EHNA05K4F	3.8/5.0 - Yes/1	ALL	ALL	
EHNA07K0N	5.4/7.2 - No/2	ALL	24	
EHNA07K4F	5.4/7.2 - Yes/2	ALL	ALL	
EHNA10K4F	7.5/10.0 - Yes/2	ALL	ALL	
EHNA15K6F	11.3/15.0 - Yes/2	36 - 60	30 - 60	
EHNA20K6F	15.0/20.0 - Yes/2	48 - 60	42 - 60	
DUAL POINT WIRING KI	T - PAR5, PHR5, PAD5, PHD5			•
DPDUALPT001A00	Dual Point Wiring Kit for 5 - 20 kW Heaters	A	LL	
ECONOMIZER		PGR5, PAR5		
MODEL	Nominal Capacity (kW)	Use With		Notes
ECD-EDSML-JC2-ADB*		24 - 30 36 - 42		
ECD-EDLGS-JC2-ADB*	Two-stage compatible vertical economizer with Jade Honeywell			
ECD-EDLGS-JCZ-ADB"	W7220 controller, Honeywell actuator, and dry bulb sensor.			
ECD-EDLGB-JC2-ADB*	(Contact MicroMetl Customer Service at 1-800-662-4822 to order)	48 - 60		
ECH-EDSML-JC2-ADB*		24	- 30	
ECH-EDLGS-JC2-ADB*	Two-stage compatible horizontal economizer with Jade Honeywell W7220 controller, Honeywell actuator, and dry bulb sensor.	36 - 42		
ECH-EDLGB-JC2-ADB*	(Contact MicroMetl Customer Service at 1-800-662-4822 to order)	48 - 60		
	stomer Service at 1-800-662-4822 to order	10	00	
THERMOSTATS				
MODEL	Description	معلا	With	Notes
MODEL	Universal Programmable Thermostat, Dual Fuel compatible, 2-	036	Use With	
TSTAT0406	stage cool, 2-stage gas heat, 2-stage HP heat, 2-stage electric heat	ALL	ALL	
TSTAT0408	Universal Programmable Thermostat with Humidity Sensing and Control, Dual Fuel compatible, 2-stage cool, 2-stage gas heat, 2-stage HP heat, 2-stage electric heat	ALL	ALL	
TSTAT0101SC	Observer Communicating Touchscreen Thermostat with Humidity Sensing and Control, Dual Fuel compatible, 2-stage cool, 2-stage gas heat, 2-stage HP heat, 2-stage electric heat	ALL‡	ALL	

+ Daughter Board required for use with TSTAT0101SC and non-communicating unit.

REFER TO PRODUCT SPECIFICATIONS FOR EXACT ACCESSORY MATCH.

NOTES