HEATING & COOLING PRODUCTS

NXH5

Performance Series

Product Specifications

HIGH EFFICIENCY 15 SEER HEAT PUMP
ENVIRONMENTALLY BALANCED R–410A REFRIGERANT

1½ 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
- 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 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) grille 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.

ENERGY STAR PARTNER

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 manufacturer’s refrigerant charging and air flow instructions. Failure to confirm proper charge and airflow may reduce energy efficiency and shorten equipment life.

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AHRI CERTIFIED™ www.ahridirectory.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 www.ahridirectory.org .

Model Number	Size (tons)	Nominal Btu/hr	Min. Circuit Ampacity	Max. Fuse or Breaker	Operating Dimensions height x width x depth inches (mm)	Ship / Operating Weight lbs. (kg)
NXH518GKP	1–1/2	18,000	11.8	20	28–11/16 x 31–3/16 x 31–3/16 (729 x 793 x 793)	207 / 169 (94 / 77)
NXH524GKP	2	24,000	16.5	25	32–1/16 x 35 x 35 (815 x 889 x 889)	233 / 200 (106 / 91)
NXH530GKP	2–1/2	30,000	18.1	30	32–1/16 x 35 x 35 (815 x 889 x 889)	242 / 196 (110 / 89)
NXH537GKP	3	36,000	21.6	35	32–1/16 x 35 x 35 (815 x 889 x 889)	253 / 215 (115 / 98)
NXH542GKP	3–1/2	42,000	27.6	40	28–11/16 x 35 x 35 (729 x 889 x 889)	290 / 245 (132 / 111)
NXH548GKP	4	48,000	31.8	45	32–1/16 x 35 x 35 (815 x 889 x 889)	276 / 238 (125 / 108)
NXH560GKP	5	60,000	34.2	50	38–7/8 x 35 x 35 (988 x 889 x 889)	345 / 294 (157 / 133)
NXH561GKP	5	60,000	33.9	50	45–11/16 x 35 x 35 (1161 x 889 x 889)	334 / 288 (152 / 131)

Specifications subject to change without notice.

OUTDOOR UNIT MODEL NUMBER IDENTIFICATION GUIDE (single phase)

Digit Position:	1	2	3	4	5, 6	7	8	9	10	11	12
Example Part Number:	**N**	**X**	**H**	**5**	**18**	**G**	**K**	**P**	**1**	**0**	**0**

- H = Heil Mainline
- N = Heil Entry — **BRANDING**
- X = R–410A — **REFRIGERANT**
- A = Air Conditioner
- H = Heat Pump — **TYPE**
- 4 = 14 SEER
- 5 = 15 SEER — **NOMINAL EFFICIENCY**
- 18 = 18,000 BTUH = 1–1/2 tons
- 24 = 24,000 BTUH = 2 tons
- 30 = 30,000 BTUH = 2–1/2 tons
- 37 = 36,000 BTUH = 3 tons
- 42 = 42,000 BTUH = 3–1/2 tons
- 48 = 48,000 BTUH = 4 tons
- 60/61 = 60,000 BTUH = 5 tons — **NOMINAL CAPACITY**
- A = Standard Grille
- G = Coil Guard Grille
- C = Coastal — **FEATURES**
- K = 208/230–1–60 — **VOLTAGE**
- Sales Code (P = no HPS)
- Engineering Revision
- Extra Digit
- Extra Digit

ACCESSORIES PART NUMBER IDENTIFICATION GUIDE

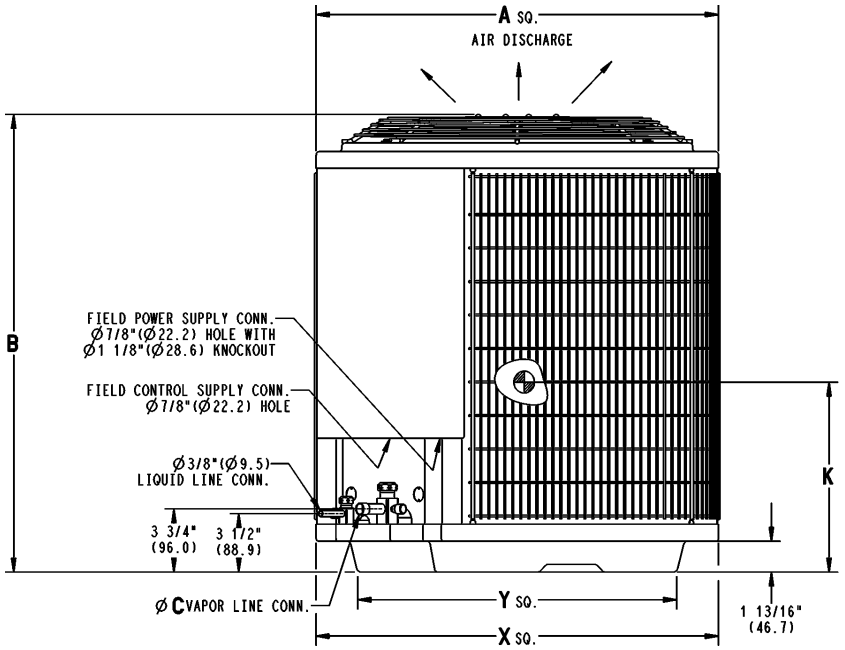
Digit Position:	1	2	3	4	5	6, 7	8, 9	10, 11
Example Part Number:	**N**	**A**	**S**	**A**	**0**	**0 1**	**01**	**C H**

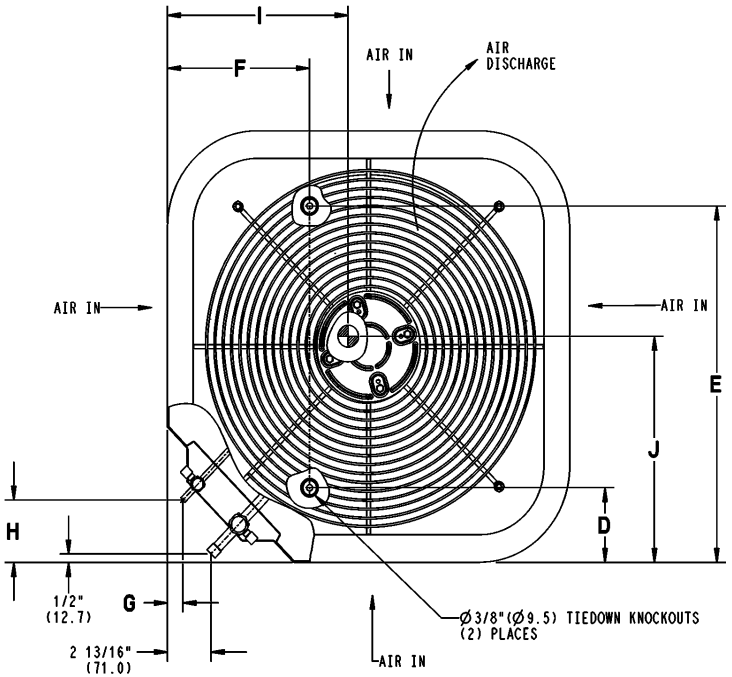
- N = Non–Branded — **BRANDING**
- A = Accessory — **PRODUCT GROUP**
- S = Split System (AC & HP) — **KIT USAGE**
- A = Original
- B = 2nd Generation — **MAJOR SERIES**
- 0 = Generic or Not Applicable
- 2 = R–22
- 4 = R–410A — **REFRIGERANT**
- Product Identifier Number
- Package Quantity
- Type of Kit(Example: CH = Crankcase Heater)

UNIT	SERIES	ELECTRICAL CHARACTERISTICS				A		B		C		D		E		F		G		H		I		J		K		OPERATING WEIGHT		SHIPPING WEIGHT		SHIPPING LENGTH / WIDTH (Sq.)		SHIPPING HEIGHT	
						INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	Lbs	Kgs	Lbs	Kgs	INCH	MM	INCH	MM
NXH518GKP200	2	Y	N	N	N	31 3/16	792.5	28 11/16	728.7	5/8	15.9	6 9/16	166.1	24 11/16	626.3	9 1/8	231.3	1 1/8	28.2	3 13/16	97.4	16	406.4	15	381.0	14	355.6	169	76.7	207	93.9	33 5/16	846.6	33 3/16	843.1
NXH524GKP200	2	Y	N	N	N	35	889.0	32 1/16	815.1	5/8	15.9	6 9/16	166.1	28 7/16	722.8	9 1/8	231.3	1 1/8	28.2	3 13/16	97.4	15 3/4	400.1	16 3/4	425.5	16 1/2	419.1	200	90.7	233	105.7	37 1/8	943.1	36 5/8	929.5
NXH530GKP200	2	Y	N	N	N	35	889.0	32 1/16	815.1	3/4	19.1	6 9/16	166.1	28 7/16	722.8	9 1/8	231.3	1 1/8	28.2	3 13/16	97.4	16 1/4	412.8	16	406.4	15 1/2	393.7	196	88.9	242	109.8	37 1/8	943.1	36 5/8	929.5
NXH542GKP200	2	Y	N	N	N	35	889.0	28 11/16	728.7	7/8	22.2	6 9/16	166.1	28 7/16	722.8	9 1/8	231.3	1 1/8	28.2	3 13/16	97.4	17	431.8	16 3/4	425.5	14 3/4	374.7	245	111.1	290	131.5	37 1/8	943.1	33 3/16	843.1
NXH548GKP200	2	Y	N	N	N	35	889.0	28 11/16	728.7	7/8	22.2	6 9/16	166.1	28 7/16	722.8	9 1/8	231.3	1 1/8	28.2	3 13/16	97.4	16 3/4	425.5	16 1/4	412.8	14	355.6	260	117.9	303	137.4	37 1/8	943.1	33 3/16	843.1
NXH560GKP200	2	Y	N	N	N	35	889.0	38 7/8	987.8	7/8	22.2	6 9/16	166.1	28 7/16	722.8	9 1/8	231.3	1 1/8	28.2	3 13/16	97.4	17 1/4	438.2	16 1/4	412.8	18 1/4	463.6	294	133.4	345	156.5	37 1/8	943.1	43 3/8	1102.2
NXH537GKP101	1	Y	N	N	N	35	889.0	32 1/16	815.1	3/4	19.1	6 9/16	166.1	28 7/16	722.8	9 1/8	231.3	1 1/8	28.2	3 13/16	97.4	17 3/8	441.3	17 1/2	444.5	13 3/4	349.3	215	97.5	253	114.8	37 1/8	943.1	36 5/8	929.5
NXH548GKP201	2	Y	N	N	N	35	889.0	32 1/16	815.1	7/8	22.2	6 9/16	166.1	28 7/16	722.8	9 1/8	231.3	1 1/8	28.2	3 13/16	97.4	16 1/8	409.6	18	457.2	14 7/8	377.8	238	108.0	276	125.2	37 1/8	943.1	36 5/8	929.5
NXH561GKP101	1	Y	N	N	N	35	889.0	45 11/16	1160.5	7/8	22.2	6 9/16	166.1	28 7/16	722.8	9 1/8	231.3	1 1/8	28.2	3 13/16	97.4	17 7/8	454.0	16 1/4	412.8	19	482.6	288	130.6	334	151.5	37 1/8	943.1	50 3/16	1274.9
		208-230-1-60	208/230-3-60	460-3-60	575-3-60	Y=YES N=NO																													

NOTES:

1. CENTER OF GRAVITY .





UNIT SIZE	"X" MINIMUM GROUND MOUNTING PAD APPLICATION DIMENSIONS		"Y" MINIMUM ROOF-TOP MOUNTING PAD APPLICATION DIMENSIONS	
–	23 1/8	587.3	17 7/8	454.6
–	25 3/4	654.0	20 7/16	518.5
18	31 3/16	792.5	22 15/16	583.2
24,30,37,42,48,60,61	35	889.0	26 3/4	679.7

NOTE: ALL DIMENSIONS IN INCH (MM)

U.S. ECCN: Not Subject to Regulation (N.S.R.)

SD4887-4 REV. J

PHYSICAL DATA								
Model Size	**18**	**24**	**30**	**37**	**42**	**48**	**60**	**61**
Nominal Cooling Capacity (BTU/hr)	18,000	24,000	30,000	36,000	42,000	48,000	60,000	60,000
Nominal SEER	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
Sound Rating (dBA)**	73	69	71	72	74	74	74	74
PSC Fan Motor HP	1/12	1/12	1/12	1/12	1/5	1/4	1/4	1/3
Fan RPM (single speed)	800	800	800	800	800	800	800	800
Fan CFM	2233	3223	3223	3223	3810	4046	4046	4400
Coil Face Area ft^2 (m^2)	15.09 (1.40)	20.12 (1.87)	20.12 (1.87)	20.10 (1.87)	17.60 (1.64)	20.10 (1.87)	25.15 (2.34)	35.47 (3.30)
Coil Rows–fins per inch	1 – 20	1 – 20	1 – 20	2 – 20	2 – 20	2 – 20	2 – 20	2 – 20
Low Pressure Switch Open Pressure (psig) Close Pressure (psig)	 23 | 5 55 | 5	 23 | 5 55 | 5	 23 | 5 55 | 5	 23 | 5 55 | 5	 23 | 5 55 | 5	 23 | 5 55 | 5	 23 | 5 55 | 5	 23 | 5 55 | 5
High Pressure Switch Open Pressure (psig) Close Pressure (psig)	 670 | 10 470 | 25	 670 | 10 470 | 25	 670 | 10 470 | 25	 670 | 10 470 | 25	 670 | 10 470 | 25	 670 | 10 470 | 25	 670 | 10 470 | 25	 670 | 10 470 | 25
Liquid Line Connection Size in. (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Vapor Line Connection Size in. (mm)	5/8 (16)	5/8 (16)	3/4 (19)	3/4 (19)	7/8 (22)	7/8 (22)	7/8 (22)	7/8 (22)
Recommended Line Set Liquid Tube Diameter in. (mm)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)	3/8 (10)
Recommended Line Set Vapor Tube Diameter in. (mm)	5/8 (16) *	5/8 (16) *	3/4 (19) *	3/4 (19) *	7/8 (22) *	7/8 (22) *	1–1/8 (29)*	1–1/8 (29)*
* Recommended Vapor Tube Line size is for standard installations. These recommendations may not apply to “Long Line” installations. When the total equivalent line length exceeds 80 feet (24.4m) or there is more than 20 feet (6.1m) vertical separation between indoor and outdoor units, consult the Long Line Application Guideline document before purchasing/installing line sets.								
Factory Charge R–410A lbs. (kg)	5.60 (2.54)	7.60 (3.45)	7.00 (3.18)	11.20 (5.08)	8.90 (4.04)	9.87 (4.48)	12.50 (5.67)	13.0 (5.90)
Required Subcooling °F (°C)	12 (7)	13 (7)	10 (6)	10 (6)	12 (7)	9 (5)	13 (7)	7 (4)

ELECTRICAL DATA (208/230–1–60, voltage range 197V – 253V)								
Model Size	**18**	**24**	**30**	**37**	**42**	**48**	**60**	**61**
Minimum Circuit Ampacity – **MCA** (amps)	11.8	16.5	18.1	21.6	27.6	31.8	34.2	33.9
Maximum OverCurrent Protective device – **MOCP** (amps)	20	25	30	35	40	45	50	50
Compressor **RLA** (Rated Load Amps) **LRA** (Locked Rotor Amps)	9.0 48	12.8 58	14.1 73	16.8 75	21.1 109	24.4 130	26.4 134	24.9 152.5
Fan Motor **FLA** (Full Load Amps)	0.5	0.5	0.5	0.6	1.2	1.3	1.2	2.8

**Sound Rating tested in accordance with ARI Standard 270–95 (not listed with ARI).

R–410A COOLING CAPACITY LOSS FOR VARIOUS LINE LENGTHS & TUBE DIAMETERS

Model Size	Liquid Line in.(mm)	Acceptable Vapor Line Sizes in. (mm)	Cooling Capacity Loss (%) at Total Equivalent Line Length, feet (m) Refer to Long Line Application Guideline to calculate equivalent length										
			Standard Application			Long Line Application (Requires Accessories)							
			25' (7.6)	50' (15.2)	80' (24.4)	81' (24.7)	100' (30.5)	125' (38.1)	150' (45.7)	175' (53.3)	200' (61)	225' (68.6)	250' (76.2)
18	3/8 (10)	1/2 (13)	1	2	3	3	4	6	7	8	9	10	12
		5/8 (16)	0	0	1	1	1	1	2	2	3	3	3
24		5/8 (16)	0	1	1	1	2	3	3	4	4	5	6
		3/4 (19)	0	0	0	0	0	1	1	1	1	1	2
30		5/8 (16)	1	2	3	3	3	4	5	6	7	8	9
		3/4 (19)	0	0	1	1	1	1	2	2	2	3	3
		7/8 (22)	0	0	0	0	0	1	1	1	1	1	1
37		5/8 (16)	1	2	4	4	5	6	7	9	10	11	13
		3/4 (19)	0	0	1	1	1	2	2	3	3	4	4
		7/8 (22)	0	0	0	0	0	1	1	1	1	2	2
42		3/4 (19)	0	1	2	2	2	3	4	4	5	6	6
		7/8 (22)	0	0	1	1	1	1	2	2	2	3	3
48		3/4 (19)	0	1	2	2	3	4	5	5	6	7	8
		7/8 (22)	0	0	1	1	1	2	2	2	3	3	4
60/61		3/4 (19)	1	2	4	4	5	6	7	9	10	11	12
		7/8 (22)	0	1	2	2	2	3	4	4	5	5	6
		1–1/8 (29)	0	0	0	0	1	1	1	1	1	1	2

* Applications are considered “Long Line” if the total equivalent tubing length exceeds 80 feet (24.4m) or there is more than 20 foot (6.1m) vertical separation between indoor and outdoor units. These applications require additional accessories and system modifications for reliable system operation.

Applications in shaded area may have height restrictions that limit allowable total equivalent length when outdoor unit is below indoor unit.

TESTED AHRI COMBINATION RATINGS

NOTE: For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org.
New ratings may be listed online before Specification Sheets are updated.

COOLING & HEATING PERFORMANCE FOR COMBINATION RATINGS

For complete ratings information, use the AHRI website directory search: www.AHRIdirectory.org. New ratings may be listed online before Specification Sheets are updated.

Outdoor Model	Indoor Model *Tested Combo	Factory Installed	Cooling 95°F (35°C)			Heat 47°F (8.3°C)		
			Capacity BTU/hr	SEER Standard	EER	BTU/hr	COP	HSPF
NXH518GKP	FXM4X18**AL	TXV	17800	15	12.5	17800	3.92	8.5
NXH524GKP	FXM4X24**AL	TXV	24000	15	12.5	24000	3.96	8.5
NXH530GKP	FXM4X30**AL	TXV	28400	15	12.5	28200	3.98	8.5
NXH537GKP	FXM4X48**AL	TXV	35000	16	13.0	35000	4.16	8.5
NXH542GKP	FXM4X42**AL	TXV	41500	15	12.5	42000	3.82	8.5
NXH548GKP	FXM4X60**AL	TXV	48000	16	13.0	46500	3.84	9.0
NXH560GKP	FXM4X60**AL	TVX	57000	15	12.5	56000	3.86	8.5
NXH561GKP	FXM4X60**AL	TVX	55000	16	13.0	55000	3.82	8.5

2015 ENERGY STAR compliance for combinations with all three: SEER 15.00 or higher and EER 12.50 or higher and HSPF 8.5 or higher.

AHRI — Air Conditioning, Heating & Refrigeration Institute
EER — Energy Efficiency Ratio – 80°F (26.6°C) indoor db/67°F (19.4°C) indoor wb & 95°F (35°C) outdoor db.
SEER — Seasonal Energy Efficiency Ratio
TDR — Time–Delay Relay. In most cases, only one method should be used to achieve TDR function. Using more than one method in a system may cause degradation in performance. Use either the accessory Time–Delay Relay or a furnace equipped with TDR. Most ICP furnaces are equipped with TDR.

NOTES:
1. Ratings are net values reflecting the effects of circulating fan motor heat. Supplemental electric heat is not included.
2. Tested outdoor/indoor combinations have been tested in accordance with DOE test procedures for central air conditioners. Ratings for other combinations are determined under DOE computer simulation procedures.
3. Determine actual CFM values obtainable for your system by referring to fan performance data in fan coil or furnace coil literature.
4. Do not apply with capillary tube coils as performance and reliability are significantly affected.

TESTED AHRI COMBINATION RATINGS*

NOTE: Ratings contained in this document are subject to change at any time.

For AHRI ratings certificates, please refer to the AHRI directory. **www.ahridirectory.org**

Additional ratings and system combinations can be accessed via the Heil database:
http://www.icpeqp.com/AHRIratings/ratings.aspx?Brand=Heil

Or scan this QR code:

SIZE 18 EXPANDED DATA

		018 Size Outdoor With FXM4X18**AL Indoor Cooling																								
		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
525	MBh†	21.38	19.37	17.92	17.54	16.80	20.34	18.43	17.05	16.69	16.15	19.25	17.43	16.12	15.79	15.45	18.10	16.38	15.14	14.85	14.70	16.88	15.26	14.10	13.91	13.89
	S/T‡	0.52	0.70	0.73	0.91	1.00	0.53	0.71	0.74	0.93	1.00	0.53	0.73	0.76	0.95	1.00	0.54	0.75	0.78	0.98	1.00	0.56	0.77	0.80	1.00	1.00
	AMPS*	4.77	4.78	4.79	4.80	4.80	5.45	5.44	5.44	5.44	5.44	6.17	6.15	6.13	6.13	6.13	6.95	6.92	6.90	6.89	6.89	7.83	7.78	7.76	7.76	7.76
	HI PR	268	266	264	264	263	311	308	306	306	305	357	354	352	351	350	407	404	401	401	400	462	459	456	455	455
	LO PR	157	143	133	131	126	159	146	135	133	129	162	148	138	136	133	164	150	140	138	137	167	153	143	141	141
600	MBh†	21.87	19.84	18.37	18.01	17.61	20.79	18.85	17.45	17.13	16.90	19.64	17.80	16.48	16.21	16.15	18.44	16.70	15.45	15.36	15.34	17.17	15.54	14.37	14.49	14.47
	S/T‡	0.53	0.73	0.75	0.95	1.00	0.54	0.74	0.77	0.97	1.00	0.55	0.76	0.79	0.99	1.00	0.56	0.79	0.81	1.00	1.00	0.58	0.82	0.84	1.00	1.00
	AMPS*	4.81	4.82	4.83	4.83	4.84	5.50	5.49	5.48	5.48	5.48	6.22	6.19	6.18	6.17	6.17	7.00	6.96	6.94	6.94	6.94	7.88	7.83	7.81	7.81	7.81
	HI PR	269	267	265	265	264	312	309	307	306	306	358	355	352	352	352	408	405	402	402	402	463	459	457	457	457
	LO PR	160	147	137	135	132	163	149	139	137	135	165	151	141	139	139	168	154	143	143	143	170	156	145	147	147
675	MBh†	22.26	20.21	18.73	18.42	18.29	21.13	19.17	17.76	17.56	17.54	19.94	18.08	16.76	16.76	16.74	18.70	16.95	15.70	15.90	15.88	17.39	15.75	14.58	14.98	14.96
	S/T‡	0.55	0.76	0.78	0.99	1.00	0.56	0.78	0.80	1.00	1.00	0.57	0.80	0.83	1.00	1.00	0.59	0.83	0.85	1.00	1.00	0.60	0.86	0.88	1.00	1.00
	AMPS*	4.85	4.86	4.87	4.87	4.87	5.54	5.53	5.53	5.52	5.52	6.27	6.24	6.22	6.22	6.22	7.06	7.01	6.99	6.99	6.99	7.93	7.88	7.85	7.86	7.86
	HI PR	270	267	266	265	265	312	309	307	307	307	358	355	353	353	353	409	405	403	403	403	464	460	457	458	458
	LO PR	163	150	139	138	137	166	152	141	140	140	168	154	143	144	144	170	156	145	148	147	172	158	148	152	152

675		-3			7			17			27			37			47			57			67		
		018 Size Outdoor With FXM4X18**AL Indoor Heating																							
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
525	MBh†	5.13	4.84	4.50	7.34	7.04	6.70	9.76	9.43	9.09	12.54	12.28	11.98	15.15	14.86	14.56	18.08	17.74	17.39	21.28	20.89	20.50	24.15	23.84	23.52
	T/R	9.50	8.90	8.30	13.60	13.00	12.30	18.00	17.40	16.70	23.20	22.60	22.00	28.00	27.40	26.80	33.40	32.70	32.00	39.30	38.50	37.70	44.60	44.00	43.30
	AMPS*	4.44	4.64	4.84	4.67	4.88	5.10	4.89	5.12	5.35	5.15	5.41	5.67	5.41	5.68	5.96	5.74	6.02	6.30	6.12	6.43	6.74	6.42	6.75	7.08
	HI PR	217	232	248	232	247	264	248	265	281	269	286	304	290	308	327	315	334	353	343	363	383	365	386	407
	LO PR	39	40	40	50	51	51	63	63	64	77	77	78	94	94	94	112	112	113	132	133	133	149	151	152
600	MBh†	5.22	4.92	4.59	7.46	7.15	6.82	9.91	9.58	9.24	12.68	12.44	12.15	15.35	15.05	14.75	18.35	18.00	17.65	21.43	21.15	20.82	24.11	23.87	23.58
	T/R	8.40	7.90	7.40	12.10	11.50	11.00	16.00	15.50	14.90	20.50	20.10	19.60	24.80	24.30	23.80	29.70	29.10	28.40	34.70	34.10	33.50	39.00	38.50	38.00
	AMPS*	4.44	4.64	4.85	4.65	4.86	5.08	4.85	5.08	5.31	5.07	5.33	5.59	5.30	5.57	5.85	5.60	5.88	6.16	5.88	6.19	6.52	6.16	6.48	6.81
	HI PR	214	229	245	227	243	259	242	259	276	260	278	296	280	298	316	303	321	340	324	345	366	346	366	387
	LO PR	39	40	40	50	51	51	63	63	64	77	77	78	93	94	94	112	112	113	130	132	133	146	148	150
675	MBh†	5.30	4.99	4.66	7.55	7.25	6.92	10.04	9.71	9.36	12.80	12.56	12.29	15.51	15.21	14.91	18.56	18.21	17.86	21.37	21.20	20.95	23.93	23.75	23.53
	T/R	7.60	7.20	6.70	10.90	10.40	9.90	14.40	13.90	13.40	18.40	18.00	17.60	22.30	21.80	21.30	26.70	26.10	25.60	30.70	30.40	30.00	34.40	34.10	33.70
	AMPS*	4.46	4.65	4.86	4.64	4.86	5.08	4.82	5.05	5.29	5.02	5.27	5.54	5.23	5.49	5.77	5.50	5.78	6.06	5.71	6.02	6.34	5.97	6.29	6.61
	HI PR	212	227	243	224	240	256	237	254	271	254	271	289	272	290	308	293	311	330	311	331	352	330	351	372
	LO PR	39	40	40	50	51	51	63	63	63	77	77	78	93	94	94	111	112	112	128	130	131	143	145	147

See table Notes at end of section

SIZE 24 EXPANDED DATA

		024 Size Outdoor With FXM4X24**AL Indoor Cooling																								
		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
700	MBh†	28.25	25.63	23.76	23.28	22.30	27.04	24.52	22.71	22.25	21.50	25.76	23.33	21.59	21.17	20.65	24.38	22.05	20.38	20.00	19.72	22.88	20.66	19.07	18.77	18.70
	S/T‡	0.52	0.70	0.73	0.91	1.00	0.53	0.71	0.74	0.93	1.00	0.53	0.73	0.75	0.95	1.00	0.54	0.74	0.77	0.97	1.00	0.55	0.77	0.79	1.00	1.00
	AMPS*	6.54	6.42	6.37	6.36	6.35	7.39	7.26	7.20	7.20	7.18	8.31	8.18	8.12	8.11	8.11	9.33	9.20	9.15	9.14	9.14	10.48	10.36	10.31	10.31	10.31
	HI PR	266	264	262	262	261	308	306	304	303	302	354	351	349	349	348	405	401	399	398	398	461	457	454	453	453
	LO PR	153	140	130	128	123	155	142	132	130	126	157	144	134	132	129	160	146	136	134	133	162	149	139	137	137
800	MBh†	28.87	26.21	24.31	23.85	23.30	27.60	25.04	23.21	22.80	22.45	26.26	23.80	22.04	21.69	21.53	24.83	22.47	20.78	20.58	20.55	23.27	21.02	19.42	19.49	19.46
	S/T‡	0.53	0.73	0.75	0.95	1.00	0.54	0.74	0.77	0.97	1.00	0.55	0.76	0.79	0.99	1.00	0.56	0.78	0.81	1.00	1.00	0.57	0.81	0.83	1.00	1.00
	AMPS*	6.66	6.52	6.45	6.44	6.44	7.51	7.36	7.29	7.28	7.28	8.42	8.28	8.21	8.20	8.20	9.44	9.30	9.24	9.23	9.23	10.59	10.46	10.40	10.40	10.40
	HI PR	267	264	263	262	262	309	306	304	304	304	355	352	350	349	349	406	402	400	399	399	461	457	454	455	454
	LO PR	156	143	133	131	128	158	145	135	133	131	160	147	137	135	134	163	149	139	138	138	165	152	141	142	142
900	MBh†	29.34	26.65	24.73	24.35	24.14	28.03	25.44	23.59	23.29	23.24	26.65	24.16	22.39	22.31	22.28	25.17	22.79	21.09	21.27	21.24	23.56	21.30	19.69	20.12	20.10
	S/T‡	0.55	0.76	0.78	0.99	1.00	0.56	0.77	0.80	1.00	1.00	0.57	0.79	0.82	1.00	1.00	0.58	0.82	0.84	1.00	1.00	0.59	0.85	0.87	1.00	1.00
	AMPS*	6.78	6.62	6.54	6.53	6.53	7.62	7.46	7.38	7.38	7.37	8.54	8.38	8.30	8.30	8.30	9.55	9.40	9.32	9.33	9.33	10.69	10.55	10.48	10.50	10.50
	HI PR	267	265	263	263	263	310	307	305	305	304	356	353	350	350	350	407	403	400	401	400	462	458	455	456	456
	LO PR	159	146	136	134	133	161	148	137	136	136	163	149	139	139	139	165	152	141	143	143	168	154	144	147	147

		-3			7			17			27			37			47			57			67		
		024 Size Outdoor With FXM4X24**AL Indoor Heating																							
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
700	MBh†	8.38	7.98	7.57	11.07	10.69	10.29	14.28	13.97	13.23	17.14	16.84	16.55	20.39	20.05	19.70	24.08	23.68	23.28	28.29	27.81	27.36	32.83	32.46	31.99
	T/R	12.00	11.40	10.80	15.90	15.30	14.70	20.50	20.00	18.90	24.60	24.10	23.70	29.30	28.70	28.20	34.60	33.90	33.30	40.60	39.90	39.10	47.10	46.50	45.70
	AMPS*	5.92	6.19	6.49	6.28	6.58	6.90	6.59	6.93	7.22	6.82	7.17	7.54	7.09	7.46	7.84	7.49	7.87	8.27	8.09	8.48	8.88	8.80	9.26	9.73
	HI PR	225	240	256	240	256	272	260	277	291	279	296	315	302	320	339	330	349	368	365	384	404	399	422	446
	LO PR	38	38	38	49	49	50	62	62	62	76	76	77	93	93	93	111	111	112	131	132	132	152	153	154
800	MBh†	8.52	8.12	7.71	11.24	10.86	10.46	14.45	14.15	13.44	17.34	17.04	16.74	20.64	20.30	19.94	24.41	24.00	23.59	28.68	28.21	27.76	32.90	32.56	32.27
	T/R	10.70	10.20	9.60	14.10	13.60	13.10	18.20	17.70	16.80	21.80	21.40	20.90	25.90	25.40	24.90	30.70	30.10	29.50	36.00	35.40	34.70	41.30	40.80	40.40
	AMPS*	5.93	6.21	6.50	6.26	6.56	6.88	6.53	6.87	7.16	6.72	7.07	7.44	6.96	7.32	7.70	7.33	7.69	8.08	7.88	8.26	8.66	8.43	8.86	9.33
	HI PR	222	237	253	235	251	268	253	270	285	270	288	306	292	310	329	318	337	356	350	369	389	377	399	422
	LO PR	38	38	38	49	49	50	61	62	62	76	76	77	92	93	93	111	111	112	131	131	132	150	151	153
900	MBh†	8.64	8.24	7.82	11.39	11.00	10.60	14.59	14.30	13.66	17.50	17.21	16.91	20.85	20.50	20.15	24.67	24.26	23.85	28.96	28.53	28.05	32.79	32.53	32.25
	T/R	9.60	9.20	8.70	12.70	12.30	11.80	16.30	15.90	15.20	19.50	19.20	18.80	23.30	22.90	22.40	27.50	27.00	26.50	32.30	31.80	31.20	36.60	36.30	35.90
	AMPS*	5.95	6.23	6.53	6.26	6.56	6.88	6.50	6.84	7.14	6.66	7.01	7.38	6.87	7.23	7.61	7.22	7.58	7.96	7.71	8.12	8.51	8.19	8.61	9.05
	HI PR	219	234	250	232	248	264	247	264	280	264	281	299	284	302	320	309	327	346	337	358	378	362	383	405
	LO PR	38	38	38	49	49	49	61	62	62	76	76	76	92	93	93	111	111	111	130	131	132	148	149	151

See table Notes at end of section

SIZE 30 EXPANDED DATA

		030 Size Outdoor With FXM4X36**AL Indoor Cooling																							
		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																							
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
875	MBh†	34.40	31.23	28.95	28.38	27.40	32.81	29.80	27.62	27.09	26.39	31.16	28.29	26.22	25.75	25.32	29.42	26.69	24.73	24.33	24.15	27.55	24.96	23.11	22.91	22.88
	S/T‡	0.52	0.70	0.72	0.91	1.00	0.52	0.71	0.74	0.93	1.00	0.53	0.73	0.75	0.95	1.00	0.54	0.75	0.77	0.98	1.00	0.55	0.77	0.80	1.00	1.00
	AMPS*	7.97	7.91	7.88	7.87	7.86	8.92	8.85	8.81	8.81	8.80	9.97	9.90	9.85	9.85	9.84	11.15	11.08	11.05	11.04	11.04	12.49	12.44	12.42	12.41	12.41
	HI PR	271	268	266	266	265	314	310	308	307	307	360	356	354	353	352	411	407	404	403	403	467	462	459	459	459
	LO PR	156	143	133	130	126	158	145	135	133	129	160	147	137	135	133	163	149	139	137	136	165	152	141	141	141
1000	MBh†	35.08	31.88	29.57	29.06	28.58	33.43	30.37	28.18	27.73	27.49	31.71	28.80	26.71	26.39	26.34	29.89	27.13	25.16	25.13	25.10	27.95	25.35	23.49	23.77	23.74
	S/T‡	0.53	0.73	0.75	0.95	1.00	0.54	0.74	0.77	0.97	1.00	0.55	0.76	0.79	1.00	1.00	0.56	0.79	0.81	1.00	1.00	0.57	0.81	0.84	1.00	1.00
	AMPS*	8.09	8.03	7.99	7.99	7.98	9.05	8.97	8.93	8.92	8.92	10.09	10.02	9.97	9.97	9.96	11.27	11.20	11.16	11.16	11.16	12.61	12.55	12.53	12.53	12.53
	HI PR	272	269	267	266	266	315	311	309	308	308	361	357	354	354	354	412	408	405	405	405	468	463	460	461	461
	LO PR	159	146	136	134	132	161	148	138	136	135	164	150	140	138	138	166	152	142	142	142	168	154	144	146	146
1125	MBh†	35.61	32.37	30.05	29.68	29.56	33.89	30.81	28.60	28.45	28.41	32.11	29.18	27.09	27.22	27.19	30.24	27.47	25.49	25.91	25.88	28.25	25.64	23.78	24.49	24.46
	S/T‡	0.55	0.76	0.78	0.99	1.00	0.56	0.78	0.80	1.00	1.00	0.57	0.80	0.82	1.00	1.00	0.58	0.82	0.85	1.00	1.00	0.60	0.85	0.88	1.00	1.00
	AMPS*	8.21	8.14	8.11	8.10	8.10	9.17	9.09	9.04	9.04	9.04	10.22	10.14	10.09	10.09	10.09	11.39	11.32	11.28	11.28	11.28	12.72	12.67	12.64	12.65	12.65
	HI PR	272	269	267	267	267	315	312	309	309	309	362	358	355	355	355	413	409	406	406	406	469	464	461	462	462
	LO PR	162	148	138	137	137	164	150	140	140	140	166	152	142	143	143	168	154	144	147	146	170	157	146	150	150

		-3			7			17			27			37			47			57			67		
		030 Size Outdoor With FXM4X36**AL Indoor Heating																							
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
875	MBh†	9.76	9.22	8.65	13.14	12.63	12.09	16.80	16.30	15.76	21.11	20.75	20.33	25.07	24.68	24.28	29.50	29.04	28.57	34.45	33.93	33.39	39.00	38.55	38.09
	T/R	10.50	9.90	9.20	14.10	13.50	12.90	18.00	17.40	16.80	22.60	22.20	21.70	26.90	26.40	25.90	31.60	31.00	30.50	36.90	36.30	35.60	41.80	41.20	40.60
	AMPS*	6.92	7.24	7.57	7.23	7.56	7.91	7.54	7.90	8.28	7.94	8.34	8.75	8.32	8.73	9.17	8.78	9.20	9.66	9.29	9.78	10.28	9.74	10.22	10.72
	HI PR	221	236	251	235	250	267	251	267	284	272	290	308	293	311	330	317	336	356	344	366	387	367	388	409
	LO PR	37	38	38	48	48	49	60	61	61	74	75	75	90	91	91	108	109	109	127	128	129	144	145	147
1000	MBh†	9.94	9.40	8.83	13.35	12.84	12.30	17.06	16.55	16.02	21.33	20.99	20.59	25.37	24.96	24.56	29.87	29.40	28.93	34.61	34.27	33.82	38.97	38.59	38.19
	T/R	9.30	8.80	8.20	12.50	12.00	11.50	16.00	15.50	14.90	20.00	19.60	19.20	23.80	23.30	22.90	28.00	27.50	27.00	32.40	32.10	31.60	36.50	36.10	35.60
	AMPS*	6.96	7.28	7.61	7.24	7.57	7.93	7.52	7.88	8.26	7.87	8.27	8.67	8.20	8.62	9.05	8.62	9.05	9.49	9.01	9.48	9.97	9.44	9.91	10.40
	HI PR	218	233	248	230	246	263	245	261	278	264	282	300	283	301	320	306	325	344	327	348	369	349	370	391
	LO PR	37	38	38	48	48	49	60	61	61	74	75	75	90	91	91	108	108	109	126	127	128	142	143	144
1125	MBh†	10.10	9.56	8.98	13.53	13.03	12.48	17.28	16.77	16.23	21.54	21.18	20.81	25.61	25.20	24.80	30.18	29.70	29.22	34.65	34.31	33.98	38.83	38.50	38.16
	T/R	8.40	7.90	7.40	11.30	10.80	10.40	14.40	13.90	13.50	17.90	17.60	17.30	21.30	21.00	20.60	25.10	24.70	24.20	28.90	28.50	28.20	32.40	32.00	31.60
	AMPS*	7.02	7.34	7.67	7.27	7.61	7.96	7.52	7.89	8.26	7.84	8.23	8.64	8.14	8.55	8.97	8.53	8.95	9.39	8.84	9.29	9.77	9.24	9.70	10.18
	HI PR	215	231	246	227	243	260	240	257	274	258	275	294	276	294	313	297	316	335	315	335	356	335	356	377
	LO PR	37	38	38	48	48	49	60	61	61	74	74	75	90	90	91	108	108	108	124	125	127	139	141	142

See table Notes at end of section

SIZE 37 EXPANDED DATA

		037 Size Outdoor With FXM4X48**AL Indoor Cooling																								
		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
1050	MBh†	42.58	38.21	35.13	34.44	33.22	40.39	36.25	33.34	32.73	31.88	38.17	34.27	31.53	31.00	30.52	35.86	32.22	29.66	29.26	29.08	33.42	30.04	27.68	27.57	27.53
	S/T‡	0.53	0.72	0.75	0.94	1.00	0.54	0.74	0.77	0.97	1.00	0.55	0.76	0.79	0.99	1.00	0.56	0.78	0.81	1.02	1.00	0.57	0.80	0.83	1.00	1.00
	AMPS*	9.43	9.24	9.12	9.10	9.06	10.57	10.38	10.26	10.24	10.21	11.74	11.54	11.43	11.41	11.39	13.02	12.83	12.71	12.70	12.69	14.49	14.30	14.20	14.20	14.19
	HI PR	275	270	266	266	264	317	311	307	306	305	362	356	352	351	350	411	405	401	400	400	465	459	454	454	454
	LO PR	153	140	131	129	125	155	143	133	131	128	158	145	135	134	132	161	147	137	136	136	164	150	140	140	140
1200	MBh†	43.63	39.14	36.00	35.41	34.81	41.32	37.08	34.11	33.64	33.36	38.97	35.00	32.21	31.94	31.88	36.54	32.84	30.25	30.38	30.33	33.99	30.58	28.18	28.69	28.66
	S/T‡	0.55	0.76	0.78	0.99	1.00	0.56	0.77	0.80	1.01	1.00	0.57	0.80	0.82	1.00	1.00	0.58	0.82	0.85	1.00	1.00	0.60	0.85	0.88	1.00	1.00
	AMPS*	9.61	9.41	9.28	9.26	9.24	10.75	10.54	10.41	10.40	10.39	11.91	11.71	11.58	11.57	11.57	13.19	12.98	12.86	12.87	12.87	14.65	14.46	14.34	14.37	14.37
	HI PR	277	271	268	267	266	318	312	308	308	307	363	357	353	353	353	413	406	402	402	402	466	460	455	456	456
	LO PR	156	143	134	132	130	159	146	136	135	134	161	148	138	137	137	164	150	140	141	141	167	153	143	145	145
1350	MBh†	44.45	39.88	36.68	36.31	36.17	42.03	37.73	34.71	34.67	34.61	39.59	35.56	32.75	33.09	33.04	37.06	33.34	30.72	31.42	31.38	34.41	30.98	28.58	29.63	29.59
	S/T‡	0.57	0.79	0.82	0.99	1.00	0.58	0.81	0.84	1.00	1.00	0.59	0.83	0.86	1.00	1.00	0.60	0.86	0.89	1.00	1.00	0.62	0.89	0.92	1.00	1.00
	AMPS*	9.78	9.56	9.43	9.42	9.41	10.91	10.69	10.56	10.57	10.56	12.07	11.86	11.73	11.75	11.74	13.35	13.14	13.01	13.04	13.04	14.81	14.61	14.49	14.54	14.54
	HI PR	278	272	269	268	268	319	313	309	309	309	364	358	354	355	355	414	407	403	404	404	467	461	456	458	458
	LO PR	159	146	136	135	135	161	148	138	138	138	164	150	140	142	142	166	153	142	146	145	169	155	145	150	150

		-3			7			17			27			37			47			57			67		
		037 Size Outdoor With FXM4X48**AL Indoor Heating																							
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
1050	MBh†	12.02	11.39	10.74	16.26	15.69	15.11	20.98	20.56	19.47	25.06	24.66	24.28	29.70	29.23	28.76	35.13	34.55	33.99	41.72	40.96	40.52	49.55	48.73	47.92
	T/R	11.50	10.90	10.20	15.50	14.90	14.30	19.80	19.40	18.30	23.60	23.20	22.70	27.80	27.30	26.80	32.70	32.10	31.50	38.60	37.80	37.30	45.60	44.80	43.90
	AMPS*	8.10	8.47	8.84	8.63	9.03	9.43	9.13	9.57	9.93	9.48	9.95	10.43	9.89	10.37	10.86	10.42	10.90	11.40	11.17	11.65	12.21	12.00	12.50	13.03
	HI PR	229	244	259	245	261	277	263	280	295	279	297	316	297	316	335	320	339	359	349	368	389	382	401	421
	LO PR	39	39	39	50	50	50	62	62	63	76	76	77	92	92	93	109	110	110	128	129	130	149	150	151
1200	MBh†	12.24	11.59	10.95	16.51	15.94	15.35	21.20	20.80	19.83	25.34	24.92	24.51	30.05	29.56	29.09	35.66	35.00	34.42	42.37	41.59	41.14	50.02	49.25	48.46
	T/R	10.20	9.70	9.10	13.70	13.20	12.70	17.50	17.20	16.30	20.90	20.50	20.10	24.60	24.20	23.70	29.00	28.40	27.90	34.30	33.60	33.20	40.30	39.60	38.90
	AMPS*	8.14	8.51	8.89	8.63	9.03	9.44	9.08	9.52	9.90	9.39	9.86	10.34	9.75	10.23	10.72	10.24	10.72	11.21	10.85	11.37	11.92	11.70	12.19	12.71
	HI PR	226	241	257	240	256	273	257	274	289	271	288	307	287	306	325	309	327	347	332	352	374	365	385	404
	LO PR	39	39	39	50	50	50	62	62	63	76	76	77	92	92	93	109	109	110	128	129	129	148	149	150
1350	MBh†	12.42	11.78	11.12	16.74	16.15	15.56	21.41	21.01	20.57	25.57	25.14	24.73	30.35	29.85	29.36	35.96	35.36	34.77	42.75	42.06	41.32	50.20	49.49	48.74
	T/R	9.20	8.70	8.20	12.40	11.90	11.50	15.80	15.40	15.10	18.70	18.40	18.00	22.10	21.70	21.30	26.00	25.50	25.10	30.80	30.20	29.60	36.00	35.40	34.80
	AMPS*	8.19	8.57	8.95	8.65	9.06	9.47	9.06	9.51	9.97	9.33	9.81	10.29	9.66	10.15	10.63	10.12	10.60	11.09	10.68	11.17	11.69	11.50	11.99	12.50
	HI PR	224	239	254	237	253	269	251	269	287	264	282	301	280	298	317	300	318	337	321	340	360	353	372	392
	LO PR	39	39	39	49	50	50	62	62	62	76	76	77	92	92	92	109	109	110	128	128	129	147	148	149

See table Notes at end of section

SIZE 42 EXPANDED DATA

		042 Size Outdoor With FXM4X42**AL Indoor Cooling																								
		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
1225	MBh†	50.43	45.65	42.23	41.36	39.50	48.01	43.47	40.23	39.42	38.01	45.51	41.22	38.16	37.42	36.44	42.89	38.86	35.97	35.33	34.77	40.16	36.38	33.68	33.17	32.98
	S/T‡	0.51	0.69	0.71	0.89	1.00	0.52	0.70	0.73	0.91	1.00	0.52	0.71	0.74	0.93	1.00	0.53	0.73	0.76	0.96	1.00	0.54	0.75	0.78	0.99	1.00
	AMPS*	10.72	11.27	11.60	11.67	11.81	12.45	12.85	13.09	13.13	13.21	14.19	14.48	14.63	14.65	14.68	16.02	16.20	16.28	16.28	16.29	17.96	18.05	18.07	18.07	18.07
	HI PR	270	266	263	263	261	312	308	304	304	302	358	353	350	349	348	408	403	399	398	398	463	457	453	453	452
	LO PR	151	139	129	127	121	154	141	131	129	125	156	143	133	131	128	159	146	136	134	132	162	148	138	137	136
1400	MBh†	51.53	46.66	43.19	42.36	41.23	48.98	44.38	41.08	40.35	39.62	46.35	42.00	38.90	38.28	37.93	43.62	39.54	36.62	36.20	36.14	40.76	36.95	34.22	34.27	34.22
	S/T‡	0.52	0.71	0.74	0.93	1.00	0.53	0.73	0.76	0.95	1.00	0.54	0.75	0.77	0.98	1.00	0.55	0.77	0.79	1.00	1.00	0.56	0.79	0.82	1.00	1.00
	AMPS*	10.74	11.32	11.69	11.75	11.85	12.51	12.95	13.21	13.25	13.29	14.29	14.61	14.78	14.80	14.81	16.15	16.35	16.44	16.45	16.45	18.12	18.23	18.26	18.26	18.26
	HI PR	271	267	264	264	263	313	309	305	305	304	359	354	351	350	350	409	404	400	400	400	464	459	454	455	455
	LO PR	155	142	132	130	127	157	144	134	132	130	160	146	136	135	134	162	149	138	138	137	165	151	141	141	141
1575	MBh†	52.37	47.45	43.93	43.23	42.69	49.72	45.05	41.73	41.18	40.98	47.00	42.59	39.46	39.23	39.18	44.15	40.05	37.10	37.32	37.28	41.21	37.37	34.64	35.29	35.25
	S/T‡	0.54	0.74	0.77	0.97	1.00	0.55	0.76	0.78	0.99	1.00	0.56	0.78	0.81	1.00	1.00	0.57	0.80	0.83	1.00	1.00	0.58	0.83	0.86	1.00	1.00
	AMPS*	10.79	11.40	11.79	11.84	11.89	12.59	13.06	13.33	13.36	13.38	14.41	14.75	14.93	14.93	14.94	16.29	16.51	16.62	16.60	16.61	18.27	18.40	18.44	18.43	18.43
	HI PR	272	268	265	264	264	314	310	306	306	306	360	355	351	351	351	410	405	401	401	401	465	459	455	456	456
	LO PR	158	145	135	133	132	160	147	137	135	135	162	149	139	138	138	165	151	141	142	142	167	153	143	146	146

		-3			7			17			27			37			47			57			67		
		042 Size Outdoor With FXM4X42**AL Indoor Heating																							
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
1225	MBh†	15.59	14.91	14.21	20.20	19.56	18.88	25.92	24.56	23.85	30.84	30.36	29.87	36.17	35.61	35.07	42.10	41.46	40.82	48.79	48.00	47.26	56.67	55.78	54.86
	T/R	12.40	11.80	11.20	16.10	15.50	14.90	20.60	19.50	18.90	24.50	24.10	23.60	28.70	28.20	27.70	33.50	32.90	32.30	38.80	38.10	37.40	45.00	44.20	43.40
	AMPS*	9.95	10.53	11.15	10.66	11.20	11.77	11.54	11.95	12.48	12.31	12.83	13.38	13.03	13.56	14.13	13.73	14.30	14.90	14.45	15.06	15.70	15.00	15.71	16.47
	HI PR	228	243	259	243	259	275	263	277	294	281	299	318	302	321	340	327	346	366	358	377	398	389	410	432
	LO PR	35	36	36	46	46	47	58	58	59	72	72	72	87	88	88	105	105	105	123	124	125	145	146	146
1400	MBh†	15.85	15.19	14.48	20.53	19.88	19.21	26.26	24.93	24.24	31.19	30.71	30.24	36.63	36.05	35.49	42.66	42.00	41.35	49.49	48.69	47.91	57.34	56.54	55.73
	T/R	11.00	10.50	10.00	14.30	13.80	13.30	18.30	17.30	16.80	21.70	21.30	20.90	25.50	25.00	24.60	29.70	29.10	28.60	34.40	33.80	33.20	39.90	39.20	38.60
	AMPS*	9.99	10.58	11.20	10.68	11.22	11.79	11.53	11.93	12.46	12.25	12.76	13.31	12.93	13.45	14.01	13.55	14.12	14.71	14.18	14.80	15.43	14.59	15.28	16.00
	HI PR	225	240	256	238	254	271	256	270	287	272	290	309	292	310	330	315	334	354	344	363	383	371	392	413
	LO PR	35	35	36	46	46	46	58	58	59	72	72	72	87	88	88	104	105	105	123	124	124	144	145	145
1575	MBh†	16.10	15.44	14.73	20.82	20.17	19.49	26.55	25.36	24.58	31.50	31.04	30.53	37.01	36.43	35.86	43.12	42.45	41.79	50.13	49.27	48.46	57.72	56.99	56.22
	T/R	10.00	9.50	9.10	12.90	12.40	12.00	16.40	15.60	15.10	19.50	19.10	18.80	22.90	22.50	22.10	26.60	26.20	25.70	31.00	30.40	29.80	35.70	35.20	34.60
	AMPS*	10.06	10.66	11.28	10.73	11.27	11.84	11.55	11.97	12.49	12.24	12.76	13.29	12.88	13.41	13.96	13.46	14.02	14.61	13.96	14.64	15.27	14.33	15.01	15.72
	HI PR	222	237	253	234	250	267	250	265	282	266	284	302	284	302	321	306	325	344	331	352	372	358	378	399
	LO PR	35	35	36	46	46	46	58	58	59	72	72	72	87	87	88	104	104	105	123	123	124	143	144	145

See table Notes at end of section

SIZE 48 EXPANDED DATA

		048 Size Outdoor With FXM4X60**AL Indoor Cooling																								
		Outdoor Ambient Temperature - Degrees F, Dry Bulb																								
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																								
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
1420	MBh†	58.07	53.00	49.29	48.39	46.84	55.36	50.57	47.05	46.26	45.13	52.51	48.00	44.69	43.97	43.29	49.43	45.23	42.13	41.55	41.27	46.11	42.21	39.35	39.34	39.04
	S/T‡	0.50	0.68	0.71	0.88	1.00	0.54	0.73	0.76	0.95	1.00	0.58	0.79	0.81	1.03	1.00	0.62	0.85	0.88	1.10	1.00	0.66	0.92	0.95	1.15	1.00
	AMPS*	12.17	12.12	12.08	12.08	12.06	14.00	13.94	13.89	13.88	13.87	16.12	16.05	16.00	15.99	15.98	18.58	18.51	18.45	18.44	18.43	21.42	21.34	21.28	21.28	21.27
	HI PR	277	273	270	269	267	320	315	311	310	309	366	361	357	356	355	416	411	406	406	405	470	465	461	461	460
	LO PR	155	141	131	129	125	157	143	133	131	128	160	146	135	133	131	162	148	137	136	135	165	151	140	140	139
1600	MBh†	59.07	53.94	50.21	49.44	48.62	56.23	51.41	47.88	47.22	46.78	53.24	48.73	45.42	45.37	44.83	50.06	45.85	42.77	42.73	42.67	46.62	42.74	39.90	40.34	40.29
	S/T‡	0.52	0.71	0.73	0.92	1.00	0.55	0.76	0.79	0.99	1.00	0.59	0.82	0.85	1.03	1.00	0.64	0.89	0.92	1.00	1.00	0.69	0.97	0.99	1.00	1.00
	AMPS*	12.31	12.26	12.22	12.21	12.20	14.14	14.08	14.04	14.03	14.02	16.27	16.20	16.15	16.15	16.14	18.74	18.67	18.61	18.61	18.61	21.57	21.51	21.44	21.45	21.45
	HI PR	278	274	270	270	269	321	316	312	311	311	367	362	358	358	357	417	412	407	408	407	471	466	462	462	462
	LO PR	158	144	134	132	130	160	146	136	134	133	163	148	138	138	136	165	151	140	140	140	168	153	142	145	144
1800	MBh†	59.90	54.77	51.02	50.90	50.29	56.96	52.13	48.60	48.40	48.34	53.86	49.35	46.06	46.31	46.25	50.55	46.39	43.32	44.01	43.96	47.05	43.18	40.36	41.48	41.43
	S/T‡	0.53	0.74	0.76	0.93	1.00	0.57	0.80	0.82	1.00	1.00	0.62	0.86	0.89	1.00	1.00	0.66	0.94	0.96	1.00	1.00	0.71	1.02	1.04	1.00	1.00
	AMPS*	12.47	12.41	12.37	12.37	12.37	14.30	14.24	14.19	14.19	14.19	16.44	16.37	16.32	16.33	16.32	18.91	18.84	18.78	18.79	18.79	21.74	21.68	21.62	21.65	21.65
	HI PR	279	275	271	271	271	321	317	313	313	313	368	363	359	359	359	418	413	408	409	409	472	467	463	464	464
	LO PR	161	147	136	137	135	163	149	138	138	138	165	151	140	142	141	168	153	142	145	145	170	156	145	149	149

		-3			7			17			27			37			47			57			67		
		048 Size Outdoor With FXM4X60**AL Indoor Heating																							
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
1420	MBh†	20.76	20.52	20.29	25.15	24.93	24.72	29.87	29.60	29.34	35.07	34.74	34.42	40.98	40.32	39.98	46.78	46.50	46.00	53.42	52.76	52.12	60.31	59.42	58.62
	T/R	15.40	15.20	15.00	18.50	18.30	18.10	21.80	21.50	21.30	25.40	25.10	24.80	29.40	28.90	28.60	33.30	33.00	32.60	37.70	37.20	36.60	42.30	41.50	40.90
	AMPS*	12.23	12.81	13.42	12.65	13.26	13.91	13.13	13.76	14.44	13.63	14.29	14.99	14.15	14.84	15.57	14.69	15.43	16.18	15.32	16.05	16.82	15.95	16.69	17.48
	HI PR	250	268	287	259	278	297	271	290	310	285	304	324	300	320	340	316	337	357	335	355	376	355	374	395
	LO PR	36	36	36	47	47	48	59	60	60	73	73	74	89	89	89	106	107	107	125	126	126	148	149	149
1600	MBh†	20.83	20.58	20.35	25.20	24.98	24.76	29.90	29.64	29.38	35.27	34.79	34.46	40.86	40.60	40.05	47.27	46.40	45.96	53.63	53.01	52.36	60.65	59.87	59.04
	T/R	13.70	13.50	13.30	16.40	16.30	16.10	19.40	19.10	18.90	22.60	22.30	22.00	26.00	25.80	25.40	29.90	29.20	28.90	33.60	33.10	32.70	37.70	37.10	36.50
	AMPS*	12.22	12.80	13.41	12.59	13.20	13.84	13.02	13.65	14.32	13.46	14.12	14.81	13.91	14.60	15.32	14.41	15.11	15.85	14.93	15.65	16.41	15.48	16.22	16.98
	HI PR	246	264	282	254	272	291	264	283	302	277	295	315	290	309	329	305	324	344	321	341	361	338	358	379
	LO PR	36	36	36	47	47	48	59	60	60	74	73	73	89	89	89	107	106	106	125	126	126	148	148	149
1800	MBh†	20.91	20.66	20.43	25.26	25.04	24.82	29.96	29.69	29.43	35.30	34.84	34.51	40.88	40.67	40.25	47.07	46.55	46.31	53.95	53.27	52.60	61.12	60.29	59.45
	T/R	12.20	12.10	11.90	14.70	14.50	14.30	17.20	17.00	16.90	20.10	19.80	19.60	23.10	23.00	22.70	26.40	26.10	25.90	30.10	29.60	29.20	33.80	33.30	32.70
	AMPS*	12.24	12.82	13.42	12.58	13.18	13.82	12.97	13.59	14.25	13.36	14.01	14.69	13.77	14.43	15.14	14.19	14.88	15.60	14.65	15.36	16.10	15.13	15.85	16.60
	HI PR	242	260	278	249	267	286	258	277	296	269	288	307	281	300	320	294	313	334	309	328	348	324	344	364
	LO PR	36	36	36	47	47	47	59	59	60	73	73	73	88	89	90	105	105	107	125	125	126	148	148	149

See table Notes at end of section

SIZE 60 EXPANDED DATA

		060 Size Outdoor With FXM4X60**AL Indoor Cooling																							
		Outdoor Ambient Temperature - Degrees F, Dry Bulb																							
		75					85					95					105					115				
		Entering Indoor Temperature - Degrees F, Wet Bulb																							
CFM		72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57	72	67	63††	62	57
1600	MBh†	67.41	61.41	57.06	56.01	54.03	63.92	58.31	54.24	53.30	51.89	60.21	55.00	51.22	50.38	49.54	56.21	51.44	47.58	47.07	46.96	51.85	47.09	44.36	44.15	44.10
	S/T‡	0.52	0.70	0.72	0.90	1.00	0.52	0.71	0.74	0.93	1.00	0.53	0.73	0.75	0.95	1.00	0.55	0.75	0.78	0.98	1.00	0.56	0.79	0.81	1.00	1.00
	AMPS*	14.08	14.02	13.97	13.96	13.93	16.12	16.05	16.00	15.99	15.97	18.46	18.39	18.34	18.33	18.32	21.15	21.09	21.01	21.01	21.02	24.25	24.15	24.14	24.14	24.14
	HI PR	282	277	273	272	271	323	318	314	313	312	368	363	359	358	357	417	412	407	406	406	470	464	460	460	460
	LO PR	154	140	130	128	123	156	143	132	130	127	159	145	135	133	131	162	148	137	136	135	165	151	140	140	140
1750	MBh†	68.27	62.25	57.89	56.91	55.57	64.69	59.04	54.95	54.11	53.30	60.82	55.63	51.83	51.17	50.83	56.74	51.94	48.43	48.17	48.05	52.25	47.24	44.79	45.13	45.10
	S/T‡	0.53	0.72	0.74	0.93	1.00	0.53	0.73	0.76	0.96	1.00	0.55	0.75	0.78	0.98	1.00	0.56	0.78	0.80	1.00	1.00	0.58	0.82	0.83	1.00	1.00
	AMPS*	14.23	14.17	14.12	14.11	14.09	16.27	16.21	16.15	16.14	16.13	18.61	18.55	18.50	18.49	18.49	21.31	21.25	21.20	21.20	21.19	24.41	24.29	24.31	24.31	24.32
	HI PR	283	278	274	273	272	324	319	315	314	314	369	364	360	359	359	418	412	408	408	408	470	464	461	462	462
	LO PR	156	142	132	130	127	159	145	134	133	131	161	147	137	135	135	164	150	139	139	139	167	153	142	144	144
2000	MBh†	69.42	63.34	58.94	58.21	57.76	65.65	59.99	55.88	55.41	55.32	61.66	56.42	52.62	52.72	52.66	57.41	52.60	49.13	49.80	49.72	52.76	48.44	45.33	46.54	46.48
	S/T‡	0.54	0.75	0.78	0.98	1.00	0.55	0.77	0.79	1.00	1.00	0.57	0.80	0.82	1.00	1.00	0.58	0.82	0.85	1.00	1.00	0.60	0.86	0.88	1.00	1.00
	AMPS*	14.48	14.42	14.36	14.36	14.35	16.52	16.46	16.41	16.40	16.40	18.87	18.81	18.76	18.76	18.76	21.58	21.52	21.47	21.48	21.48	24.67	24.63	24.59	24.61	24.61
	HI PR	284	279	275	275	274	326	320	316	316	316	370	365	361	361	361	419	414	409	410	410	471	466	462	464	464
	LO PR	159	146	135	134	133	162	148	137	137	136	164	150	139	140	140	167	153	142	145	144	170	156	145	149	149

		-3			7			17			27			37			47			57			67		
		060 Size Outdoor With FXM4X60**AL Indoor Heating																							
CFM		65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75	65	70	75
1600	MBh†	22.25	21.64	20.96	28.49	27.97	26.57	34.05	33.60	33.14	40.36	39.81	39.27	47.55	46.86	46.21	55.86	55.00	54.16	65.60	64.59	63.56	76.29	75.28	74.40
	T/R	14.40	14.00	13.50	18.40	18.00	17.00	21.90	21.50	21.20	25.80	25.40	25.00	30.40	29.90	29.40	35.50	34.90	34.30	41.60	40.90	40.10	48.20	47.50	46.80
	AMPS*	13.11	13.72	14.34	13.93	14.58	15.13	14.63	15.33	16.08	15.44	16.17	16.95	16.39	17.15	17.95	17.56	18.34	19.19	19.07	19.92	20.79	20.53	21.56	22.77
	HI PR	240	256	272	256	273	288	271	289	308	288	307	326	310	329	348	337	356	376	372	392	412	404	427	454
	LO PR	39	39	40	50	50	51	62	63	63	76	76	77	92	92	92	109	109	110	129	129	130	151	152	152
1750	MBh†	22.47	21.85	21.17	28.69	28.24	26.82	34.27	33.81	33.38	40.64	40.09	39.55	47.93	47.23	46.56	56.31	55.47	54.62	66.14	65.15	64.13	77.38	75.93	74.88
	T/R	13.30	12.90	12.50	16.90	16.60	15.70	20.10	19.80	19.50	23.80	23.40	23.00	28.00	27.50	27.10	32.80	32.20	31.60	38.40	37.70	37.00	44.70	43.80	43.10
	AMPS*	13.14	13.75	14.37	13.91	14.57	15.12	14.57	15.27	16.01	15.34	16.06	16.83	16.24	16.99	17.78	17.36	18.13	18.96	18.83	19.67	20.53	20.45	21.19	22.21
	HI PR	237	253	270	252	270	284	266	284	303	282	301	320	302	321	341	328	347	367	363	382	402	400	416	438
	LO PR	39	39	40	50	50	50	62	62	63	76	76	77	91	92	92	109	109	110	129	129	130	151	152	152
2000	MBh†	22.78	22.16	21.49	28.96	28.55	27.21	34.61	34.16	33.69	41.22	40.50	39.95	48.45	47.75	47.05	56.96	56.10	55.25	66.88	65.86	64.85	77.72	76.69	75.64
	T/R	11.80	11.40	11.10	14.90	14.70	14.00	17.80	17.50	17.20	21.10	20.70	20.40	24.70	24.30	23.90	29.00	28.50	28.00	33.90	33.30	32.80	39.30	38.70	38.10
	AMPS*	13.23	13.83	14.46	13.93	14.59	15.16	14.55	15.24	15.97	15.27	15.97	16.73	16.10	16.84	17.62	17.18	17.94	18.74	18.65	19.46	20.31	20.10	20.95	21.86
	HI PR	233	249	266	246	264	279	259	277	295	274	292	311	293	311	331	318	336	356	351	371	391	386	405	425
	LO PR	39	39	39	50	50	50	62	62	63	76	76	77	91	92	92	109	109	109	128	129	129	150	151	152

See table Notes at end of section

† Total capacities are net (I.D blower heat added for heating, subtracted for cooling) system capacities based on 25' line set.
If additional tubing length and/or indoor unit is located above outdoor unit, a slight variation in capacity may occur.

* System amps are total of indoor and outdoor amps

‡ S/T are based on 80 F db entering air at the indoor coil. For sensible capacities at other than 80 F db, deduct 835 Btuh per 1000 cfm of indoor coil air from MBhxS/T for each degree below 80 F, or add 835 Btuh per 1000 cfm of indoor coil air from MBhxS/T for each degree above 80 F

†† At TVA rating indoor condition (75 F db/ 63 F wb), All other indoor air temperatures are at 80 F db

T/R - Temp Rise is based on 25 foot line set
If additional tubing length and/or indoor unit is located above indoor unit, a slight variation in Temp Rise may occur

ACCESSORY USAGE GUIDELINES			
Accessory	REQUIRED FOR APPLICATIONS IN SNOW−BELT REGION	REQUIRED FOR LOW−AMBIENT APPLICATIONS {Below 55°F (13°C)}	REQUIRED FOR LONG−LINE APPLICATIONS* {Over 80 Ft. (24.4m)}
Crankcase Heater	Standard (if required)	**Yes**	**Yes**
Evaporator Freeze Thermostat	No	**Yes**	No
Accumulator	Standard (factory installed)	Standard (factory installed)	Standard (factory installed)
Hard Start Kit (Capacitor & Relay)	No	**Yes**	**Yes**
Low Ambient Kit (Pressure Switch) +	No	**Yes**	No
Support Feet, 4” (102mm) tall	**Yes**	Recommended	No
Liquid Line Solenoid Valve	No	No	See Long−Line Application Guideline

* For Line Set lengths between 80 and 200 ft (24.4 and 61m) horizontal. or more than 20 ft (6.1m) indoor−outdoor vertical separation, refer to the Long Line Application Guideline document.

\+ .In units equipped with ECM OD motor, motor needs to be replaced per unit accessory guide to work properly. This motor kit comes with a new defrost board that also needs to be installed. Unit will not meet AHRI efficiency once motor and defrost board are replaced to use this accessory.

ACCESSORIES		
Part Number	**Description**	**Used On Model Size**
NASA001SC	Start Component − PTC Device	ALL
NASA00201FS	Evaporator Freeze Thermostat	ALL
NASA001LS	Liquid Line Solenoid Valve, HP, R−410A	ALL
NASA001TD	Time Delay Relay, Indoor Blower	ALL
NASA00101IK	ISLN Relay Kit	ALL
NASA001AC	Anti−Cycle Timer (5 minute delay)	ALL
NASA401LA	Low Ambient Pressure Switch	ALL
NASA405PS	High Pressure Switch Kit	ALL
NASA00201SF	Support Feet, 4” (102mm) tall	ALL
NASA00201SJ	Sound Jacket, Compressor	37
NASA001SJ	Sound Jacket, Compressor	18, 24, 30, 42, 48, 60
NASA001CH	Crankcase Heater for Scroll Compressor (208/230 V)	48, 60
NASA003CH	Crankcase Heater for Scroll Compressor (208/230 V)	18, 30
NASA00501CH	Crankcase Heater for Scroll Compressor (208/230 V)	42
NASA00601CH	Crankcase Heater for Scroll Compressor (208/230 V)	24
NASA003SC	Hard Start Kit (Capacitor & Relay)	18, 30
NASA012SC	Hard Start Kit (Capacitor & Relay)	37, 48, 61
NASA005SC	Hard Start Kit (Capacitor & Relay)	24, 42, 60
NAEA40501TX	TXV Kit, R−410A − for use with copper or tin fan coils	18, 24, 30
NAEA40601TX	TXV Kit, R−410A − for use with copper or tin fan coils	37, 42
NAEA40701TX	TXV Kit, R−410A − for use with copper or tin fan coils	48, 60, 61
NAEB40501TX	TXV Kit, R−410A − for use with aluminum fan coils	18, 24, 30
NAEB40601TX	TXV Kit, R−410A − for use with aluminum fan coils	37, 42
NAEB40701TX	TXV Kit, R−410A − for use with aluminum fan coils	48, 60, 61
NASA00201PM*	PSC fan motor kit (motor, fan, and defrost board)	61

NOTES: