

Catalog

Optyma™ condensing units



Easy

installation, easy
service and reliable
performance

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Optyma™ condensing unit nomenclature / model no.

Application	Design	Refrigerant	Condenser size	HP rating	Certification	Version	Electrical code	
OP-	H	N	U	M	0300	U	WG000	Q

Application:
L: Low
H: Medium / High
U: Universal Low / Medium / High

Design:
C: Air cooled condenser, Single fan, Recip
J: Air cooled condenser, Slim Design, Recip
G: Air cooled condenser, Twin fan, Recip
N: Air cooled condenser, Slim Design, Scroll
R: Air cooled condenser, Twin fan, Scroll

Refrigerant:
G: R134a
H: R404A/R507
M: R22 Replacement
Z: R404A/R507A/R134a*
U: R404A/R134a/R507/R22

Condenser size:
C: Fin and Tube condenser size 110F ambient
M: Microchannel Condenser size 115F ambient

HP rating:
 HP rating in hundredths of HP,
 i.e.: 0033=1/3 HP, 1000 = 10 HP

Certification:
R: UL Recognized
U: UL Listed

Electrical code:
B: Compressor & fan(s), 115V, 1ph, 60 Hz
N: Compressor & fan(s), 230V, 1ph, 60 Hz
Q: Compressor 208-230V, 3ph, 60 Hz
 Fan(s) 230V, 1ph, 60 Hz
R: Compressor 460V, 3ph, 60 Hz
 Fan(s) 460V, 1ph, 60 Hz

Version:
WA: Power cord
WB: Power cord, Receiver
WC: BX, Receiver
WD: BX, Receiver, Low pressure control
WE: BX, Receiver, Dual pressure control, Fan cycling control, larger than 3 HP dual fan units use KPU fan cycling control
WF: WE + filter drier, sight glass, solenoid valve with coil
WG: BX, Receiver, Dual pressure control, Fan speed controller, Defrost Timer, outdoor enclosure (MBP)
WH: BX, Receiver, Dual pressure control, Fan speed controller, Defrost Timer, outdoor enclosure, Suction Accumulator (LBP)

* R134a is available in MBP only

Rating Conditions (ARI)

Application	LBP	MBP/HBP
Ambient Temp	90°F	90°F
Return Gas	40°F	65°F
SubCooling	5°F	5°F

OPTYMA

Model: HCGC0033RWB000B

Danfoss Code: 114N2022

Serial Number: 0012345AU0116

Compressor: 115V-60Hz-1Ph LRA43.1A RLA8.9A

Fan Motor: 115V FLA 0.45 A

MCA: 11.6 A

Max. Fuse/HACR breaker: 20.0

MADE IN USA

Design Pressure: Low/High side 87/185psi

Refrigerant: R134a

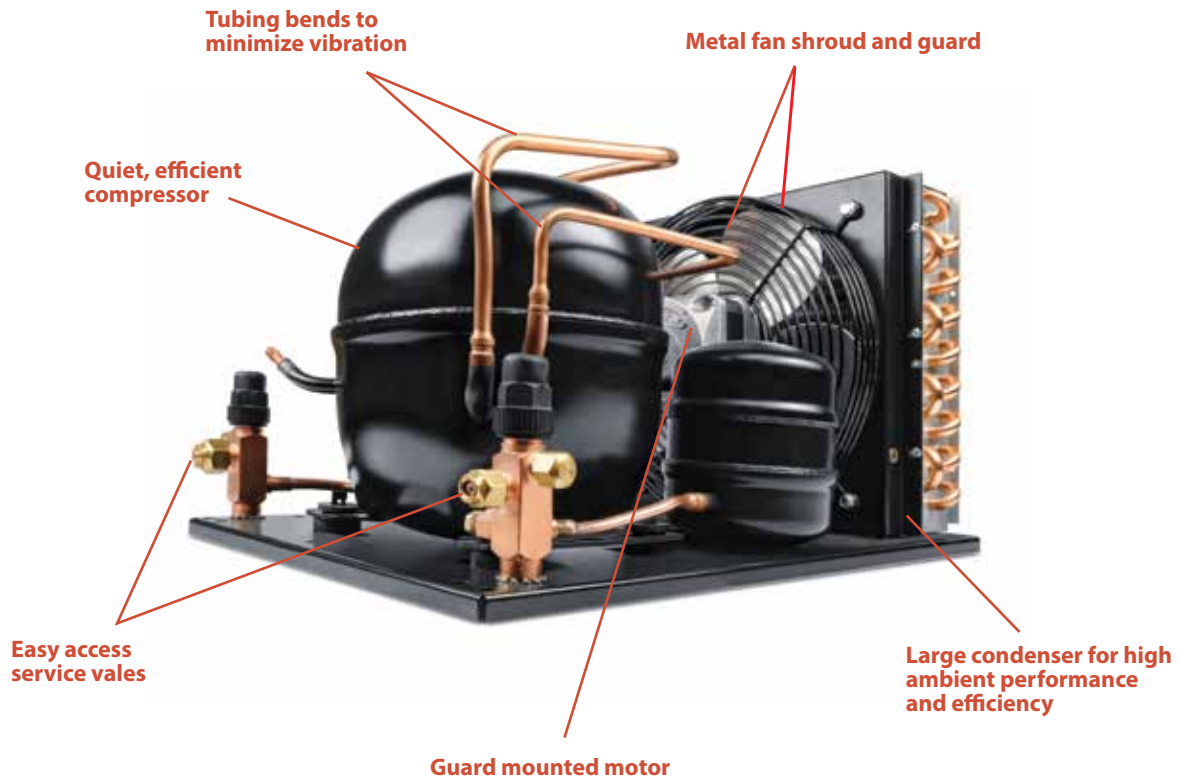
Oil Type: Polyolester

Wiring diagram: 119-3987

OP-HCGC0033RWB000B (Model no.)

114N2022 (Code no.)

Date Code: XXXXXXX**AU0116**
 7 digits = serial #
 AU = Assembled in US
 01 = Week of Manufacture
 16 = Year of Manufacture



Fan	Model no	Version	Electrical code	Code no	Compressor model	Amb. temp.		Capacity range in (btu/hr) at evaporating temperature								Power consumption [W] at evap. temp. 20 F		
						°F	°C	0	5	10	15	20	25	30	35		40	45
								-17.8	-15.0	-12.2	-9.4	-6.7	-3.9	-1.1	1.7		4.4	7.2
Single fan	OP-UCGC0017R	WA	B	114N2016	TL4G	90	32	550	600	700	800	900	1000	1100	1200	1350	1450	150
						95	35	500	600	650	750	850	950	1050	1150	1300	1400	
						100	38	450	550	650	700	800	900	1000	1100	1200	1350	
						110	43	400	500	550	650	750	800	900	1050	1150	1250	
	OP-UCGC0020R	WA	B	114N2017	NF6.1FX.2	90	32	1050	1200	1350	1500	1700	1850	2050	2250	2450	2700	250
						95	35	1000	1150	1300	1450	1600	1800	2000	2200	2400	2600	
						100	38	950	1100	1250	1400	1550	1750	1900	2100	2300	2500	
						110	43	900	1000	1150	1300	1450	1600	1800	1950	2150	2350	
	OP-UCGC0025R	WB	B	114N2019	NF7.3FX.2	90	32	1250	1400	1600	1750	1950	2150	2400	2600	2850	3100	350
						95	35	1200	1350	1550	1700	1900	2100	2300	2500	2750	3000	
						100	38	1150	1300	1450	1650	1800	2000	2200	2450	2650	2900	
						110	43	1050	1200	1350	1550	1700	1900	2050	2250	2450	2700	
	OP-HCGC0033R	WB	B	114N2022	NF11FX	90	32		2050	2300	2550	2850	3100	3450	3750	4100	4450	450
						95	35		1950	2200	2450	2750	3000	3300	3650	3950	4300	
						100	38		1900	2100	2350	2600	2900	3200	3500	3800	4150	
						110	43		1750	1950	2200	2450	2700	2950	3250	3550	3850	
	OP-UCGC0050R	WC	B	114N2023	SC18G	90	32	2350	2700	3050	3450	3800	4250	4700	5150	5650	6150	700
						95	35	2300	2600	2950	3300	3700	4100	4500	4950	5400	5900	
						100	38	2200	2500	2800	3200	3550	3950	4350	4750	5200	5650	
						110	43	2000	2300	2600	2900	3250	3600	4000	4400	4800	5200	
	OP-HCGC0055R	WB	B	114N2025	NT6215Z	90	32		2900	3300	3800	4300	4850	5450	6100	6700	7350	700
						95	35		2800	3200	3650	4150	4650	5250	5850	6450	7050	
						100	38		2650	3050	3500	3950	4500	5050	5600	6150	6750	
						110	43				3250	3700	4150	4700				
OP-HCGC0055U	WC	B	114N2026	NT6215Z	90	32											700	
					95	35												
					100	38												
					110	43												
OP-HCGC0075U	WC	B	114N2027	NJ6220Z	90	32		4350	4850	5550	6250	7150	8050	9100	10100	11200	1000	
					95	35		4100	4700	5350	6100	6950	7850	8800	9800	10850		
					100	38		3900	4500	5150	5900	6750	7600	8550	9500	10450		
					110	43				4850	5600	6400	7250	8100				
OP-HCGC0100U	WD	N	114N2029	NJ6226Z	90	32		6800	7450	8200	9050	9950	10950	12000	13050	14200	1200	
					95	35		6300	7000	7750	8550	9450	10400	11450	12450	13550		
					100	38			6550	7300	8100	8950	9900	10900	11850	12900		
					110	43				6500	7250	8100	9000					

Test condition

Return gas temperature 65°F
Subcooling 5°F

Electrical code

B: Compressor & fan(s) 115V, 1 ph, 60 Hz
N: Compressor & fan(s) 230V, 1 ph, 60 Hz

Version

WA: Power cord
WB: Power cord, Receiver
WC: BX, Receiver
WD: BX, Receiver, Low pressure control

HP rating in hundredths of HP, ie.: 033=1/3hp, (OP-UCGC0100U:0100=1hp)
Power consumption referred at 90°F ambient temperature

Model no	Condenser fan		Receiver lbs @ 90%	Dimensions (in) ⁽¹⁾					Weight (lbs)		MCA (A)	Oil Type / Charge (oz)	Wiring diagram code ⁽²⁾
	Fan blade Ø (in)			Figure	Height H (in)	Width W (in)	Depth D (in)	Suction line	Liquid line	Gross			
OP-UCGC0017R	8		---	1	9.0	11	14	3/8" F	1/4" F	32	4.1	POE / 9.5	119-3993
OP-UCGC0020R	8		---	2	9.0	11	14	3/8" F	1/4" F	32	6.1	POE / 10.8	119-3987
OP-UCGC0025R	8		2.16	2	9.1	13.5	17	3/8" F	1/4" F	45	6.4	POE / 10.8	119-3987
OP-HCGC0033R	9		2.16	2	10.3	13.5	17	3/8" F	1/4" F	47	11.7	POE / 10.8	119-3987
OP-UCGC0050R	10		2.16	3	11.8	13.5	17	1/2" F	1/4" F	57	13.7	POE / 20.3	119-3983
OP-HCGC0055R	10		4	4	11.9	14	18	3/8" F	1/4" F	67	15	POE / 19.6	119-3988
OP-HCGC0075R	12		4	4	13.2	16.9	19	1/2" F	1/4" F	100	19.2	POE / 30.1	119-3983
											10.5		119-3985
OP-HCGC0100U	12		4	4	16.1	21.1	20.8	1/2" F	1/4" F	113	11.2	POE / 30.1	119-3990

⁽¹⁾Dimensions (in) available on pages 29-36

⁽²⁾Wiring diagram available on pages 25-28

For spare parts, see pages 22-24

Fan	Model no	Version	Electrical code	Code no	Compressor model	Amb. temp.		Capacity range in (btu/hr) at evaporating temperature									Power consumption [W] at evap. temp. 20 °F	
						°F	°C	0	5	10	15	20	25	30	35	40		45
								-17.8	-15.0	-12.2	-9.4	-6.7	-3.9	-1.1	1.7	4.4		7.2
Single fan	OP-UCHC0020R	WA	B	114N2316	TF4CLX	90	32	1000	1100	1250	1400	1500	1650	1800	2000	2150	2300	300
						95	35	950	1050	1200	1300	1450	1600	1750	1900	2050	2200	
						100	38	900	1000	1100	1250	1350	1500	1650	1800			
						110	43	800	900	1000	1150	1250	1400	1500				
	OP-UCHC0025R	WB	B	114N2318	NF5.5CLX	90	32	1650	1850	2050	2250	2450	2650	2900	3150	3400	3650	450
						95	35	1600	1750	1950	2150	2350	2550	2800	3000	3250	3500	
						100	38	1500	1650	1850	2050	2250	2450	2650	2900	3100	3350	
						110	43	1350	1550	1700	1850	2050	2250					
	OP-UCHC0033R	WB	B	114N2321	NF7CLX	90	32	2050	2250	2500	2750	3000	3250	3550	3850	4100	4450	550
						95	35	1950	2150	2400	2600	2850	3100	3400	3650	3950	4250	
						100	38	1850	2050	2250	2500	2700	2950	3200	3500	3750	4050	
						110	43	1650	1850	2050								
	OP-UCHC0050R	WB	B	114N2324	SC10CL	90	32	2450	2750	3100	3400	3750	4100	4500	4900	5250	5700	700
						95	35	2300	2600	2900	3200	3550	3850	4250	4600	4950	5350	
						100	38	2100	2400	2700	3000	3300	3600	3950	4300	4650	5000	
						110	43	1850	2100	2350	2600	2850	3150					
	OP-UCHC0050U	WC	N	114N2325	SC10CL	90	32	2450	2750	3100	3400	3750	4100	4500	4900	5250	5700	700
						95	35	2300	2600	2900	3200	3550	3850	4250	4600	4950	5350	
						100	38	2100	2400	2700	3000	3300	3600	3950	4300	4650	5000	
						110	43	1850	2100	2350	2600	2850	3150					
OP-HCHC0060U	WC	B	114N2328	SC12MLX	90	32	3400	3750	4200	4600	5050	5550	6050	6600	7100	7700	900	
					95	35	3200	3550	3950	4350	4800	5250	5750	6250	6750	7300		
		N	114N2329	SC12MLX	100	38	3000	3350	3700	4100	4500	4950	5400	5900	6400	6900		
					110	43	2650	2950	3300	3700	4050	4450	4900					
OP-HCHC0075U	WC	B	114N2330	SC18MLX	90	32	4400	4950	5500	6150	6800	7500	8250	9000	9800	10650	1000	
					95	35	4150	4700	5250	5850	6500	7200	7900	8650	9400	10250		
		N	114N2331	NT6220GK	100	38	3900	4450	5000	5600	6200	6850	7550	8300	9050	9850		
					110	43	3500	4000	4550	5100	5700	6350	7000					
OP-HCHC0100U	WD	N	114N2332	NT6222GK	90	32		5900	6650	7450	8200	9000	9850	10650	11450	12300	1300	
					95	35		5600	6350	7100	7800	8600	9350	10150	10950	11750		
					100	38			6000	6700	7400	8150	8900	9650	10400	11150		
					110	43				6100	6750	7400	8100	8800				

Test condition

Return gas temperature 65°F
Subcooling 5°F

Electrical code

B: Compressor & fan(s) 115V, 1 ph, 60 Hz
N: Compressor & fan(s) 230V, 1 ph, 60 Hz

Version

WA: Power cord
WB: Power cord, Receiver
WC: BX, Receiver
WD: BX, Receiver, Low pressure control

HP rating in hundredths of HP, ie.: 033=1/3hp, (OP-UCGC0100U:0100=1hp)
Power consumption referred at 90°F ambient temperature

Model no	Condenser fan		Receiver lbs @ 90%	Dimensions (in) ⁽¹⁾					Weight (lbs)		MCA (A)	Oil Type / Charge (oz)	Wiring diagram code ⁽²⁾
	Fan blade 0 (in)			Figure	Height H (in)	Width W (in)	Depth D (in)	Suction line	Liquid line	Gross			
OP-UCHC0020R	9	-	-	1	10.2	12.3	14	3/8" F	1/4" F	39	5.2	POE / 9	119-3987
OP-UCHC0025R	9		2.16	2	10.3	13.5	17	3/8" F	1/4" F	50	6.2	POE / 11	119-3987
OP-UCHC0033R	9		2.16	2	10.3	13.5	17	3/8" F	1/4" F	49	7.6	POE / 11	119-3987
OP-UCHC0050R	10		2.16	3	11.8	13.5	17	3/8" F	1/4" F	60	11.8	POE / 19	119-3993
								1/2" F			4.3		119-3995
OP-HCHC0060U	12		4	3	14	16.3	19	3/8" F	1/4" F	70	14.1	POE / 20	119-3983
											7.1		119-3995
OP-HCHC0075U	12		4	3	13.3	17	19	1/2" S	1/4" F	78	22.5	POE / 20	119-3992
				4							9.4		119-3990
OP-HCHC0100U	12		4	4	13.3	16.9	19	1/2" S	1/4" F	91	10.8	POE / 20	119-3990

⁽¹⁾ Dimensions (in) available on pages 29-36

⁽²⁾ Wiring diagram available on pages 25-28
For spare parts, see pages 22-24

Fan	Model no	Version	Electrical code	Code no	Compressor model	Amb. temp.		Capacity range in (btu/hr) at evaporating temperature										Power consumption [W] at evap. temp. -10 F
						°F	°C	0	5	10	15	20	25	30	35	40	45	
								-17.8	-15.0	-12.2	-9.4	-6.7	-3.9	-1.1	1.7	4.4	7.2	
Single fan	OP-HCZC0150U	WE	N	114N6301	MTZ18	90	32	6350	7450	8650	9900	11150	12500	13950	15450	16900	18500	1200
		95		35		5950	7000	8150	9300	10550	11850	13200	14600	16050	17550			
		100		38		5550	6550	7600	8750	9900	11150	12450	13800	15100	16550			
		110		43		4700	5600	6550	7600	8600	9750	10900	12100	13300	14600			
	OP-HCZC0150U	WE	Q	114N6302	MTZ18	90	32	6350	7450	8650	9900	11150	12500	13950	15450	16900	18500	1200
		95		35		5950	7000	8150	9300	10550	11850	13200	14600	16050	17550			
		100		38		5550	6550	7600	8750	9900	11150	12450	13800	15100	16550			
		110		43		4700	5600	6550	7600	8600	9750	10900	12100	13300	14600			
	OP-HCZC0150U	WE	R	114N6303	MTZ18	90	32	6350	7450	8650	9900	11150	12500	13950	15450	16900	18500	1200
		95		35		5950	7000	8150	9300	10550	11850	13200	14600	16050	17550			
		100		38		5550	6550	7600	8750	9900	11150	12450	13800	15100	16550			
		110		43		4700	5600	6550	7600	8600	9750	10900	12100	13300	14600			
	OP-HCZC0200U	WE	N	114N6304	MTZ22	90	32	8800	10050	11400	12850	14300	15850	17450	19100	20700	22450	1300
		95		35		8300	9550	10800	12150	13550	15000	16500	18050	19600	21200			
		100		38		7800	8950	10200	11450	12750	14150	15550	17000	18450	20000			
		110		43		6800	7800	8900	10000	11150	12350	13600	14900	16150	17500			
	OP-HCZC0200U	WE	Q	114N6305	MTZ22	90	32	8800	10050	11400	12850	14300	15850	17450	19100	20700	22450	1300
		95		35		8300	9550	10800	12150	13550	15000	16500	18050	19600	21200			
		100		38		7800	8950	10200	11450	12750	14150	15550	17000	18450	20000			
		110		43		6800	7800	8900	10000	11150	12350	13600	14900	16150	17500			
	OP-HCZC0200U	WE	R	114N6306	MTZ22	90	32	8800	10050	11400	12850	14300	15850	17450	19100	20700	22450	1300
		95		35		8300	9550	10800	12150	13550	15000	16500	18050	19600	21200			
		100		38		7800	8950	10200	11450	12750	14150	15550	17000	18450	20000			
		110		43		6800	7800	8900	10000	11150	12350	13600	14900	16150	17500			
OP-HCZC0250U	WE	N	114N6308	MTZ28	90	32	11250	12850	14500	16250	18000	19950	22000	24100	26200	28550	1700	
	95		35		10650	12200	13700	15400	17100	18950	20900	22900	24900	27150				
	100		38		10000	11500	12950	14550	16150	17950	19750	21700	23600	25700				
	110		43		8750	10050	11400	12850	14250	15850	17500	19250	21000					
OP-HCZC0250U	WE	Q	114N6309	MTZ28	90	32	11250	12850	14500	16250	18000	19950	22000	24100	26200	28550	1700	
	95		35		10650	12200	13700	15400	17100	18950	20900	22900	24900	27150				
	100		38		10000	11500	12950	14550	16150	17950	19750	21700	23600	25700				
	110		43		8750	10050	11400	12850	14250	15850	17500	19250	21000					
OP-HCZC0250U	WE	R	114N6310	MTZ28	90	32	11250	12850	14500	16250	18000	19950	22000	24100	26200	28550	1700	
	95		35		10650	12200	13700	15400	17100	18950	20900	22900	24900	27150				
	100		38		10000	11500	12950	14550	16150	17950	19750	21700	23600	25700				
	110		43		8750	10050	11400	12850	14250	15850	17500	19250	21000					
OP-HCZC0275U	WE	N	114N6316	MTZ36	90	32	13300	15250	17200	19350	21450	23750	26100	28550	30950	33550	2050	
	95		35		12500	14350	16200	18200	20250	22450	24650	27000	29350	31800				
	100		38		11700	13450	15200	17150	19050	21100	23250	25500	27700					
	110		43		10100	11650	13250	15000	16700	18550	20500							
OP-HCZC0275U	WE	Q	114N6317	MTZ36	90	32	13300	15250	17200	19350	21450	23750	26100	28550	30950	33550	2050	
	95		35		12500	14350	16200	18200	20250	22450	24650	27000	29350	31800				
	100		38		11700	13450	15200	17150	19050	21100	23250	25500	27700					
	110		43		10100	11650	13250	15000	16700	18550	20500							
OP-HCZC0275U	WE	R	114N6318	MTZ36	90	32	13300	15250	17200	19350	21450	23750	26100	28550	30950	33550	2050	
	95		35		12500	14350	16200	18200	20250	22450	24650	27000	29350	31800				
	100		38		11700	13450	15200	17150	19050	21100	23250	25500	27700					
	110		43		10100	11650	13250	15000	16700	18550	20500							

Test condition
 Return gas temperature 65°F
 Subcooling 5°F

Electrical code
N: Compressor & fan(s) 230V, 1 ph, 60 Hz
Q: Compressor 208-230V, 3ph, 60 Hz / Fan(s) 230V, 1ph, 60 Hz
R: Compressor 460V, 3ph, 60 Hz / Fan(s) 230V, 1ph, 60 Hz

Version
WE: BX, Receiver, Dual pressure control,
 Fan cycling control, larger than 3 HP dual fan units use
 KPU fan cycling control
WF: WE + Filter drier, sight glass, solenoid valve with coil

HP rating in hundredths of HP, i.e.: 033=1/3hp, (OP-UCGC0100U:0100=1hp)
 Power consumption referred at 90°F ambient temperature

Model no	Condenser fan	Receiver lbs @ 90%	Dimensions (in) ⁽¹⁾						Weight (lbs)	MCA (A)	Oil Type / Charge (oz)	Wiring diagram code ⁽²⁾
	Fan blade Ø (in)		Figure	Height H (in)	Width W (in)	Depth D (in)	Suction line	Liquid line	Gross			
OP-HCZC0150U	14	7	6 6a	16.3	20.1	25	½" S	⅜" S	130	14	POE / 29	119-6401
OP-HCZC0150U	14	7	6 6a	16.3	20.1	25	½" S	⅜" S	130	9	POE / 29	119-6403
OP-HCZC0150U	14	7	6 6a	16.3	20.1	25	½" S	⅜" S	130	6	POE / 29	119-6406
OP-HCZC0200U	14	7	6 6a	16.3	20.1	25	½" S	⅜" S	130	17	POE / 29	119-6401
OP-HCZC0200U	14	7	6 6a	16.3	20.1	25	½" S	⅜" S	130	11	POE / 29	119-6403
OP-HCZC0200U	14	7	6 6a	16.3	20.1	25	½" S	⅜" S	130	6	POE / 29	119-6406
OP-HCZC0250U	14	7	6 6a	17.4	27.6	19.7	⅝" S	⅜" S	140	24	POE / 29	119-6401
OP-HCZC0250U	14	7	6 6a	17.4	27.6	19.7	⅝" S	⅜" S	140	16	POE / 29	119-6403
OP-HCZC0250U	14	7	6 6a	17.4	27.6	19.7	⅝" S	⅜" S	140	8	POE / 29	119-6406
OP-HCZC0275U	14	7	6 6a	17.4	27.6	19.7	⅝" S	⅜" S	150	28	POE / 29	119-6401
OP-HCZC0275U	14	7	6 6a	17.4	27.6	19.7	⅝" S	⅜" S	150	17	POE / 29	119-6403
OP-HCZC0275U	14	7	6 6a	17.4	27.6	19.7	⅝" S	⅜" S	150	9	POE / 29	119-6406

⁽¹⁾ Dimensions (in) available on pages 29-36

⁽²⁾ Wiring diagram available on pages 25-28
For spare parts, see pages 22-24

Fan	Model no	Version	Electrical code	Code no	Compressor model	Amb. temp.		Capacity range in (btu/hr) at evaporating temperature										Power consumption [W] at evap. temp. -10 F	
						°F	°C	0	5	10	15	20	25	30	35	40	45		
								-17.8	-15.0	-12.2	-9.4	-6.7	-3.9	-1.1	1.7	4.4	7.2		
Single fan	OP-HCZC0300U	WE	N	114N6320	MTZ40	90	32	15800	18100	20450	22950	25500	28300	31150	34150	37100	40300	2350	
				95		35	14850	17050	19300	21700	24150	26800	29500	32350	35200	38250			
		WF		114N6420		100	38	13900	16000	18150	20450	22750	25250	27850	30550	33250	36200		
	OP-HCZC0300U	WE	Q	114N6321	MTZ40	90	32	15800	18100	20450	22950	25500	28300	31150	34150	37100	40300	2350	
				95		35	14850	17050	19300	21700	24150	26800	29500	32350	35200	38250			
		WF		114N6421		100	38	13900	16000	18150	20450	22750	25250	27850	30550	33250	36200		
	OP-HCZC0300U	WE	R	114N6322	MTZ40	90	32	15800	18100	20450	22950	25500	28300	31150	34150	37100	40300	2350	
				95		35	14850	17050	19300	21700	24150	26800	29500	32350	35200	38250			
		WF		114N6422		100	38	13900	16000	18150	20450	22750	25250	27850	30550	33250	36200		
	Two fan	OP-HGZC0400U	WE	N	114N6327	MTZ50	90	32	20050	23100	26100	29450	32800	36500	40400	44500	48550	53100	3150
					95		35	18800	21700	24600	27800	31000	34600	38300	42200	46150	50500		
			WF		114N6427		100	38	17550	20300	23050	26150	29200	32600	36150	39900	43700	47850	
			110		43		15000	17500	20050	22800	25600	28700	31900	35350	38800				
OP-HGZC0400U		WE	Q	114N6328	MTZ50	90	32	20050	23100	26100	29450	32800	36500	40400	44500	48550	53100	3150	
				95		35	18800	21700	24600	27800	31000	34600	38300	42200	46150	50500			
		WF		114N6428		100	38	17550	20300	23050	26150	29200	32600	36150	39900	43700	47850		
				110		43	15000	17500	20050	22800	25600	28700	31900	35350	38800				
OP-HGZC0400U		WE	R	114N6329	MTZ50	90	32	20050	23100	26100	29450	32800	36500	40400	44500	48550	53100	3150	
				95		35	18800	21700	24600	27800	31000	34600	38300	42200	46150	50500			
		WF		114N6429		100	38	17550	20300	23050	26150	29200	32600	36150	39900	43700	47850		
				110		43	15000	17500	20050	22800	25600	28700	31900	35350	38800				
OP-HGZC0500U		WE	N	114N6335	MTZ64	90	32	24150	27700	31200	35050	38900	43150	47500	52100	56650	61600	3900	
				95		35	22600	25950	29300	32950	36600	40650	44800	49150	53500	58250			
		WF		114N6435		100	38	21000	24200	27350	30850	34300	38150	42100	46200	50350	54850		
				110		43	17900	20750	23550	26650	29750	33200	36700	40400	44100				
OP-HGZC0500U		WE	Q	114N6336	MTZ64	90	32	24150	27700	31200	35050	38900	43150	47500	52100	56650	61600	3900	
				95		35	22600	25950	29300	32950	36600	40650	44800	49150	53500	58250			
		WF		114N6436		100	38	21000	24200	27350	30850	34300	38150	42100	46200	50350	54850		
				110		43	17900	20750	23550	26650	29750	33200	36700	40400	44100				
OP-HGZC0500U		WE	R	114N6337	MTZ64	90	32	24150	27700	31200	35050	38900	43150	47500	52100	56650	61600	3900	
				95		35	22600	25950	29300	32950	36600	40650	44800	49150	53500	58250			
		WF		114N6437		100	38	21000	24200	27350	30850	34300	38150	42100	46200	50350	54850		
				110		43	17900	20750	23550	26650	29750	33200	36700	40400	44100				
OP-HGZC0700U	WE	Q	114N6340	MTZ80	90	32	32650	37000	41400	46200	51050	56350	61800	67500	73400	79250	5150		
			95		35	30750	34900	39100	43700	48250	53300	58550	64000	69600					
	WF		114N6440		100	38	28800	32800	36750	41100	45450	50300	55250	60400	65750				
			110		43	25050	28600	32150	36050	39950	44250	48750	53450						
OP-HGZC0700U	WE	R	114N6341	MTZ80	90	32	32650	37000	41400	46200	51050	56350	61800	67500	73400	79250	5150		
			95		35	30750	34900	39100	43700	48250	53300	58550	64000	69600					
	WF		114N6441		100	38	28800	32800	36750	41100	45450	50300	55250	60400	65750				
			110		43	25050	28600	32150	36050	39950	44250	48750	53450						

Test condition

Return gas temperature 65°F
Subcooling 5°F

Electrical code

N: Compressor & fan(s) 230V, 1 ph, 60 Hz
Q: Compressor 208-230V, 3ph, 60 Hz / Fan(s) 230V, 1ph, 60 Hz
R: Compressor 460V, 3ph, 60 Hz / Fan(s) 230V, 1ph, 60 Hz

Version

WE: BX, Receiver, Dual pressure control, Fan cycling control, larger than 3 HP dual fan units use KPU fan cycling control
WF: WE + Filter drier, sight glass, solenoid valve with coil

HP rating in hundredths of HP, i.e.: 033=1/3hp, (OP-UCGC0100U:0100=1hp)
Power consumption referred at 90°F ambient temperature

Model no	Condenser fan	Receiver lbs @ 90%	Dimensions (in) ⁽¹⁾						Weight (lbs)	MCA (A)	Oil Type / Charge (oz)	Wiring diagram code ⁽²⁾
	Fan blade Ø (in)		Figure	Height H (in)	Width W (in)	Depth D (in)	Suction line	Liquid line	Gross			
OP-HCZC0300U	18	7	6 6a	21.4	31.5	24	5/8" S	3/8" S	150	40	POE / 29	119-6401
OP-HCZC0300U	18	7	6 6a	21.4	31.5	24	5/8" S	3/8" S	150	23	POE / 29	119-6403
OP-HCZC0300U	18	7	6 6a	21.4	31.5	24	5/8" S	3/8" S	150	12	POE / 29	119-6406
OP-HGZC0400U	14	15	8 8a	21.8	39.4	27.6	7/8" S	1/2" S	210	36	POE / 63	119-6402
OP-HGZC0400U	14	15	8 8a	21.8	39.4	27.6	7/8" S	1/2" S	210	24	POE / 63	119-6404
OP-HGZC0400U	14	15	8 8a	21.8	39.4	27.6	7/8" S	1/2" S	210	12	POE / 63	119-6405
OP-HGZC0500U	18	18.5	8 8a	26.6	47.2	31.5	7/8" S	1/2" S	300	52	POE / 63	119-6402
OP-HGZC0500U	18	18.5	8 8a	26.6	47.2	31.5	7/8" S	1/2" S	300	32	POE / 63	119-6404
OP-HGZC0500U	18	18.5	8 8a	26.6	47.2	31.5	7/8" S	1/2" S	300	16	POE / 63	119-6405
OP-HGZC0700U	18	28	8 8a	26.6	47.2	31.5	1 1/8" S	1/2" S	300	40	POE / 63	119-6404
OP-HGZC0700U	18	28	8 8a	26.6	47.2	31.5	1 1/8" S	1/2" S	300	17	POE / 63	119-6405

⁽¹⁾Dimensions (in) available on pages 29-36

⁽²⁾Wiring diagram available on pages 25-28
For spare parts, see pages 22-24

Fan	Model no	Version	Electrical code	Code no	Compressor model	Amb. temp.		Capacity range in (btu/hr) at evaporating temperature								Power consumption [W] at evap. temp. -10 F		
						°F	°C	0	5	10	15	20	25	30	35		40	45
								-17.8	-15.0	-12.2	-9.4	-6.7	-3.9	-1.1	1.7		4.4	7.2
Two fan	OP-HGZC0900U	WE	Q	114N6342	MTZ100	90	32	39750	45800	51850	58650	65500	73100	81050	89400	98050	5900	
						95	35	37200	43000	48800	55300	61800	69100	76700	84700	92950		
		WF		114N6442		100	38	34700	40200	45700	51900	58100	65050	72350	80000	87900		
						110	43	29750	34700	39700	45300	50900	57200	63800	70800	78000		
	OP-HGZC0900U	WE	R	114N6343	MTZ100	90	32	39750	45800	51850	58650	65500	73100	81050	89400	98050	5900	
						95	35	37200	43000	48800	55300	61800	69100	76700	84700	92950		
		WF		114N6443		100	38	34700	40200	45700	51900	58100	65050	72350	80000	87900		
						110	43	29750	34700	39700	45300	50900	57200	63800	70800	78000		
	OP-HGZC1000U	WE	Q	114N6345	MTZ125	90	32	50550	57400	64200	71800	79350	87750	96500	105650	115050	7550	
						95	35	47550	54050	60600	67850	75100	83100	91450	100250	109200		
		WF		114N6445		100	38	44500	50700	56950	63850	70750	78400	86400	94800	103350		
						110	43	38450	44100	49750	56000	62250	69150	76400	84050	91900		
	OP-HGZC1000U	WE	R	114N6346	MTZ125	90	32	50550	57400	64200	71800	79350	87750	96500	105650	115050	7550	
						95	35	47550	54050	60600	67850	75100	83100	91450	100250	109200		
		WF		114N6446		100	38	44500	50700	56950	63850	70750	78400	86400	94800	103350		
						110	43	38450	44100	49750	56000	62250	69150	76400	84050	91900		
	OP-HGZC1200U	WE	Q	114N6348	MTZ144	90	32	58250	65800	73350	81650	89950	99100	108650	118550	128800	8650	
						95	35	54750	62000	69200	77100	85050	93850	102900	112400	122050		
		WF		114N6448		100	38	51300	58150	65000	72550	80150	88500	97150	106250	115500		
						110	43	44450	50600	56750	63600	70400	77950	85800	94000	102500		
	OP-HGZC1200U	WE	R	114N6349	MTZ144	90	32	58250	65800	73350	81650	89950	99100	108650	118550	128800	8650	
						95	35	54750	62000	69200	77100	85050	93850	102900	112400	122050		
		WF		114N6449		100	38	51300	58150	65000	72550	80150	88500	97150	106250	115500		
						110	43	44450	50600	56750	63600	70400	77950	85800	94000	102500		
OP-HGZC1350	WE	Q	114N6351	MTZ160	90	32	62300	70100	77900	86500	95100	104500	114200	124450	134750	9750		
					95	35	58600	66050	73500	81700	89900	98900	108200	117900	127850			
	WF		114N6451		100	38	54900	62000	69100	76900	84750	93300	102200	111450	121000			
					110	43	47650	54100	60500	67550	74600	82400	90400	98900				
OP-HGZC1350	WE	R	114N6352	MTZ160	90	32	62300	70100	77900	86500	95100	104500	114200	124450	134750	9750		
					95	35	58600	66050	73500	81700	89900	98900	108200	117900	127850			
	WF		114N6452		100	38	54900	62000	69100	76900	84750	93300	102200	111450	121000			
					110	43	47650	54100	60500	67550	74600	82400	90400	98900				

Test condition

Return gas temperature 65°F
Subcooling 5°F

Electrical code

Q: Compressor 208-230V, 3ph, 60 Hz / Fan(s) 230V, 1ph, 60 Hz
R: Compressor 460V, 3ph, 60 Hz / Fan(s) 230V, 1ph, 60 Hz

Version

WE: BX, Receiver, Dual pressure control, Fan cycling control, larger than 3 HP dual fan units use KPU fan cycling control
WF: WE + Filter drier, sight glass, solenoid valve with coil

HP rating in hundredths of HP, i.e.: 033=1/3hp, (OP-UCGC0100U:0100=1hp)
Power consumption referred at 90°F ambient temperature

Model no	Condenser fan		Receiver lbs @ 90%	Dimensions (in) ⁽¹⁾					Weight (lbs)		MCA (A)	Oil Type / Charge (oz)	Wiring diagram code ⁽²⁾
	Fan blade Ø (in)			Figure	Height H (in)	Width W (in)	Depth D (in)	Suction line	Liquid line	Gross			
OP-HGZC0900U	22		33	9 9a	34.4	34.3	59.1	1 1/8" S	1/2" S	500	50	POE / 132	119-6404
OP-HGZC0900U	22		33	9 9a	34.4	34.3	59.1	1 1/8" S	1/2" S	500	26	POE / 132	119-6405
OP-HGZC1000U	22		33	9 9a	34.4	34.3	59.1	1 1/8" S	1/2" S	500	60	POE / 132	119-6404
OP-HGZC1000U	22		33	9 9a	34.4	34.3	59.1	1 1/8" S	1/2" S	500	30	POE / 132	119-6405
OP-HGZC1200U	22		33	9 9a	34.4	34.3	59.1	1 1/8" S	1/2" S	510	69	POE / 132	119-6404
OP-HGZC1200U	22		33	9 9a	34.4	34.3	59.1	1 1/8" S	1/2" S	510	33	POE / 132	119-6405
OP-HGZC1350	22		40	9 9a	34.4	34.3	59.1	1 1/8" S	1/2" S	540	75	POE / 132	119-6404
OP-HGZC1350	22		40	9 9a	34.4	34.3	59.1	1 1/8" S	1/2" S	540	38	POE / 132	119-6405

⁽¹⁾ Dimensions (in) available on pages 29-36

⁽²⁾ Wiring diagram available on pages 25-28
For spare parts, see pages 22-24

Fan	Model no	Version	Electrical code	Code no	Compressor model	Amb. temp.		Capacity range in (btu/hr) at evaporating temperature										Power consumption [W] at evap. temp. -10 F	
						°F	°C	-40	-35	-30	-25	-20	-15	-10	-5	0	5		10
								-40.0	-37.2	-34.4	-31.7	-28.9	-26.1	-23.3	-20.6	-17.8	-15.0		-12.2
Single fan	OP-UHC0020R	WA	B	114N2316	TF4CLX	90	32	350	400	450	550	600	700	800	900	1000	1100	1250	200
						95	35	300	350	450	500	550	650	750	850	950	1050	1200	
						100	38	300	350	400	450	550	600	700	800	900	1000	1100	
						110	43	250	300	350	400	500	550	650	700	800	900		
	OP-UHC0025R	WB	B	114N2318	NF5.5CLX	90	32	600	700	800	900	1050	1200	1350	1500	1650	1850	2050	300
						95	35	550	650	750	900	1000	1150	1250	1400	1600	1750	1950	
						100	38	550	600	700	850	950	1050	1200	1350	1500	1650	1850	
						110	43	450	550	650	750	850	950	1100	1250	1350	1550	1700	
	OP-UHC0033R	WB	B	114N2321	NF7CLX	90	32	750	850	1000	1100	1300	1450	1650	1800	2050	2250	2500	400
						95	35	700	800	950	1050	1200	1400	1550	1750	1950	2150	2400	
						100	38	650	750	850	1000	1150	1300	1450	1650	1850	2050	2250	
						110	43	550	650	750	900	1000	1150	1350	1500				
	OP-UHC0050R	WB	B	114N2324	SC10CL	90	32			1100	1300	1500	1700	1900	2150	2400	2700	2950	500
						95	35			1000	1200	1400	1600	1850	2050	2300	2550	2850	
						100	38			900	1100	1300	1500	1750	1950	2200	2450	2700	
						110	43			750	950	1150	1350	1550	1750	2000	2250	2500	
	OP-LHC0050U	WC	N	114N2325	SC10CL	90	32	1050	1250	1450	1700	1950	2200	2500	2800	3150	3450	3850	650
						95	35	950	1150	1350	1600	1850	2100	2400	2650	3000	3300	3650	
						100	38	850	1050	1250	1500	1700	2000	2250	2500	2800	3150	3450	
						110	43	700	900	1100	1300	1500	1750	2000	2300	2550	2850	3150	
OP-LHC0060U	WC	B	114N2335	SC15CLX.2	90	32	1350	1550	1850	2100	2400	2700	3050	3400	3800	4200	4600	700	
					95	35	1250	1450	1700	1950	2250	2550	2900	3200	3600	3950	4350		
	N	114N2336	SC15CLX.2	100	38	1150	1350	1600	1850	2100	2400	2700	3050	3400	3750	4100			
				110	43	950	1150	1400	1600	1850	2150	2400	2700	3050	3350				
OP-LHC0075U	WC	B	114N2337	NT2178GK	90	32	1450	1800	2150	2550	2950	3400	3900	4400	4950	5550	6200	850	
					95	35	1400	1750	2100	2450	2900	3350	3800	4300	4850	5450	6100		
		N	114N2338	NT2178GK	100	38		1650	2000	2400	2800	3250	3750	4250	4800	5350	6000		
					110	43							3100	3600	4100	4650	5200		
OP-LHC0100U	WD	N	114N2339	NJ2192GK	90	32	1700	2250	2800	3400	4000	4650	5350	6000	6800	7550	8400	1150	
					95	35	1550	2100	2650	3200	3850	4500	5150	5850	6600	7400	8250		
					100	38		1900	2500	3050	3650	4300	5000	5700	6450	7250	8100		
					110	43							4000	4700	5400	6150	7000		

Test condition

Return gas temperature 65°F
Subcooling 5°F

Electrical code

B: Compressor & fan(s) 115V, 1 ph, 60 Hz
N: Compressor & fan(s) 230V, 1 ph, 60 Hz

Version

WA: Power cord
WB: Power cord, Receiver
WC: BX, Receiver
WD: BX, Receiver, Low pressure control

HP rating in hundredths of HP, ie.: 033=1/3hp, (OP-UCGC0100U:0100=1hp)
Power consumption referred at 90°F ambient temperature

Model no	Condenser fan	Receiver lbs @ 90%	Dimensions (in) ⁽¹⁾						Weight (lbs)	MCA (A)	Oil Type / Charge (oz)	Wiring diagram code ⁽²⁾
	Fan blade Ø (in)		Figure	Height H (in)	Width W (in)	Depth D (in)	Suction line	Liquid line	Gross			
OP-UCHC0020R	9	-	1	10.2	12.3	14	⅜" F	¼" F	39	5.2	POE / 9.5	119-3987
OP-UCHC0025R	9	2.16	2	10.3	13.5	17	⅜" F	¼" F	50	6.2	POE / 10.8	119-3987
OP-UCHC0033R	9	2.16	2	10.3	13.5	17	⅜" F	¼" F	49	7.6	POE / 10.8	119-3987
OP-UCHC0050	10	2.16	3	11.8	13.5	17	⅜" F	¼" F	60	11.8	POE / 18.6	119-3993
									58	4.3		119-3995
OP-LCHC0050R	10	2.16	3	11.9	13.5	17.3	½" F	¼" F	58	11.8	POE / 18.6	119-3993
OP-LCHC0060U	10	2.16	3	11.8	13.5	17	⅜" F	¼" F	58	14.2	POE / 18.6	119-3983
										6.3		119-3990
OP-LCHC0075U	10	4	4	11.9	13.3	18	½" F	¼" F	76	12.2	POE / 19.6	119-3992
							⅝" F			5.5		119-3990
OP-LCHC0100U	12	4	4	13.4	17.5	19	½" F	½" F	105	8	POE / 30.1	119-3990

⁽¹⁾ Dimensions (in) available on pages 29-36

⁽²⁾ Wiring diagram available on pages 25-28
For spare parts, see pages 22-24

Fan	Model no	Version	Electrical code	Code no	Compressor model	Amb. temp.		Capacity range in (btu/hr) at evaporating temperature										Power consumption [W] at evap. temp. -10 F	
						°F	°C	-40	-35	-30	-25	-20	-15	-10	-5	0	5		10
								-40.0	-37.2	-34.4	-31.7	-28.9	-26.1	-23.3	-20.6	-17.8	-15.0		-12.2
Single fan	OP-LCZC0151U	WE	N	114N6701	NTZ048A	90	32	2900	3650	4450	5250	6200	7150	8200	9250	10400	11600	12850	1550
		WF		114N6725		95	35	2650	3350	4100	4900	5750	6700	7700	8650	9750	10900	12050	
						100	38	2400	3050	3800	4550	5350	6250	7150	8100	9100	10200	11300	
	OP-LCZC0151U	WE	Q	114N6702	NTZ048A	90	32	2900	3650	4450	5250	6200	7150	8200	9250	10400	11600	12850	1550
		WF		114N6726		95	35	2650	3350	4100	4900	5750	6700	7700	8650	9750	10900	12050	
						100	38	2400	3050	3800	4550	5350	6250	7150	8100	9100	10200	11300	
	OP-LCZC0151U	WE	R	114N6703	NTZ048A	90	32	2900	3650	4450	5250	6200	7150	8200	9250	10400	11600	12850	1550
		WF		114N6727		95	35	2650	3350	4100	4900	5750	6700	7700	8650	9750	10900	12050	
						100	38	2400	3050	3800	4550	5350	6250	7150	8100	9100	10200	11300	
	OP-LCZC0201U	WE	N	114N6705	NTZ068A	90	32	4950	5950	7000	8050	9250	10450	11750	13050	14400	15800	17200	2350
						95	35	4600	5500	6550	7550	8650	9850	11050	12250	13550	14850	16200	
		WF		114N6729		100	38	4250	5150	6100	7050	8100	9200	10350	11500	12700	13950	15200	
						110	43	3600	4400	5250	6100	7050	8050	9050	10050	11100	12200	13300	
	OP-LCZC0201U	WE	Q	114N6706	NTZ068A	90	32	4950	5950	7000	8050	9250	10450	11750	13050	14400	15800	17200	2350
						95	35	4600	5500	6550	7550	8650	9850	11050	12250	13550	14850	16200	
		WF		114N6730		100	38	4250	5150	6100	7050	8100	9200	10350	11500	12700	13950	15200	
						110	43	3600	4400	5250	6100	7050	8050	9050	10050	11100	12200	13300	
	OP-LCZC0201U	WE	R	114N6707	NTZ068A	90	32	4950	5950	7000	8050	9250	10450	11750	13050	14400	15800	17200	2350
						95	35	4600	5500	6550	7550	8650	9850	11050	12250	13550	14850	16200	
		WF		114N6731		100	38	4250	5150	6100	7050	8100	9200	10350	11500	12700	13950	15200	
						110	43	3600	4400	5250	6100	7050	8050	9050	10050	11100	12200	13300	
	OP-LCZC0301U	WE	N	114N6709	NTZ108A	90	32	6100	7600	9250	10900	12700	14600	16550	18400	20350	22300	24250	3700
				95		35	5650	7050	8600	10200	11900	13650	15450	17200	19050	20850	22650		
				WF		114N6733	100	38	5150	6500	8000	9450	11050	12700	14400	16050	17750	19400	
OP-LCZC0301U	WE	Q	114N6710	NTZ108A	90	32	6100	7600	9250	10900	12700	14600	16550	18400	20350	22300	24250	3700	
					95	35	5650	7050	8600	10200	11900	13650	15450	17200	19050	20850	22650		
	WF		114N6734		100	38	5150	6500	8000	9450	11050	12700	14400	16050	17750	19400	21050		
					110	43	4150	5400	6700	8000	9400	10800	12250	13650	15100	16550	17900		
OP-LCZC0301U	WE	R	114N6711	NTZ108A	90	32	6100	7600	9250	10900	12700	14600	16550	18400	20350	22300	24250	3700	
			95		35	5650	7050	8600	10200	11900	13650	15450	17200	19050	20850	22650			
			WF		114N6735	100	38	5150	6500	8000	9450	11050	12700	14400	16050	17750	19400		21050
					110	43	4150	5400	6700	8000	9400	10800	12250	13650	15100	16550	17900		

Test condition

Return gas temperature 65°F
Subcooling 5°F

Electrical code

N: Compressor & fan(s) 230V, 1 ph, 60 Hz
Q: Compressor 208-230V, 3ph, 60 Hz / Fan(s) 230V, 1ph, 60 Hz
R: Compressor 460V, 3ph, 60 Hz / Fan(s) 230V, 1ph, 60 Hz

Version

WE: BX, Receiver, Dual pressure control, Fan cycling control, larger than 3 HP dual fan units use KPU fan cycling control
WF: WE + Filter drier, sight glass, solenoid valve with coil

HP rating in hundredths of HP, i.e.: 033=1/3hp, (OP-UCGC0100U:0100=1hp)
Power consumption referred at 90°F ambient temperature

Model no	Condenser fan		Receiver lbs @ 90%	Dimensions (in) ⁽¹⁾					Weight (lbs)		MCA (A)	Oil Type / Charge (oz)	Wiring diagram code ⁽²⁾
	Fan blade Ø (in)			Figure	Height H (in)	Width W (in)	Depth D (in)	Suction line	Liquid line	Gross			
OP-LCZC0151U	14		10	6 6a	16.3	20.1	25	½" S	⅜" S	130	18	POE / 28.7	119-6401
OP-LCZC0151U	14		10	6 6a	16.3	20.1	25	½" S	⅜" S	130	11	POE / 28.7	119-6403
OP-LCZC0151U	14		10	6 6a	16.3	20.1	25	½" S	⅜" S	130	5	POE / 28.7	119-6406
OP-LCZC0201U	14		10	6 6a	16.3	20.1	25	⅝" S	⅜" S	130	24	POE / 28.7	119-6401
OP-LCZC0201U	14		10	6 6a	16.3	20.1	25	⅝" S	⅜" S	130	19	POE / 28.7	119-6403
OP-LCZC0201U	14		10	6 6a	16.3	20.1	25	⅝" S	⅜" S	130	6	POE / 28.7	119-6406
OP-LCZC0301U	14		10	7 7a	17.4	27.5	27	⅞" S	½" S	150	32	POE / 62.6	119-6401
OP-LCZC0301U	14		10	7 7a	17.4	27.5	27	⅞" S	½" S	150	21	POE / 62.6	119-6403
OP-LCZC0301U	14		10	7 7a	17.4	27.5	27	⅞" S	½" S	150	10	POE / 62.6	119-6406

⁽¹⁾ Dimensions (in) available on pages 29-36

⁽²⁾ Wiring diagram available on pages 25-28
 For spare parts, see pages 22-24

Fan	Model no	Version	Electrical code	Code no	Compressor model	Amb. temp.		Capacity range in (btu/hr) at evaporating temperature										Power consumption [W] at evap. temp. -10 F		
						°F	°C	-40	-35	-30	-25	-20	-15	-10	-5	0	5		10	
								-40.0	-37.2	-34.4	-31.7	-28.9	-26.1	-23.3	-20.6	-17.8	-15.0		-12.2	
Two fan	OP-LGZC0401U	WE	N	114N6713	NTZ136A	90	32	8900	10950	13100	15350	17850	20500	23250	26050	29000	32100	35300	4850	
		95				35	8150	10100	12200	14350	16750	19250	21900	24550	27400	30300	33300			
		100				38	7450	9300	11300	13400	15650	18050	20550	23050	25750	28500	31350			
			WF		114N6737		110	43	6000	7750	9550	11400	13450	15600	17850	20100	22500	24950	27450	
			WE	Q	114N6714	NTZ136A	90	32	8900	10950	13100	15350	17850	20500	23250	26050	29000	32100	35300	4850
	95	35	8150				10100	12200	14350	16750	19250	21900	24550	27400	30300	33300				
	100	38	7450				9300	11300	13400	15650	18050	20550	23050	25750	28500	31350				
			WF		114N6738		110	43	6000	7750	9550	11400	13450	15600	17850	20100	22500	24950	27450	
			WE	R	114N6715	NTZ136A	90	32	8900	10950	13100	15350	17850	20500	23250	26050	29000	32100	35300	4850
	95	35	8150				10100	12200	14350	16750	19250	21900	24550	27400	30300	33300				
	100	38	7450				9300	11300	13400	15650	18050	20550	23050	25750	28500	31350				
			WF		114N6739		110	43	6000	7750	9550	11400	13450	15600	17850	20100	22500	24950	27450	
			WE	Q	114N6717	NTZ215A	90	32	14100	16950	20100	23300	26850	30550	34500	38450	42650	47050	51500	6650
	95	35	12850				15600	18600	21650	25050	28600	32300	36050	40050	44200	48400				
	100	38	11600				14250	17100	20050	23250	26600	30150	33650	37450	41300	45300				
			WF		114N6741		110	43	9100	11500	14100	16700	19600	22600	25750	28850	32200	35600	39050	
			WE	R	114N6718	NTZ215A	90	32	14100	16950	20100	23300	26850	30550	34500	38450	42650	47050	51500	6650
	95	35	12850				15600	18600	21650	25050	28600	32300	36050	40050	44200	48400				
	100	38	11600				14250	17100	20050	23250	26600	30150	33650	37450	41300	45300				
			WF		114N6742		110	43	9100	11500	14100	16700	19600	22600	25750	28850	32200	35600	39050	
			WE	Q	114N6720	NTZ271A	90	32	19050	22600	26400	30250	34450	38800	43300	47700	52350	57050	61700	8850
	95	35	17650				21050	24650	28300	32250	36400	40600	44750	49100	53450	57850				
	100	38	16300				19500	22900	26400	30100	33950	37900	41800	45850	49900	53950				
			WF		114N6744		110	43	13550	16400	19450	22500	25750	29100	32550	35850	39350	42800	46200	
		WE	R	114N6721	NTZ271A	90	32	19050	22600	26400	30250	34450	38800	43300	47700	52350	57050	61700	8850	
95	35	17650				21050	24650	28300	32250	36400	40600	44750	49100	53450	57850					
100	38	16300				19500	22900	26400	30100	33950	37900	41800	45850	49900	53950					
		WF		114N6745		110	43	13550	16400	19450	22500	25750	29100	32550	35850	39350	42800	46200		

Test condition

Return gas temperature 65°F
Subcooling 5°F

Electrical code

N: Compressor & fan(s) 230V, 1 ph, 60 Hz
Q: Compressor 208-230V, 3ph, 60 Hz / Fan(s) 230V, 1ph, 60 Hz
R: Compressor 460V, 3ph, 60 Hz / Fan(s) 230V, 1ph, 60 Hz

Version

WE: BX, Receiver, Dual pressure control, Fan cycling control, larger than 3 HP dual fan units use KPU fan cycling control
WF: WE + Filter drier, sight glass, solenoid valve with coil

HP rating in hundredths of HP, i.e.: 033=1/3hp, (OP-UCGC0100U:0100=1hp)
Power consumption referred at 90°F ambient temperature

Model no	Condenser fan		Receiver lbs @ 90%	Dimensions (in) ⁽¹⁾					Weight (lbs)		MCA (A)	Oil Type / Charge (oz)	Wiring diagram code ⁽²⁾
	Fan blade Ø (in)			Figure	Height H (in)	Width W (in)	Depth D (in)	Suction line	Liquid line	Gross			
OP-LGZC0401U	14	17.5	8	21.8	39.4	27.6	7/8" S	1/2" S	210	36	POE / 62.6	119-6402	
			8a										
OP-LGZC0401U	14	17.5	8	21.8	39.4	27.6	7/8" S	1/2" S	210	78	POE / 62.6	119-6404	
			8a										
OP-LGZC0401U	14	17.5	8	21.8	39.4	27.6	7/8" S	1/2" S	210	12	POE / 62.6	119-6405	
			8a										
OP-LGZC0601U	18	26	9	26.4	47.2	31.5	1 1/8" S	1/2" S	300	43	POE / 131.9	119-6404	
			9a										
OP-LGZC0601U	18	26	9	26.4	47.2	31.5	1 1/8" S	1/2" S	300	17	POE / 131.9	119-6405	
			9a										
OP-LGZC0751U	18	26	9	26.4	47.2	31.5	1 1/8" S	1/2" S	300	53	POE / 131.9	119-6404	
			9a										
OP-LGZC0751U	18	26	9	26.4	47.2	31.5	1 1/8" S	1/2" S	300	22	POE / 131.9	119-6405	
			9a										

⁽¹⁾Dimensions (in) available on pages 29-36

⁽²⁾Wiring diagram available on pages 25-28
For spare parts, see pages 22-24

Opty™ condensing unit R134a - MBP

Code no	Model no	Compressor		Fan motor	Fan blade	Condenser	Low pressure switch	Start capacitor	Run capacitor	Relay
		Model	Code no							
114N2016	OP-UCGC0017RWA000B	TL4G	195B0003	119-5661	119-5671	119-3176	N/A	119-7769	N/A	119-7763
114N2017	OP-UCGC0020RWA000B	NF6.1FX2	195B0560	119-5662	119-5670	119-3069	N/A	119-7770	N/A	119-7760
114N2019	OP-UCGC0025RWB000B	NF7.3FX2	195B0586	119-5662	119-5670	119-3069	N/A	119-7770	N/A	119-7758
114N2022	OP-HCGC0033RWB000B	NF11FX	195B0388	119-5662	119-5669	119-3170	N/A	119-7771	N/A	119-7759
114N2023	OP-UCGC0050RWC000B	SC18G	195B0276	119-5663	119-5672	119-8047	N/A	119-7771	N/A	119-7757
114N2025	OP-HCGC0055RWB000B	NT6215Z	119-8027	119-5663	119-5672	119-8047	N/A	119-8073	N/A	119-8098
114N2026	OP-HCGC0055UWC000B	NT6215Z	119-8027	119-5663	119-5672	119-8047	N/A	119-8074	N/A	119-8099
114N2027	OP-HCGC0075UWC000B	NJ6220Z	119-8028	119-5660	119-5674	119-8058	N/A	119-8075	N/A	119-8100
114N2028	OP-HCGC0075UWC000N	NJ6220Z	119-8029	119-5659	119-5674	119-8058	N/A	119-8076	N/A	119-8101
114N2029	OP-HCGC0100UWD000N	NJ6226Z	119-8030	119-5659	119-5674	191U138110	060-5233	119-8068	119-8087	119-8102

Opty™ condensing unit R404A/R507 - MBP

Code no	Model no	Compressor		Fan motor	Fan blade	Condenser	Low pressure switch	Fan cycling switch	Start capacitor	Run capacitor	Relay
		Model	Code no								
114N2316	UCHC0020RWA000B	TF4CLX	195B0468	119-5662	119-5669	119-3170	N/A	N/A	119-7770	N/A	119-7762
114N2318	UCHC0025RWB000B	NF5.5CLX	195B0348	119-5662	119-5669	119-8046	N/A	N/A	119-7770	N/A	119-7758
114N2321	UCHC0033RWC000B	NF7CLX	195B0672	119-5662	119-5669	119-8046	N/A	N/A	119-7768	N/A	119-7761
114N2324	UCHC0050RWC000B	SC10CL	195B0147	119-5663	119-5672	119-8047	N/A	N/A	119-7769	N/A	119-7766
114N2325	UCHC0050RWC000N	SC10CL	195B0671	119-5665	119-5672	119-8047	N/A	N/A	119-7767	N/A	119-7764
114N2328	HCHC0060UWC000B	SC12MLX	195B0510	119-5660	119-5674	119-3175	N/A	N/A	119-7771	N/A	119-7757
114N2329	HCHC0060UWC000N	SC12MLX	195B0323	119-5659	119-5674	119-3175	N/A	N/A	119-7767	N/A	119-7765
114N2330	HCHC0075UWC000B	SC18MLX	195B0306	119-5660	119-5674	119-8058	N/A	N/A	119-7771	N/A	119-7757
114N2331	HCHC0075UWC000N	NT6220GK	119-8034	119-5659	119-5674	119-8058	N/A	N/A	119-8077	119-8088	119-8103
114N2332	HCHC0100UWD000N	NT6222GK	119-8035	119-5659	119-5674	119-8058	060-5233	N/A	119-8078	119-8085	119-8103
114N6301	HCZC0150UWE300N	MTZ18	MTZ18-1VI	119-5625	119-5605	119-5608	060-5250	060-5242	119-4654	119-5617	119-5616
114N6401	HCZC0150UWF300N	MTZ18	MTZ18-1VI	119-5625	119-5605	119-5608	060-5250	060-5242	119-4654	119-5617	119-5616
114N6302	HCZC0150UWE300Q	MTZ18	MTZ18-3VI	119-5625	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6402	HCZC0150UWF300Q	MTZ18	MTZ18-3VI	119-5625	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6303	HCZC0150UWE300R	MTZ18	MTZ18-4VI	119-5628	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6403	HCZC0150UWF300R	MTZ18	MTZ18-4VI	119-5628	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6304	HCZC0200UWE300N	MTZ22	MTZ22-1VI	119-5625	119-5605	119-5608	060-5250	060-5242	119-4654	119-5618	119-5616
114N6404	HCZC0200UWF300N	MTZ22	MTZ22-1VI	119-5625	119-5605	119-5608	060-5250	060-5242	119-4654	119-5618	119-5616
114N6305	HCZC0200UWE300Q	MTZ22	MTZ22-3VI	119-5625	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6405	HCZC0200UWF300Q	MTZ22	MTZ22-3VI	119-5625	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6306	HCZC0200UWE300R	MTZ22	MTZ22-4VI	119-5628	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6406	HCZC0200UWF300R	MTZ22	MTZ22-4VI	119-5628	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6308	HCZC0250UWE300N	MTZ28	MTZ28-1VI	119-5625	119-5605	191U131601	060-5250	060-5242	119-5636	119-5619	119-5616
114N6408	HCZC0250UWF300N	MTZ28	MTZ28-1VI	119-5625	119-5605	191U131601	060-5250	060-5242	119-5636	119-5619	119-5616
114N6309	HCZC0250UWE300Q	MTZ28	MTZ28-3VI	119-5625	119-5605	191U131601	060-5250	060-5242	N/A	N/A	N/A
114N6409	HCZC0250UWF300Q	MTZ28	MTZ28-3VI	119-5625	119-5605	191U131601	060-5250	060-5242	N/A	N/A	N/A
114N6310	HCZC0250UWE300R	MTZ28	MTZ28-4VI	119-5628	119-5605	191U131601	060-5250	060-5242	N/A	N/A	N/A
114N6410	HCZC0250UWF300R	MTZ28	MTZ28-4VI	119-5628	119-5605	191U131601	060-5250	060-5242	N/A	N/A	N/A
114N6316	HCZC0275UWE300N	MTZ36	MTZ36-1VI	119-5625	119-5605	191U131601	060-5250	060-5242	119-4654	119-5618	119-5616
114N6416	HCZC0275UWF300N	MTZ36	MTZ36-1VI	119-5625	119-5605	191U131601	060-5250	060-5242	119-4654	119-5618	119-5616
114N6317	HCZC0275UWE300Q	MTZ36	MTZ36-3VI	119-5625	119-5605	191U131601	060-5250	060-5242	N/A	N/A	N/A
114N6417	HCZC0275UWF300Q	MTZ36	MTZ36-3VI	119-5625	119-5605	191U131601	060-5250	060-5242	N/A	N/A	N/A
114N6318	HCZC0275UWE300R	MTZ36	MTZ36-4VI	119-5628	119-5605	191U131601	060-5250	060-5242	N/A	N/A	N/A
114N6418	HCZC0275UWF300R	MTZ36	MTZ36-4VI	119-5628	119-5605	191U131601	060-5250	060-5242	N/A	N/A	N/A
114N6320	HCZC0300UWE300N	MTZ40	MTZ40-1VI	119-5624	119-5606	191U131701	060-5250	060-5242	119-4654	119-5620	119-5616

Opty™ condensing unit R404A/R507 - MBP

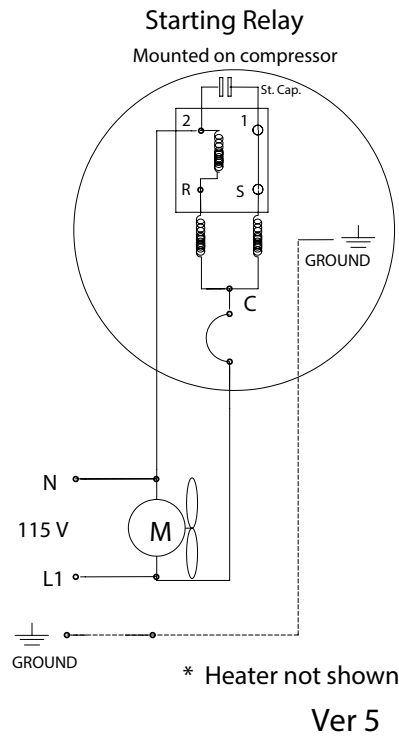
Code no	Model no	Compressor		Fan motor	Fan blade	Condenser	Low pressure switch	Fan cycling switch	Start capacitor	Run capacitor	Relay
		Model	Code no								
114N6420	HCZC0300UWF300N	MTZ40	MTZ40-1VI	119-5624	119-5606	191U131701	060-5250	060-5242	119-4654	119-5620	119-5616
114N6321	HCZC0300UWE300Q	MTZ40	MTZ40-3VI	119-5624	119-5606	191U131701	060-5250	060-5242	N/A	N/A	N/A
114N6421	HCZC0300UWF300Q	MTZ40	MTZ40-3VI	119-5624	119-5606	191U131701	060-5250	060-5242	N/A	N/A	N/A
114N6322	HCZC0300UWE300R	MTZ40	MTZ40-4VI	119-5623	119-5606	191U131701	060-5250	060-5242	N/A	N/A	N/A
114N6422	HCZC0300UWF300R	MTZ40	MTZ40-4VI	119-5623	119-5606	191U131701	060-5250	060-5242	N/A	N/A	N/A
114N6327	HGZC0400UWE300N	MTZ50	MTZ50-1VI	119-5625	119-5605	191U131701	060-5250	060-5242	119-5636	119-5618	119-5616
114N6427	HGZC0400UWF300N	MTZ50	MTZ50-1VI	119-5625	119-5605	191U131701	060-5250	060-5242	119-5636	119-5618	119-5616
114N6328	HGZC0400UWE300Q	MTZ50	MTZ50-3VI	119-5625	119-5605	191U131701	060-5250	060-5242	N/A	N/A	N/A
114N6428	HGZC0400UWF300Q	MTZ50	MTZ50-3VI	119-5625	119-5605	191U131701	060-5250	060-5242	N/A	N/A	N/A
114N6329	HGZC0400UWE300R	MTZ50	MTZ50-4VI	119-5628	119-5605	191U131701	060-5250	060-5242	N/A	N/A	N/A
114N6429	HGZC0400UWF300R	MTZ50	MTZ50-4VI	119-5628	119-5605	191U131701	060-5250	060-5242	N/A	N/A	N/A
114N6335	HGZC0500UWE300N	MTZ64	MTZ64-1VI	119-5624	119-5606	191U131001	060-5250	060-5242	119-5635	119-5620	119-5616
114N6435	HGZC0500UWF300N	MTZ64	MTZ64-1VI	119-5624	119-5606	191U131001	060-5250	060-5242	119-5635	119-5620	119-5616
114N6336	HGZC0500UWE300Q	MTZ64	MTZ64-3VI	119-5624	119-5606	191U131001	060-5250	060-5242	N/A	N/A	N/A
114N6436	HGZC0500UWF300Q	MTZ64	MTZ64-3VI	119-5624	119-5606	191U131001	060-5250	060-5242	N/A	N/A	N/A
114N6337	HGZC0500UWE300R	MTZ64	MTZ64-4VI	119-5623	119-5606	191U131001	060-5250	060-5242	N/A	N/A	N/A
114N6437	HGZC0500UWF300R	MTZ64	MTZ64-4VI	119-5623	119-5606	191U131001	060-5250	060-5242	N/A	N/A	N/A
114N6340	HGZC0700UWE300Q	MTZ80	MTZ80-3VI	119-5624	119-5606	191U131201	060-5250	060-5242	N/A	N/A	N/A
114N6440	HGZC0700UWF300Q	MTZ80	MTZ80-3VI	119-5624	119-5606	191U131201	060-5250	060-5242	N/A	N/A	N/A
114N6341	HGZC0700UWE300R	MTZ80	MTZ80-4VI	119-5623	119-5606	191U131201	060-5250	060-5242	N/A	N/A	N/A
114N6441	HGZC0700UWF300R	MTZ80	MTZ80-4VI	119-5623	119-5606	191U131201	060-5250	060-5242	N/A	N/A	N/A
114N6342	HGZC0900UWE300Q	MTZ100	MTZ100-3VI	119-5627	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6442	HGZC0900UWF300Q	MTZ100	MTZ100-3VI	119-5627	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6343	HGZC0900UWE300R	MTZ100	MTZ100-4VI	119-5630	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6443	HGZC0900UWF300R	MTZ100	MTZ100-4VI	119-5630	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6345	HGZC1000UWE300Q	MTZ125	MTZ125-3VI	119-5627	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6445	HGZC1000UWF300Q	MTZ125	MTZ125-3VI	119-5627	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6346	HGZC1000UWE300R	MTZ125	MTZ125-4VI	119-5630	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6446	HGZC1000UWF300R	MTZ125	MTZ125-4VI	119-5630	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6348	HGZC1200UWE300Q	MTZ144	MTZ144-3VI	119-5627	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6448	HGZC1200UWF300Q	MTZ144	MTZ144-3VI	119-5627	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6349	HGZC1200UWE300R	MTZ144	MTZ144-4VI	119-5630	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6449	HGZC1200UWF300R	MTZ144	MTZ144-4VI	119-5630	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6351	HGZC1350UWE300Q	MTZ160	MTZ160-3VI	119-5627	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6451	HGZC1350UWF300Q	MTZ160	MTZ160-3VI	119-5627	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6352	HGZC1350UWE300R	MTZ160	MTZ160-4VI	119-5630	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A
114N6452	HGZC1350UWF300R	MTZ160	MTZ160-4VI	119-5630	119-5607	191U131301	060-5250	060-5242	N/A	N/A	N/A

Optyma™ condensing unit R404A/R507 - LBP

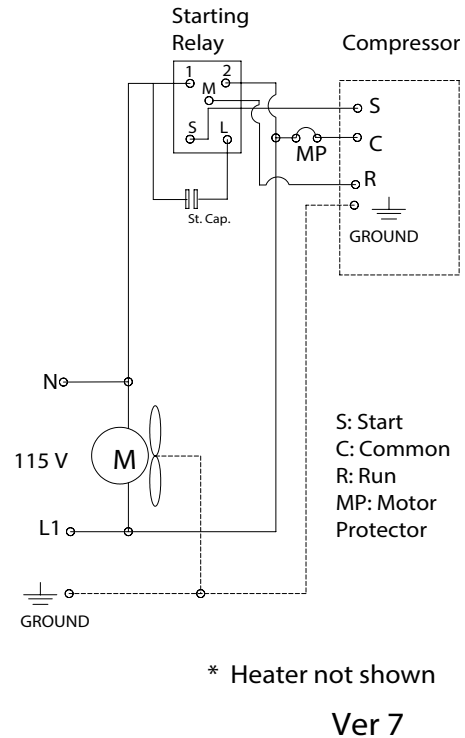
Code no	Model no	Compressor		Fan motor	Fan blade	Condenser	Low pressure switch	Fan cycling switch	Start capacitor	Run capacitor	Relay
		Model	Code no								
114N2316	UCHC0020RWA000B	TF4CLX	195B0468	119-5662	119-5669	119-3170	N/A	N/A	119-7770	N/A	119-7762
114N2318	UCHC0025RWB000B	NF5.5CLX	195B0348	119-5662	119-5669	119-8046	N/A	N/A	119-7770	N/A	119-7758
114N2321	UCHC0033RWC000B	NF7CLX	195B0672	119-5662	119-5669	119-8046	N/A	N/A	119-7768	N/A	119-7761
114N2324	UCHC0050RWC000B	SC10CL	195B0147	119-5663	119-5672	119-8047	N/A	N/A	119-7769	N/A	119-7766
114N2325	UCHC0050RWC000N	SC10CL	195B0671	119-5665	119-5672	119-8047	N/A	N/A	119-7767	N/A	119-7764
114N2389	LCHC0050RWB000B	SC12CLX2	195B0491	119-5663	119-5672	119-8047	N/A	N/A	119-7769	N/A	119-7766
114N2335	LCHC0060RWC000B	SC15CLX2	195B0237	119-5663	119-5672	119-8047	N/A	N/A	119-7771	N/A	119-7757
114N2336	LCHC0060RWC000N	SC15CLX	195B0646	119-5665	119-5672	119-8047	N/A	N/A	119-7756 ¹⁾	119-7756 ¹⁾	119-7756 ¹⁾
114N2337	LCHC0075UWC000B	NT2178GK	119-8031	119-5663	119-5672	119-8047	N/A	N/A	119-8070	119-8089	119-8104
114N2338	LCHC0075UWC000N	NT2178GK	119-8032	119-5665	119-5672	119-8047	N/A	N/A	119-8079	119-8085	119-8105
114N2339	LCHC0100UWD000N	NJ2192GK	119-8033	119-5659	119-5674	119-8058	060-5233	N/A	119-8080	119-8090	119-8106
114N6701	LCZC0151UWE000N	NTZ048A	120F0072	119-5625	119-5605	119-5608	060-5250	060-5242	119-4654	119-5618	119-5616
114N6725	LCZC0151UWF000N	NTZ048A	120F0072	119-5625	119-5605	119-5608	060-5250	060-5242	119-4654	119-5618	119-5616
114N6702	LCZC0151UWE000Q	NTZ048A	120F0026	119-5625	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6726	LCZC0151UWF000Q	NTZ048A	120F0026	119-5625	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6703	LCZC0151UWE000R	NTZ048A	120F0001	119-5628	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6727	LCZC0151UWF000R	NTZ048A	120F0001	119-5628	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6705	LCZC0201UWE000N	NTZ068A	120F0073	119-5625	119-5605	119-5608	060-5250	060-5242	119-5636	119-5619	119-5616
114N6729	LCZC0201UWF000N	NTZ068A	120F0073	119-5625	119-5605	119-5608	060-5250	060-5242	119-5636	119-5619	119-5616
114N6706	LCZC0201UWE000Q	NTZ068A	120F0027	119-5625	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6730	LCZC0201UWF000Q	NTZ068A	120F0027	119-5625	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6707	LCZC0201UWE000R	NTZ068A	120F0002	119-5628	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6731	LCZC0201UWF000R	NTZ068A	120F0002	119-5628	119-5605	119-5608	060-5250	060-5242	N/A	N/A	N/A
114N6709	LCZC0301UWE000N	NTZ108A	120F0075	119-5625	119-5605	191U131601	060-5250	060-5242	119-5636	119-5618	119-5616
114N6733	LCZC0301UWF000N	NTZ108A	120F0075	119-5625	119-5605	191U131601	060-5250	060-5242	119-5636	119-5618	119-5616
114N6710	LCZC0301UWE000Q	NTZ108A	120F0029	119-5625	119-5605	191U131601	060-5250	060-5242	N/A	N/A	N/A
114N6734	LCZC0301UWF000Q	NTZ108A	120F0029	119-5625	119-5605	191U131601	060-5250	060-5242	N/A	N/A	N/A
114N6711	LCZC0301UWE000R	NTZ108A	120F0004	119-5628	119-5605	191U131601	060-5250	060-5242	N/A	N/A	N/A
114N6735	LCZC0301UWF000R	NTZ108A	120F0004	119-5628	119-5605	191U131601	060-5250	060-5242	N/A	N/A	N/A
114N6713	LGZC0401UWE000N	NTZ136A	120F0076	119-5625	119-5605	191U130701	060-5250	060-5242	119-5636	119-5618	119-5616
114N6737	LGZC0401UWF000N	NTZ136A	120F0076	119-5625	119-5605	191U130701	060-5250	060-5242	119-5636	119-5618	119-5616
114N6714	LGZC0401UWE000Q	NTZ136A	120F0030	119-5625	119-5605	191U130701	060-5250	060-5242	N/A	N/A	N/A
114N6738	LGZC0401UWF000Q	NTZ136A	120F0030	119-5625	119-5605	191U130701	060-5250	060-5242	N/A	N/A	N/A
114N6715	LGZC0401UWE000R	NTZ136A	120F0005	119-5628	119-5605	191U130701	060-5250	060-5242	N/A	N/A	N/A
114N6739	LGZC0401UWF000R	NTZ136A	120F0005	119-5628	119-5605	191U130701	060-5250	060-5242	N/A	N/A	N/A
114N6717	LGZC0601UWE000Q	NTZ215A	120F0031	119-5624	119-5606	191U131101	060-5250	060-5242	N/A	N/A	N/A
114N6741	LGZC0601UWF000Q	NTZ215A	120F0031	119-5624	119-5606	191U131101	060-5250	060-5242	N/A	N/A	N/A
114N6718	LGZC0601UWE000R	NTZ215A	120F0006	119-5623	119-5606	191U131101	060-5250	060-5242	N/A	N/A	N/A
114N6742	LGZC0601UWF000R	NTZ215A	120F0006	119-5623	119-5606	191U131101	060-5250	060-5242	N/A	N/A	N/A
114N6720	LGZC0751UWE000Q	NTZ271A	120F0032	119-5624	119-5606	191U131101	060-5250	060-5242	N/A	N/A	N/A
114N6744	LGZC0751UWF000Q	NTZ271A	120F0032	119-5624	119-5606	191U131101	060-5250	060-5242	N/A	N/A	N/A
114N6721	LGZC0751UWE000R	NTZ271A	120F0007	119-5623	119-5606	191U131101	060-5250	060-5242	N/A	N/A	N/A
114N6745	LGZC0751UWF000R	NTZ271A	120F0007	119-5623	119-5606	191U131101	060-5250	060-5242	N/A	N/A	N/A

¹⁾ 119-7756 is a starting device containing start capacitor, run capacitor, and relay

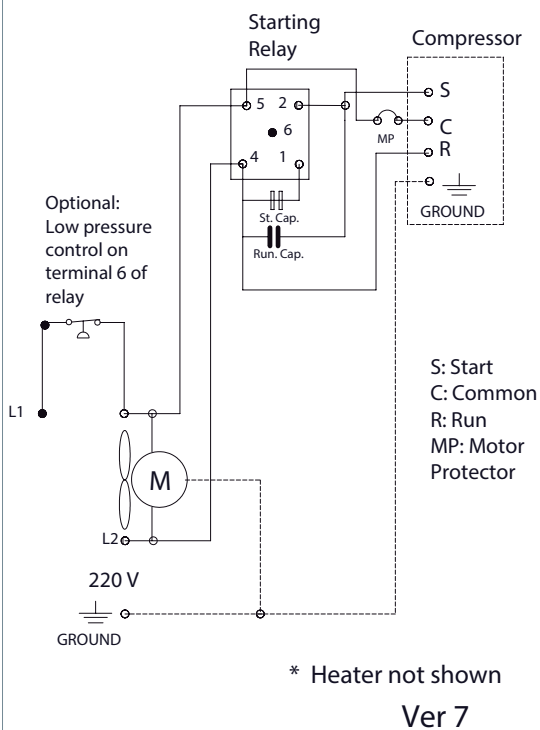
Wiring Diagram 119-3988



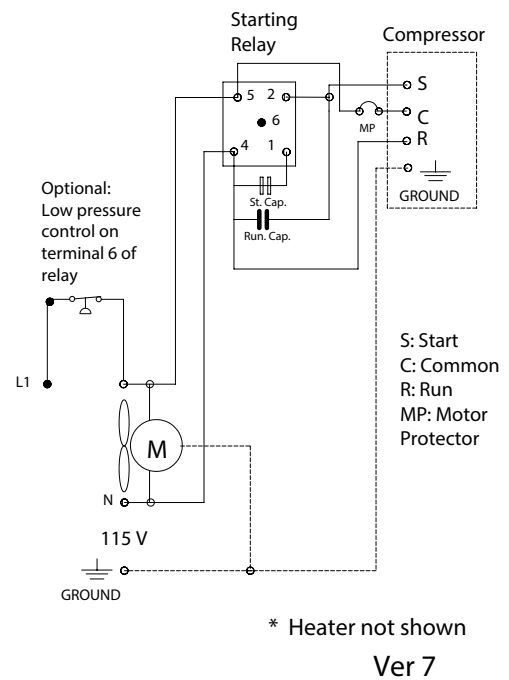
Wiring Diagram 119-3989



Wiring Diagram 119-3990

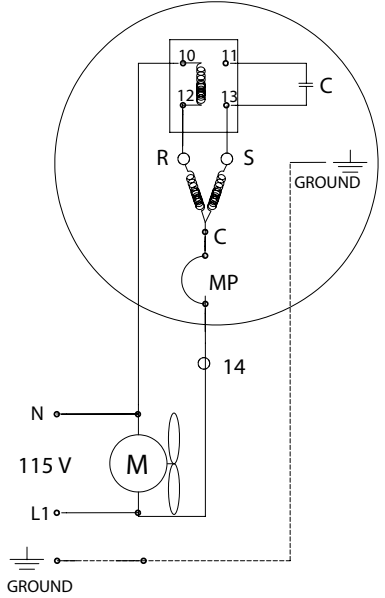


Wiring Diagram 119-3992



Wiring Diagram 119-3993

Starting Relay
Mounted on compressor

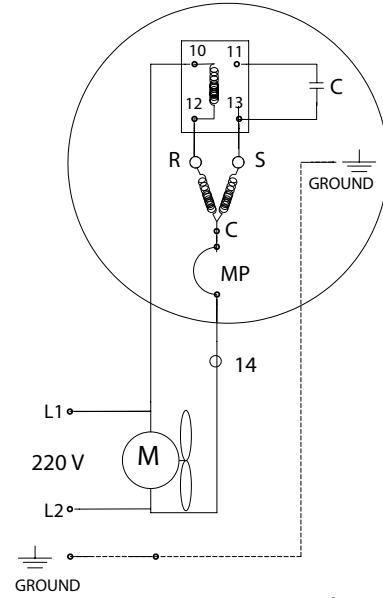


* Heater not shown

Ver 5

Wiring Diagram 119-3995

Starting Relay
Mounted on compressor



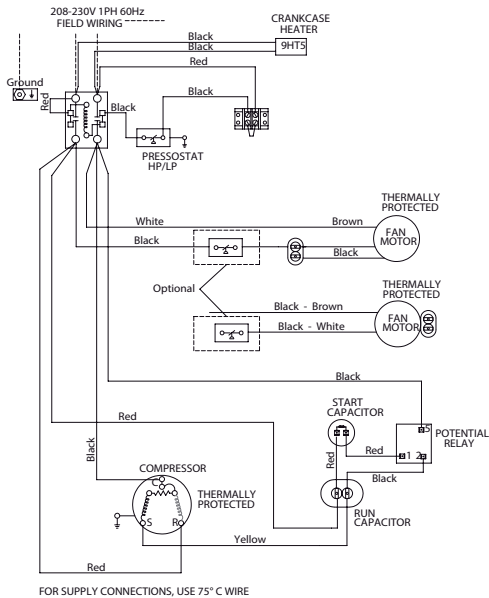
* Heater not shown

Ver 5

Wiring Diagram 119-6401

USE COPPER CONDUCTORS ONLY
POWER SUPPLY THRU FUSED DISCONNECT

230V/PHASE/60Hz - 230V/1Ph/60Hz

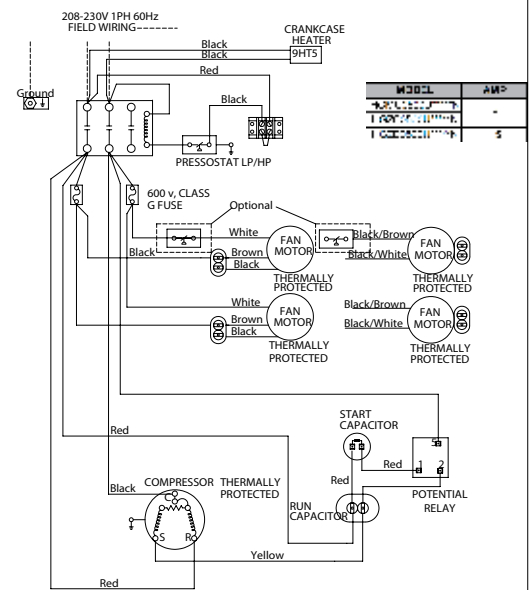


FOR SUPPLY CONNECTIONS, USE 75° C WIRE

Wiring Diagram 119-6402

USE COPPER CONDUCTORS ONLY
POWER SUPPLY THRU FUSED DISCONNECT

380V/PHASE/50Hz - 380V/1Ph/50Hz



FOR SUPPLY CONNECTIONS, USE 75° C WIRE

Figure 1

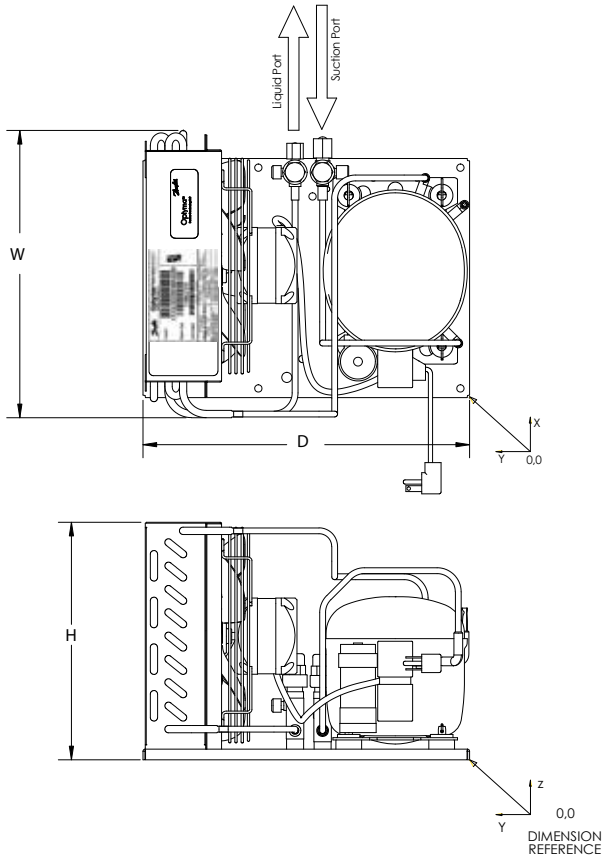


Figure 2

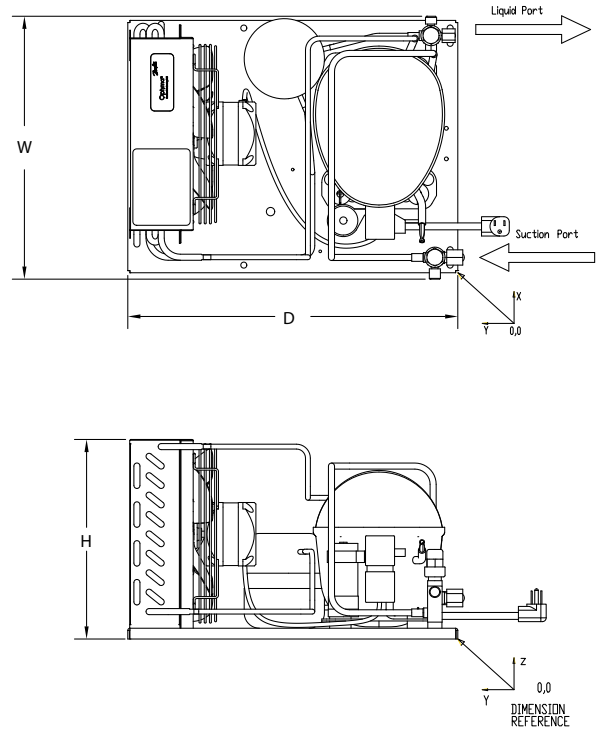


Figure 3

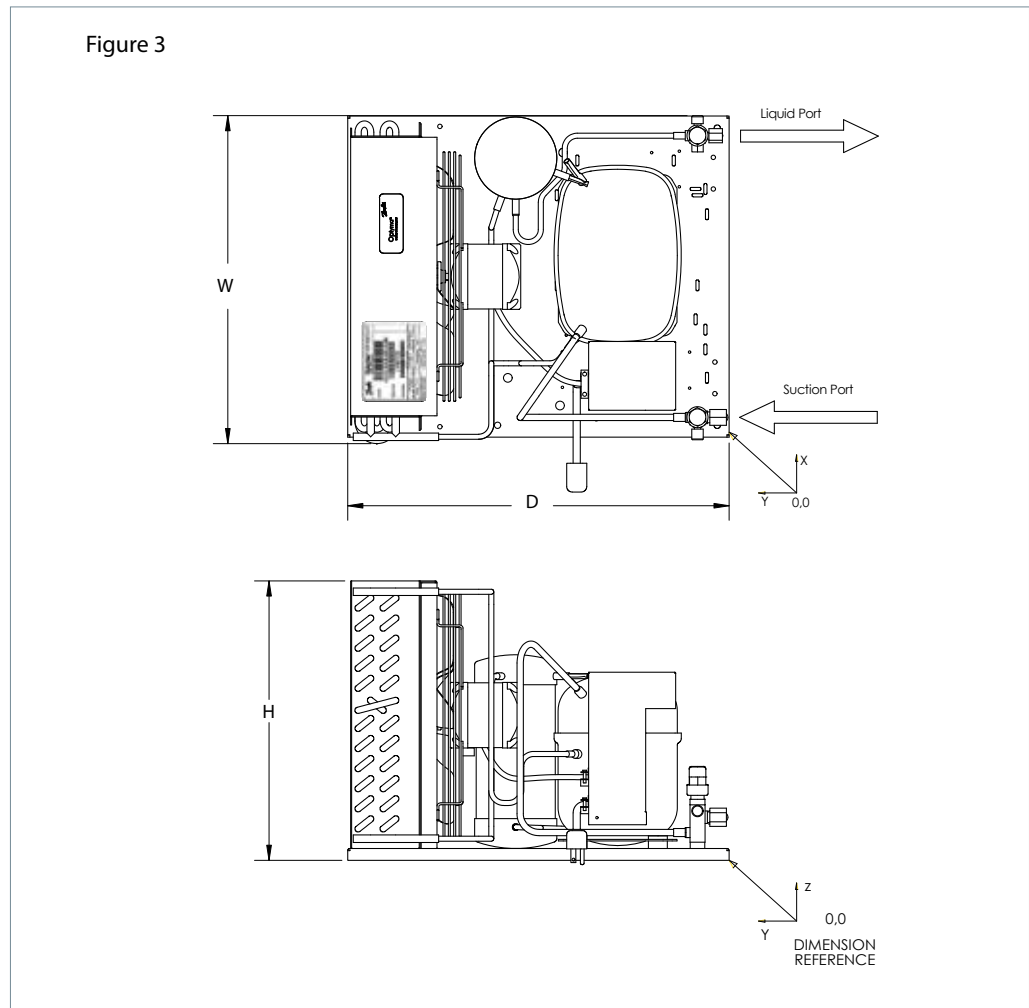
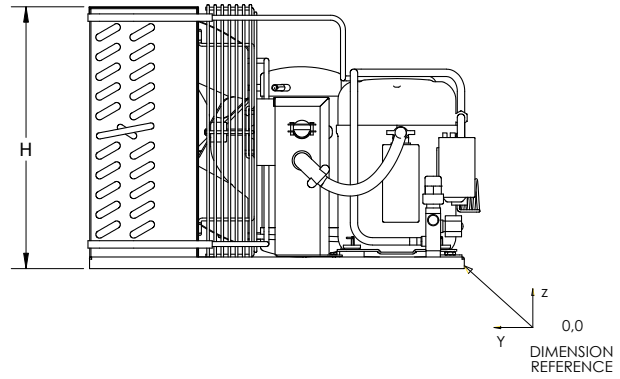
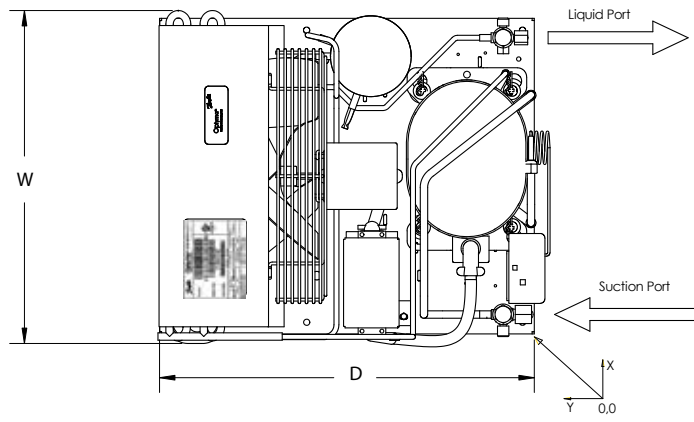


Figure 4



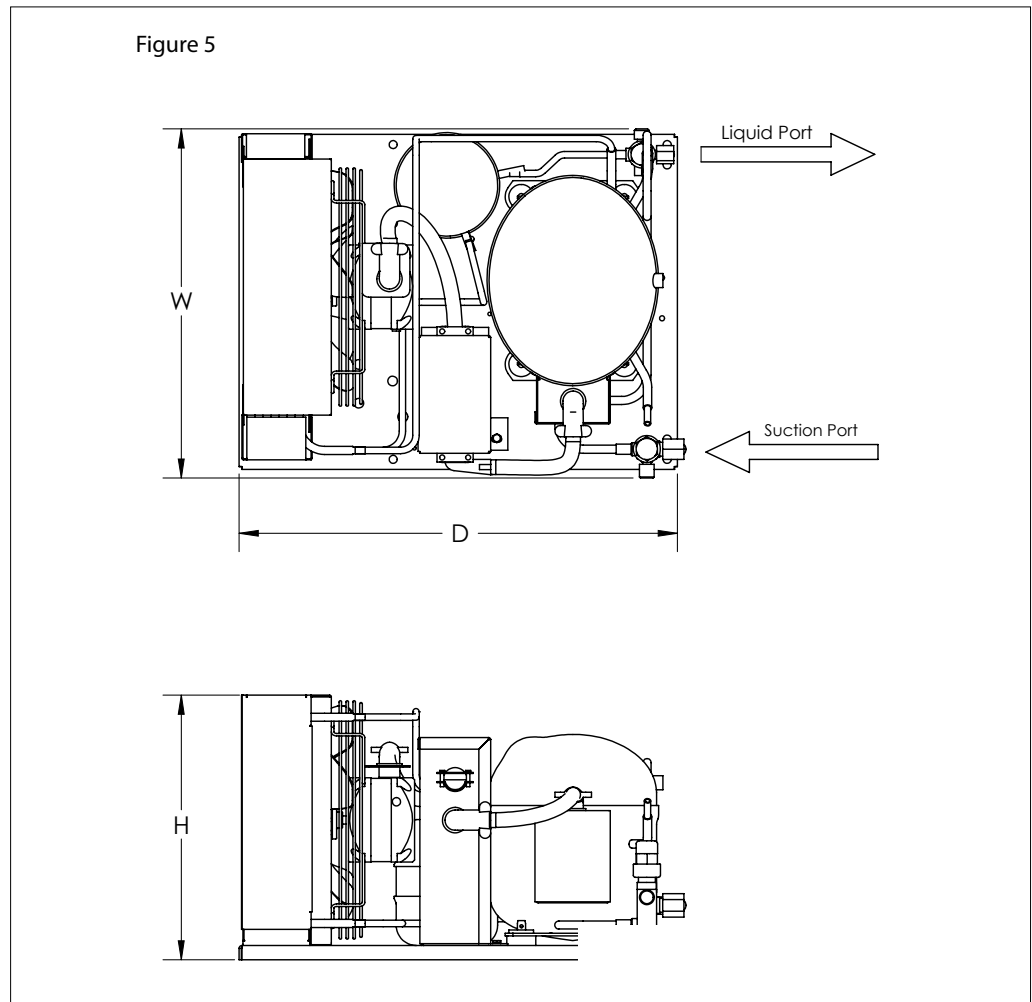


Figure 6

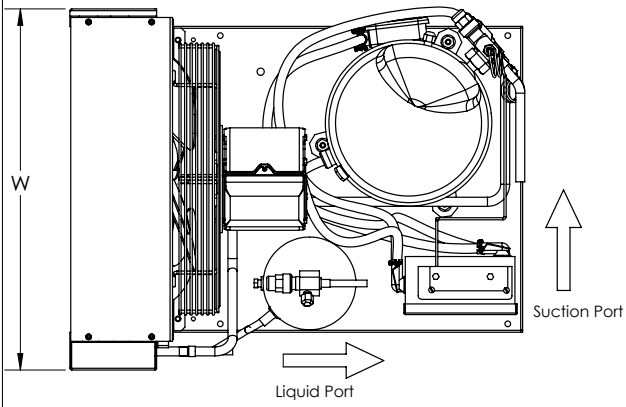


Figure 6a

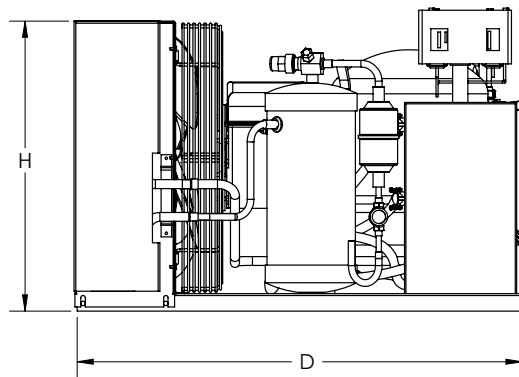
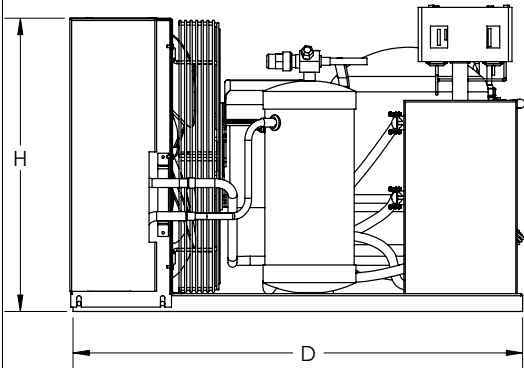
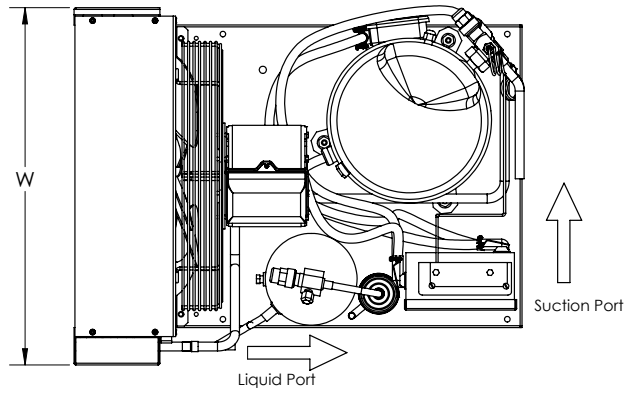


Figure 7

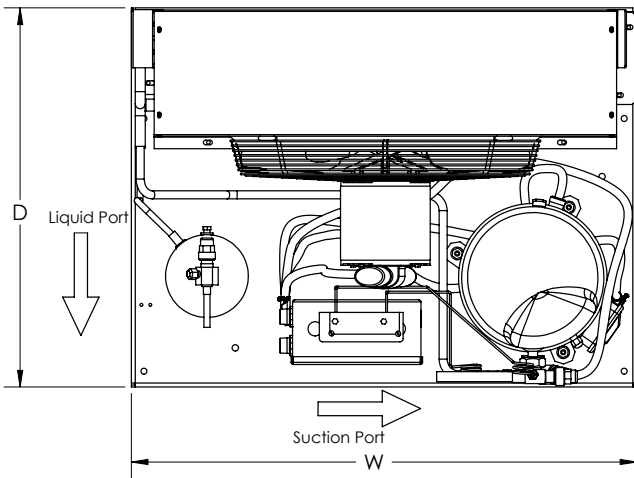
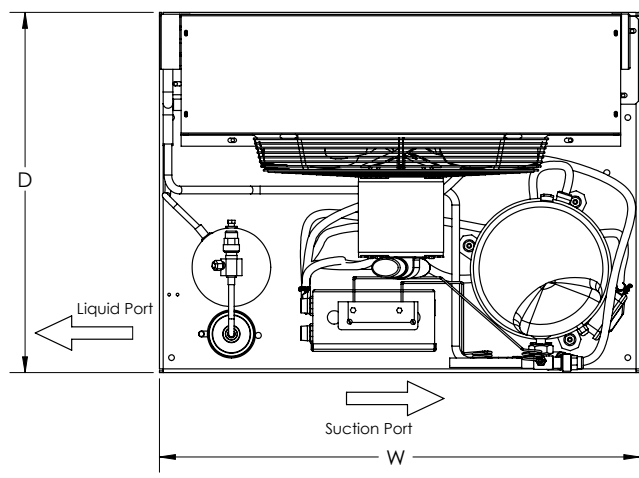


Figure 7a



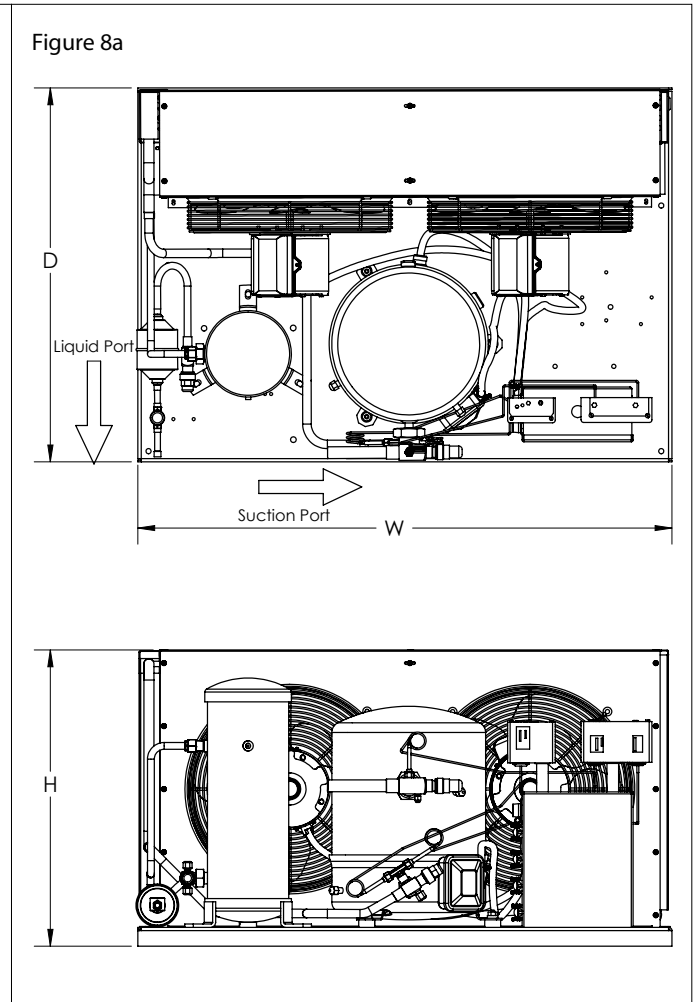
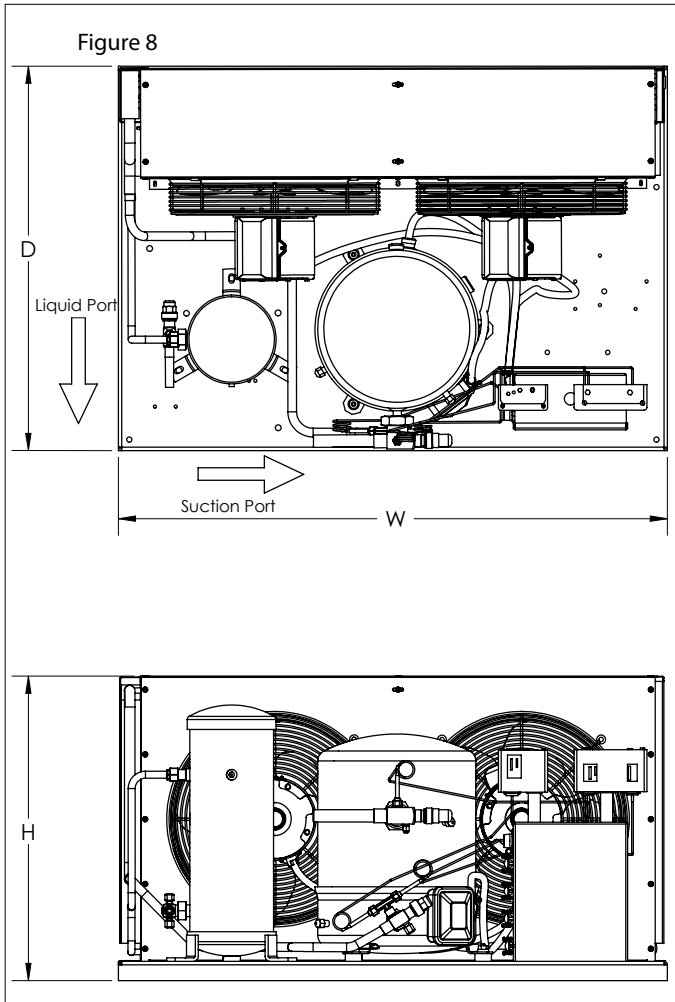


Figure 9

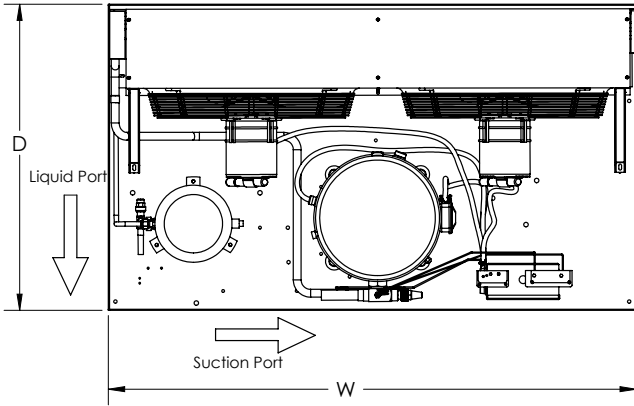
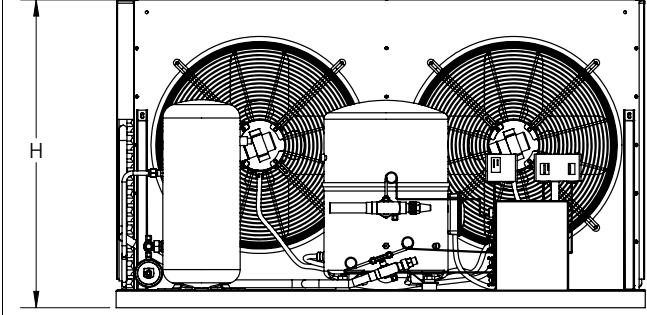
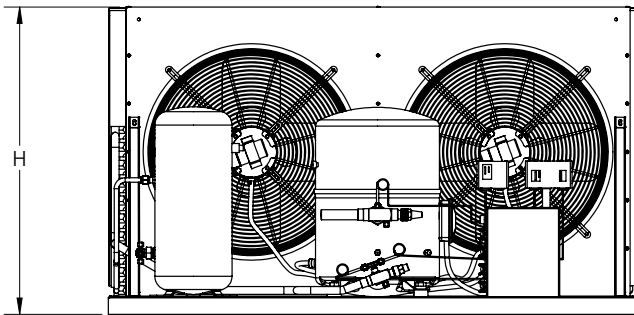
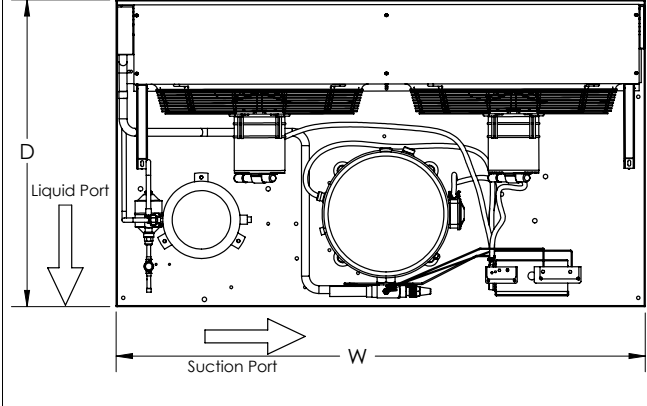


Figure 9a





Fan	Model no	Version	Electrical code	Code no	Compressor model	Amb. temp.		Capacity range in (btu/hr) at evaporating temperature						Power consumption [W] at evap. temp. 25 F	Power consumption [W] at evap. temp. 20 F	
						°F	°C	10	15	20	25	30	35			40
								-12.2	-9.4	-6.7	-3.9	-1.1	1.7			4.4
Single fan	HJZM0150	N Q	114N3456 114N3457	MTZ18	90	32	5200	6050	6950	7950	9100	10350	11700	1100	1100	
					95	35	4900	5700	6600	7600	8700	9900	11200			
					100	38	4600	5400	6250	7200	8250	9450	10750			
					110	43		4750	5550	6450	7450	8550	9750			
					115	46		4400	5200	6050	7000	8100	9250			
	HNUM0200	N Q	114N3460 114N3461	MLZ15	90	32	8700	9900	11200	12600	14100	15750	17450	1500	1500	
					95	35	8450	9600	10900	12300	13750	15350	17000			
					100	38	8200	9350	10600	11950	13400	14950	16550			
					110	43		8750	9950	11200	12600	14050	15650			
					115	46		8450	9600	10850	12200	13650	15150			
	HNUM0250	N Q	114N3462 114N3463	MLZ19	90	32	11050	12600	14250	16000	17900	19900	22050	1850	1850	
					95	35	10700	12200	13850	15550	17400	19400	21500			
					100	38	10350	11850	13400	15100	16950	18850	20900			
					110	43		11050	12550	14200	15900	17750	19700			
					115	46		10650	12100	13700	15400	17150	19050			
	HNUM0300	N Q	114N3464 114N3465	MLZ21	90	32	11700	13350	15100	17000	18950	21100	23300	1900	1900	
					95	35	11300	12950	14700	16550	18500	20550	22700			
					100	38	10950	12550	14250	16050	17950	20000	22100			
					110	43		11700	13350	15100	16900	18800	20850			
					115	46		11250	12850	14550	16350	18200	20150			
	HNUM0350	N Q	114N3466 114N3467	MLZ26	90	32	14700	16700	18900	21250	23800	26550	29400	2150	2150	
					95	35	14250	16200	18400	20700	23200	25850	28650			
					100	38	13800	15750	17850	20100	22550	25150	27900			
					110	43		14700	16700	18900	21200	23700	26300			
115					46		14150	16150	18250	20550	22950	25500				
HNUM0400	N Q	114N3468 114N3469	MLZ30	90	32	17550	19950	22550	25350	28350	31500	34900	2600	2550		
				95	35	17000	19350	21900	24650	27600	30700	34000				
				100	38	16450	18750	21250	23950	26800	29850	33100				
				110	43		17500	19900	22500	25200	28100	31150				
				115	46		16850	19200	21700	24350	27200	30150				

Test condition
Return gas temperature 65°F
Subcooling 5°F

Electrical code
N: Compressor & fan(s) 230V, 1 ph, 60 Hz
Q: Compressor 208-230V, 3ph, 60 Hz
Fan(s) 230V, 1ph, 60 Hz

Version
WG: BX, Receiver, Dual pressure control, Fan speed controller, Defrost Timer, outdoor enclosure (MBP)

HP rating in hundredths of HP, ie.: 033=1/3hp, (OP-UCGC0100U:0100=1hp)
Power consumption referred at 90°F ambient temperature

Model no	Condenser coil			Condenser fan	Receiver volume [Lbs]	Dimensions (in) ⁽¹⁾						Weight (lbs)		MCA (A)	Wiring diagram code ⁽²⁾
	Type	Air flow [CFM]	Int. volume [lbs]	Fan blade Ø (in)		Figure	Height H (in)	Width W (in)	Depth D (in)	Suction line	Liquid line	Gross	Net		
HJZM0150	D8	1410	0.9	14	6.5	1	19.5	43.5	13.4	5/8"	3/8"	176	156	12.6 9.04	119-8312 119-8315
HNUM0200	G8	2825	1.1	18	13	1	22.4	47.4	16.5	7/8"	1/2"	253	227	19.2 14.3	119-8312 119-8313
HNUM0250	G8	2825	1.1	18	13	1	22.4	47.4	16.5	7/8"	1/2"	253	227	26.8 18.6	119-8312 119-8313
HNUM0300	G8	2825	1.1	18	13	1	22.4	47.4	16.5	7/8"	1/2"	253	227	28.7 19	119-8312 119-8313
HNUM0350	J8	3700	2.8	18	17.5	1	28.2	47.4	16.5	7/8"	1/2"	300	271	35.5 22.7	119-8312 119-8313
HNUM0400	J8	3700	2.8	18	17.5	1	28.2	47.4	16.5	7/8"	1/2"	300	271	41.8 26.6	119-8312 119-8313

⁽¹⁾ Dimensions (in) available on page 52
⁽²⁾ Wiring diagram available on pages 50-51
 For spare parts, see pages 48-49

Fan	Model no	Version	Electrical code	Code no	Compressor model	Amb. temp.		Capacity range in (btu/hr) at evaporating temperature							Power consumption [W] at evap. temp. 25 F	Power consumption [W] at evap. temp. 20 F
						°F	°C	10	15	20	25	30	35	40		
								-12.2	-9.4	-6.7	-3.9	-1.1	1.7	4.4		
Two fan	HRUM0500	N	Q	114N3470 114N3471	MLZ38	90	32	20800	23600	26700	30050	33650	37500	41600	2950	2900
						95	35	20200	22950	25950	29250	32750	36550	40550		
						100	38	19600	22250	25200	28400	31850	35550	39500		
						110	43		20900	23700	26700	30000	33500	37250		
						115	46		20200	22900	25850	29000	32450	36050		
	HRUM0600	Q	114N3472	MLZ45	90	32	25500	28850	32550	36500	40700	45200	50000	3450	3400	
					95	35	24650	27900	31500	35350	39450	43850	48500			
					100	38	23750	26950	30400	34150	38200	42450	47000			
					110	43		24900	28200	31750	35550	39550	43850			
	HRUM0700	WG	Q	114N3473	MLZ48	90	32	27000	30500	34350	38450	42850	47500	52450	3700	3600
						95	35	26100	29500	33250	37250	41550	46100	50900		
						100	38	25150	28500	32150	36000	40200	44600	49300		
						110	43		26450	29850	33500	37450	41600	46050		
	HRUM0750	Q	114N3474	MLZ58	90	32	32750	37000	41600	46500	51750	57350	63300	5000	4900	
					95	35	31800	35900	40350	45150	50300	55750	61550			
					100	38	30800	34800	39150	43800	48750	54100	59750			
					110	43		32550	36600	41000	45700	50700	56050			
	HRUM1000	Q	114N3476	MLZ76	90	32	41900	47100	52750	58900	65500	72500	79950	6350	6200	
					95	35	40650	45700	51250	57250	63650	70500	77750			
					100	38	39300	44250	49650	55500	61800	68450	75450			
110					43		41250	46400	51950	57900	64150	70800				
					115	46		39700	44700	50100	55850	61950	68400			

Test condition

Return gas temperature 65°F
Subcooling 5°F

Electrical code

N: Compressor & fan(s) 230V, 1 ph, 60 Hz
Q: Compressor 208-230V, 3ph, 60 Hz
Fan(s) 230V, 1ph, 60 Hz

Version

WG: BX, Receiver, Dual pressure control, Fan speed controller, Defrost Timer, outdoor enclosure (MBP)

HP rating in hundredths of HP, ie.: 033=1/3hp, (OP-UCGC0100U:0100=1hp)
Power consumption referred at 90°F ambient temperature

Model no	Condenser coil			Condenser fan	Receiver volume [Lbs]	Dimensions (in) ⁽¹⁾						Weight (lbs)		MCA (A)	Wiring diagram code ⁽²⁾
	Type	Air flow [CFM]	Int. volume [lbs]	Fan blade Ø (in)		Figure	Height H (in)	Width W (in)	Depth D (in)	Suction line	Liquid line	Gross	Net		
HRUM0500	N8	5180	3.7	18	22	2	28.8	49.4	31.5	7/8"	1/2"	400	367	50.4 33.3	119-8312 119-8313
HRUM0600	N8	5180	3.7	18	22	2	28.8	49.4	31.5	7/8"	1/2"	400	367	39.2	119-8313
HRUM0700	N8	5180	3.7	18	22	2	28.8	49.4	31.5	7/8"	1/2"	400	367	42.2	119-8313
HRUM0750	Q8	8230	5.4	24	30	2	39.1	61.2	31.5	1 1/8"	5/8"	630	594	50.7	119-8313
HRUM1000	Q8	8230	5.4	24	30	2	39.1	61.2	31.5	1 1/8"	5/8"	630	594	65.1	119-8313

⁽¹⁾ Dimensions (in) available on page 52
⁽²⁾ Wiring diagram available on pages 50-51
 For spare parts, see pages 48-49

Fan	Model no	Version	Electrical code	Code no	Compressor model	Amb. temp.		Capacity range in (btu/hr) at evaporating temperature							Power consumption [W] at evap. temp. 25 F	Power consumption [W] at evap. temp. 20 F	
						°F	°C	10	15	20	25	30	35	40			45
								-12.2	-9.4	-6.7	-3.9	-1.1	1.7	4.4			7.2
Single fan	HJZM0150		N Q	114N3456 114N3457	MTZ18	90	32	8900	10200	11550	13000	14450	16050	17650	19300	2000	1900
						95	35	8400	9650	10950	12300	13750	15200	16750	18350		
						100	38	7900	9100	10350	11650	13000	14400	15850	17350		
						110	43		7950	9050	10250	11450	12750	14050	15400		
						115	46		7350	8400	9550	10700	11900	13150	14400		
	HNUM0200		N Q	114N3460 114N3461	MLZ15	90	32	14550	16100	17750	19450	21300	23200	25250	27350	2000	1900
						95	35	13900	15400	16950	18600	20350	22200	24150	26200		
						100	38	13250	14650	16150	17750	19400	21150	23000	24950		
						110	43		13150	14500	15950	17450	19050	20750	22500		
						115	46		12350	13650	15000	16450	17950	19550	21250		
	HNUM0250		N Q	114N3462 114N3463	MLZ19	90	32	18900	20750	22700	24750	26900	29200	31550	34050	2900	2900
						95	35	18100	19850	21700	23700	25750	27950	30250	32650		
						100	38	17250	18950	20750	22650	24600	26700	28900	31250		
						110	43		17100	18750	20450	22300	24200	26200	28350		
						115	46		16150	17700	19350	21100	22900	24850	26900		
	HNUM0300	WG	N Q	114N3464 114N3465	MLZ21	90	32	20000	21950	24000	26150	28400	30800	33250	35800	3100	3100
						95	35	19150	21000	23000	25050	27250	29500	31900	34350		
						100	38	18250	20050	21950	23950	26050	28200	30500	32850		
						110	43		18100	19850	21650	23550	25550	27650	29850		
						115	46		17100	18750	20500	22300	24250	26250	28350		
HNUM0350		N Q	114N3466 114N3467	MLZ26	90	32	25550	28150	30850	33750	36750	39950	43250	46700	3650	3600	
					95	35	24500	26950	29600	32350	35250	38300	41500	44800			
					100	38	23450	25800	28300	30900	33700	36650	39700	42900			
					110	43		23300	25600	28000	30550	33250	36050	39000			
					115	46		22050	24250	26550	28950	31500	34200	37000			
HNUM0400		N Q	114N3468 114N3469	MLZ30	90	32	29500	32400	35500	38750	42150	45750	49450	53350	4200	4150	
					95	35	28250	31050	34000	37100	40400	43800	47400	51150			
					100	38	26950	29650	32450	35450	38600	41900	45300	48900			
					110	43		26750	29300	32050	34900	37900	41050	44350			
					115	46		25250	27700	30250	33000	35900	38900	42050			

Test condition

Return gas temperature 65°F
Subcooling 5°F

Electrical code

N: Compressor & fan(s) 230V, 1 ph, 60 Hz
Q: Compressor 208-230V, 3ph, 60 Hz
Fan(s) 230V, 1ph, 60 Hz

Version

WG: BX, Receiver, Dual pressure control, Fan speed controller, Defrost Timer, outdoor enclosure (MBP)

HP rating in hundredths of HP, ie.: 033=1/3hp, (OP-UCGC0100U:0100=1hp)
Power consumption referred at 90°F ambient temperature

Model no	Condenser coil			Condenser fan	Receiver volume [Lbs]	Dimensions (in) ⁽¹⁾						Weight (lbs)		MCA (A)	Wiring diagram code ⁽²⁾
	Type	Air flow [CFM]	Int. volume [lbs]	Fan blade Ø (in)		Figure	Height H (in)	Width W (in)	Depth D (in)	Suction line	Liquid line	Gross	Net		
HJZM0150	D8	1410	0.9	14	6.5	1	19.5	43.5	13.4	5/8"	3/8"	176	156	12.6 9.04	119-8312 119-8315
HNUM0200	G8	2825	1.1	18	13	1	22.4	47.4	16.5	7/8"	1/2"	253	227	19.2 14.3	119-8312 119-8313
HNUM0250	G8	2825	1.1	18	13	1	22.4	47.4	16.5	7/8"	1/2"	253	227	26.8 18.6	119-8312 119-8313
HNUM0300	G8	2825	1.1	18	13	1	22.4	47.4	16.5	7/8"	1/2"	253	227	28.7 19	119-8312 119-8313
HNUM0350	J8	3700	2.8	18	17.5	1	28.2	47.4	16.5	7/8"	1/2"	300	271	35.5 22.7	119-8312 119-8313
HNUM0400	J8	3700	2.8	18	17.5	1	28.2	47.4	16.5	7/8"	1/2"	300	271	41.8 26.6	119-8312 119-8313

⁽¹⁾ Dimensions (in) available on page 52
⁽²⁾ Wiring diagram available on pages 50-51
 For spare parts, see pages 48-49

Fan	Model no	Version	Electrical code	Code no	Compressor model	Amb. temp.		Capacity range in (btu/hr) at evaporating temperature							Power consumption [W] at evap. temp. 25 F	Power consumption [W] at evap. temp. 20 F	
						°F	°C	10	15	20	25	30	35	40			45
								-12.2	-9.4	-6.7	-3.9	-1.1	1.7	4.4			7.2
Two fan	HRUM0500	N Q	114N3470 114N3471	MLZ38	90	32	36100	39700	43500	47500	51700	56150	60850	65750	4850	4750	
					95	35	34650	38100	41750	45600	49650	53900	58350	63050			
					100	38	33200	36500	39950	43650	47500	51550	55850	60350			
					110	43		33050	36250	39600	43100	46800	50700	54850			
					115	46		31300	34300	37500	40850	44400	48100	52000			
	HRUM0600	Q	114N3472	MLZ45	90	32	42700	46900	51350	56000	60900	66050	71400	76950	5900	5800	
					95	35	40900	44950	49200	53650	58350	63250	68400	73750			
					100	38	39100	42900	47000	51250	55750	60450	65400	70550			
					110	43		38750	42450	46300	50400	54750	59250	63950			
					115	46		36550	40100	43800	47700	51800	56100	60650			
	HRUM0700	WG	Q	114N3473	MLZ48	90	32	46100	50600	55350	60300	65500	70950	76550	82400	6550	6450
						95	35	44150	48450	52950	57750	62700	67900	73300	78850		
						100	38	42100	46200	50550	55100	59850	64800	69950	75300		
						110	43		41600	45500	49600	53950	58450	63150	68050		
						115	46		39150	42900	46800	50900	55200	59650	64350		
	HRUM0750	Q	114N3474	MLZ58	90	32	56650	62650	68950	75550	82450	89650	97200	105000	8150	8000	
					95	35	53850	59600	65600	71900	78500	85350	92500	99950			
					100	38	51000	56450	62200	68200	74450	80950	87750	94850			
					110	43		49950	55100	60450	66050	71850	77950	84250			
					115	46		46600	51400	56450	61700	67200	72900	78850			
HRUM1000	Q	114N3476	MLZ76	90	32	72050	78900	86200	93800	101900	110300	119000	128100	10700	10500		
				95	35	68900	75400	82300	89550	97150	105100	113500	122100				
				100	38	65650	71850	78350	85200	92400	99950	107800	116000				
				110	43		64400	70200	76250	82600	89300	96300	103600				
				115	46		60600	66000	71650	77600	83850	90400	97250				

Test condition

Return gas temperature 65°F
Subcooling 5°F

Electrical code

N: Compressor & fan(s) 230V, 1 ph, 60 Hz
Q: Compressor 208-230V, 3ph, 60 Hz
Fan(s) 230V, 1ph, 60 Hz

Version

WG: BX, Receiver, Dual pressure control, Fan speed controller, Defrost Timer, outdoor enclosure (MBP)

HP rating in hundredths of HP, i.e.: 033=1/3hp, (OP-UCGC0100U:0100=1hp)
Power consumption referred at 90°F ambient temperature

Model no	Condenser coil			Condenser fan	Receiver volume [Lbs]	Dimensions (in) ⁽¹⁾						Weight (lbs)		MCA (A)	Wiring diagram code ⁽²⁾
	Type	Air flow [CFM]	Int. volume [lbs]	Fan blade Ø (in)		Figure	Height H (in)	Width W (in)	Depth D (in)	Suction line	Liquid line	Gross	Net		
HRUM0500	N8	5180	3.7	18	22	2	28.8	49.4	31.5	7/8"	1/2"	400	367	50.4 33.3	119-8312 119-8313
HRUM0600	N8	5180	3.7	18	22	2	28.8	49.4	31.5	7/8"	1/2"	400	367	39.2	119-8313
HRUM0700	N8	5180	3.7	18	22	2	28.8	49.4	31.5	7/8"	1/2"	400	367	42.2	119-8313
HRUM0750	Q8	8230	5.4	24	30	2	39.1	61.2	31.5	1 1/8"	5/8"	630	594	50.7	119-8313
HRUM1000	Q8	8230	5.4	24	30	2	39.1	61.2	31.5	1 1/8"	5/8"	630	594	65.1	119-8313

⁽¹⁾ Dimensions (in) available on page 52
⁽²⁾ Wiring diagram available on pages 50-51
 For spare parts, see pages 48-49

Fan	Model no	Version	Electrical code	Code no	Compressor model	Amb. temp.		Capacity range in (btu/hr) at evaporating temperature						Power consumption [W] at evap. temp. -20 F	Power consumption [W] at evap. temp. -10 F
						°F	°C	-25	-20	-15	-10	-5	0		
								-31.7	-28.9	-26.1	-23.3	-20.6	-17.8		
Single fan	LJZM0150	N Q	114N3477 114N3478	NTZ048	90	32	5450	6400	7450	8500	9650	10850	1650	1950	
					95	35		6000	6950	8000	9050	10200			
					100	38		5600	6500	7450	8500	9550			
					110	43				6450	7350	8300			
					115	46					6750	7650			
	LJZM0200	N Q	114N3479 114N3480	NTZ068	90	32	8400	9600	10900	12250	13650	15100	2400	2800	
					95	35		9050	10250	11550	12850	14200			
					100	38		8500	9650	10850	12100	13400			
					110	43				9500	10650	11750			
					115	46					9900	10950			
	LNZM0400	Q	114N3481	LLZ013	90	32	13800	15500	17300	19300	21350	23550	3400	3650	
					95	35		14900	16650	18550	20500	22600			
100					38		14300	16000	17750	19650	21600				
110					43				16150	17850	19600				
115					46					16900	18550				
LNZM0500	WG Q	114N3482	LLZ015	90	32	16600	18650	20900	23250	25850	28550	4100	4450		
				95	35		17950	20050	22350	24800	27400				
				100	38		17200	19250	21400	23700	26150				
				110	43				19450	21500	23700				
				115	46					20350	22450				
Two fan	LRZM0600	Q	114N3483	LLZ018	90	32	20050	22550	25250	28200	31350	34750	4550	4950	
					95	35		21700	24300	27100	30100	33350			
					100	38		20850	23300	26000	28850	31900			
					110	43				23650	26250	28950			
					115	46					24900	27450			
	LRZM0800	Q	114N3484	LLZ024	90	32	24650	27650	30950	34450	38250	42250	5450	6000	
					95	35		26600	29750	33100	36650	40500			
					100	38		25500	28500	31700	35100	38700			
					110	43				28800	31800	35050			
					115	46					30150	33150			

Test condition

Return gas temperature 65°F
Subcooling 5°F

Electrical code

N: Compressor & fan(s) 230V, 1 ph, 60 Hz
Q: Compressor 208-230V, 3ph, 60 Hz
Fan(s) 230V, 1ph, 60 Hz

Version

WG: BX, Receiver, Dual pressure control, Fan speed controller, Defrost Timer, outdoor enclosure (MBP)

HP rating in hundredths of HP, ie.: 033=1/3hp, (OP-UCGC0100U:0100=1hp)
Power consumption referred at 90°F ambient temperature

Model no	Condenser coil			Condenser fan	Receiver volume [Lbs]	Dimensions (in) ⁽¹⁾						Weight (lbs)		MCA (A)	Wiring diagram code ⁽²⁾
	Type	Air flow [CFM]	Int. volume [lbs]	Fan blade Ø (in)		Figure	Height H (in)	Width W (in)	Depth D (in)	Suction line	Liquid line	Gross	Net		
LJZM0150	D8	1410	0.9	14	6.5	1	19.5	43.5	13.4	5/8"	3/8"	187	167	12.8 10	119-8312 119-8315
LJZM0200	D8	1410	0.9	18	6.5	1	19.5	43.5	13.4	5/8"	3/8"	187	167	19.8 14.2	119-8312 119-8315
LNZM0400	J8	3700	2.8	18	17.5	1	28.2	47.4	16.5	7/8"	1/2"	295	266	24.3	119-8313
LNZM0500	J8	3700	2.8	18	17.5	1	28.2	47.4	16.5	7/8"	1/2"	295	266	25.1	119-8313
LRZM0600	N8	5180	3.7	18	22	2	28.8	49.4	31.5	1 1/8"	1/2"	442	409	28.9	119-8313
LRZM0800	N8	5180	3.7	18	22	2	28.8	49.4	31.5	1 1/8"	1/2"	442	409	35.9	119-8313

⁽¹⁾ Dimensions (in) available on page 52
⁽²⁾ Wiring diagram available on pages 50-51
 For spare parts, see pages 48-49

Spare Parts

Unit	Compressor					Contactor	Service valve		Oil	Crankcase Heater	Acoustic hood
	Model no	Code number	Start capacitor	Run Capacitor	Start Relay		Suction	Discharge			
HJZM0150	MTZ18-1 MTZ18-3	MTZ18-1VI MTZ18-3VI	119-4654	119-5617	119-5616	119-5640	119-4551	119-4545	7754019	120Z0459	120Z0575
HNUM0200	MLZ15T1 MLZ15T2	121U8513 121U8553	120Z0399	8173231	120Z0396	119-5640	119-4548	119-4545	120Z5034	120Z5040	120Z5083
HNUM0250	MLZ19T1 MLZ19T2	121U8515 121U8555	120Z0399	120Z0051	120Z0396	119-5640	119-4548	119-4545	120Z5034	120Z5040	120Z5083
HNUM0300	MLZ21T1 MLZ21T2	121U8517 121U8557	120Z0399	120Z0051	120Z0396	119-5640	119-4548	119-4545	120Z5034	120Z5040	120Z5083
HNUM0350	MLZ26T1 MLZ26T2	121U8519 121U8559	120Z0399	120Z0051	120Z0397	N: 119-4553 Q: 119-5640	119-4548	119-4551	120Z5034	120Z5040	120Z5083
HNUM0400	MLZ30T1 MLZ30T2	121U8561 121U8597	120Z0400	8173233	120Z0397	N: 119-5639 Q: 119-5640	119-4548	119-4551	120Z5034	120Z5040	120Z5084
HRUM0500	MLZ38T1 MLZ38T2	121U8563 121U8599	8173001	8173234	120Z0398	N: 119-4553 Q: 119-5639	119-4548	119-4551	120Z5034	120Z5040	120Z5084
HRUM0600	MLZ45T2	121U8601	----	----	----	119-5639	119-4548	119-4551	120Z5034	120Z5040	120Z5084
HRUM0700	MLZ48T2	121U8603	----	----	----	119-5639	119-4548	119-4546	120Z5034	120Z5040	120Z5084
HRUM0750	MLZ58T2	121U8627	----	----	----	119-4553	119-4550	119-4548	120Z5034	120Z5040	120Z5085
HRUM1000	MLZ76T2	121U8625	----	----	----	119-4553	119-4550	119-4548	120Z5034	120Z5040	120Z5085

Unit	Condenser	Defrost timer	Dual pressure switch	Fan	Fan capacitor	Fan speed controller	Filter drier	Receiver	Receiver valve	Sight glass	Sequence phase relay
HJZM0150	119-4536	119-4552	060-5253	119-4526	119-4529	061H3140	023Z5040	119-4531	119-4544	014L0022	----
HNUM0200	119-4537	119-4552	060-5253	119-4527	119-4530	061H3140	023Z5041	119-4532	119-4545	014L0022	119-4567
HNUM0250	119-4537	119-4552	060-5253	119-4527	119-4530	061H3140	023Z5041	119-4532	119-4545	014L0025	119-4567
HNUM0300	119-4537	119-4552	060-5253	119-4527	119-4530	061H3140	023Z5041	119-4532	119-4545	014L0025	119-4567
HNUM0350	119-4538	119-4552	060-5253	119-4527	119-4530	061H3140	023Z5044	119-4533	119-4545	014L0025	119-4567
HNUM0400	119-4538	119-4552	060-5253	119-4527	119-4530	061H3140	023Z5044	119-4533	119-4545	014L0025	119-4567
HRUM0500	119-4539	119-4552	060-5253	119-4527	119-4530	061H3140	023Z5044	119-4534	119-4545	014L0025	119-4567
HRUM0600	119-4539	119-4552	060-5253	119-4527	119-4530	061H3140	023Z5044	119-4534	119-4545	014L0025	119-4567
HRUM0700	119-4539	119-4552	060-5253	119-4527	119-4530	061H3140	023Z5044	119-4534	119-4545	014L0025	119-4567
HRUM0750	119-4540	119-4552	060-5253	119-4528	119-4530	061H3140	023Z5045	119-4535	119-4551	014L0026	119-4567
HRUM1000	119-4540	119-4552	060-5253	119-4528	119-4530	061H3140	023Z5045	119-4535	119-4551	014L0026	119-4567

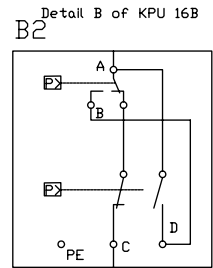
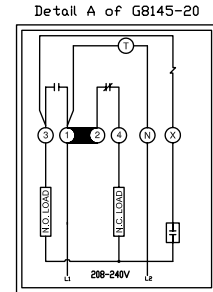
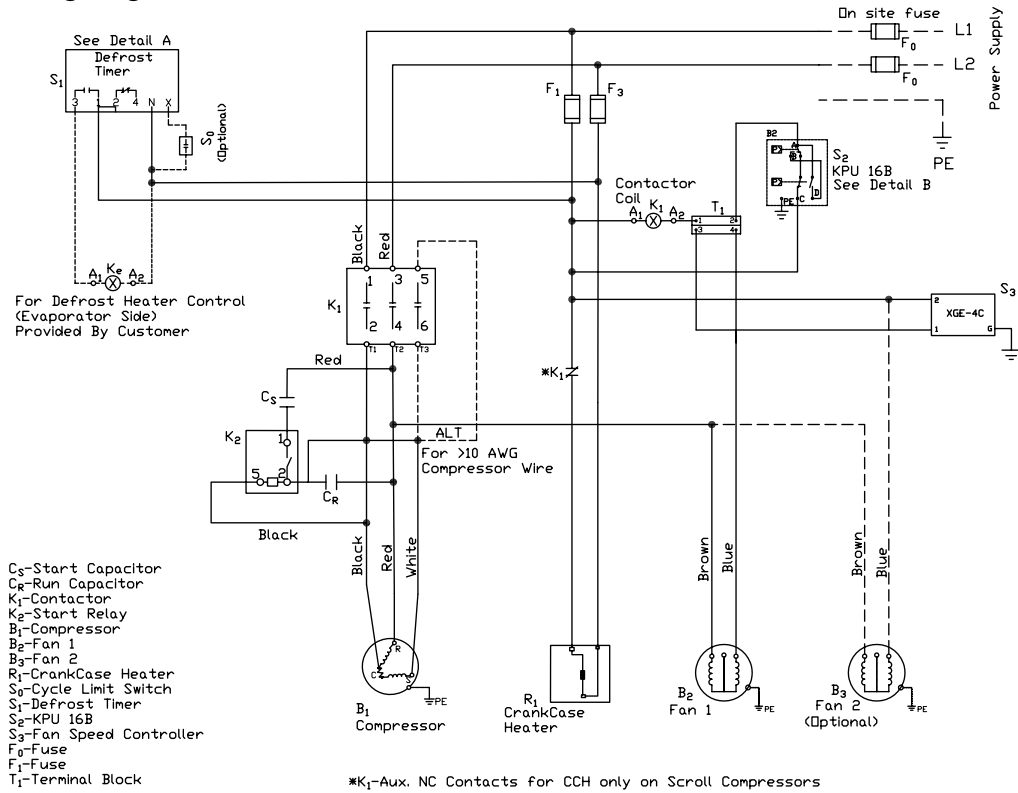
Spare Parts

Unit	Compressor					Contactor	Service valve		Oil	Crankcase Heater	Acoustic hood
	Model no	Code number	Start capacitor	Run Capacitor	Start Relay		Suction	Discharge			
LJZM0150	NTZ048-1 NTZ048-3	120F0072 120F0026	119-4654	119-5617	119-5616	119-5640	119-4546	119-4545	7754019	120Z0459	120Z0575
LJZM0200	NTZ068-1 NTZ068-3	120F0073 120F0027	119-5636	119-5619	119-5616	119-5640	119-4546	119-4545	7754019	120Z0459	120Z0575
LNZM0400	LLZ013T2	121L9519	----	----	----	119-5640	119-4548	119-4551	120Z5035	120Z5040	120Z5052
LNZM0500	LLZ015T2	121L9515	----	----	----	119-5640	119-4548	119-4551	120Z5035	120Z5040	120Z5052
LRZM0600	LLZ018T2	121L9511	----	----	----	119-5639	119-4549	119-4546	120Z5035	120Z5040	120Z5052
LRZM0800	LLZ024T2	121L9507	----	----	----	119-5639	119-4549	119-4546	120Z5035	120Z5040	120Z5053

Unit	Condenser	Defrost timer	Dual pressure switch	Fan	Fan capacitor	Fan speed controller	Filter drier	Receiver	Receiver valve	Sight glass	Sequence phase relay	Suction accumulator
LJZM0150	119-4536	119-4552	060-5253	119-4526	119-4529	061H3140	023Z5040	119-4531	119-4544	014L0022	----	119-4541
LJZM0200	119-4536	119-4552	060-5253	119-4526	119-4529	061H3140	023Z5040	119-4531	119-4544	014L0022	----	119-4541
LNZM0400	119-4538	119-4552	060-5253	119-4527	119-4530	061H3140	023Z5044	119-4533	119-4545	014L0025	119-4567	119-4542
LNZM0500	119-4538	119-4552	060-5253	119-4527	119-4530	061H3140	023Z5044	119-4533	119-4545	014L0025	119-4567	119-4542
LRZM0600	119-4539	119-4552	060-5253	119-4527	119-4530	061H3140	023Z5044	119-4535	119-4551	014L0025	119-4567	119-4543
LRZM0800	119-4539	119-4552	060-5253	119-4527	119-4530	061H3140	023Z5044	119-4535	119-4551	014L0025	119-4567	119-4543

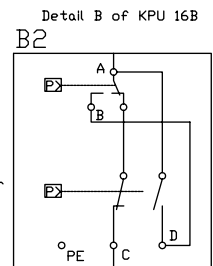
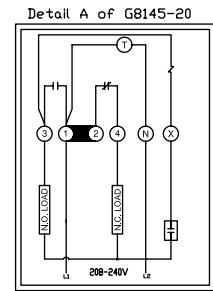
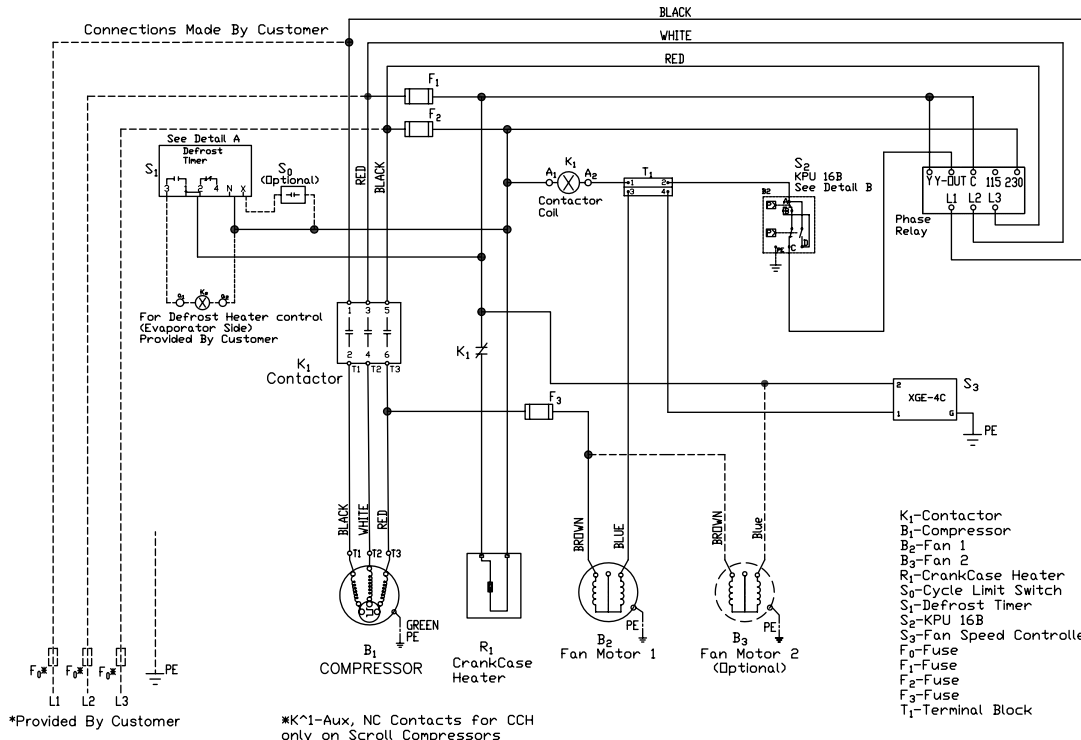
Wiring Diagram 119-8312

119-8312
230V 1Ph 60Hz



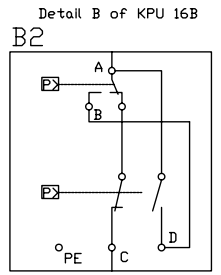
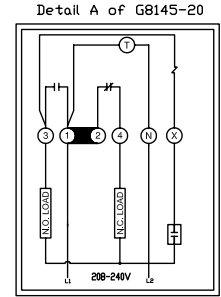
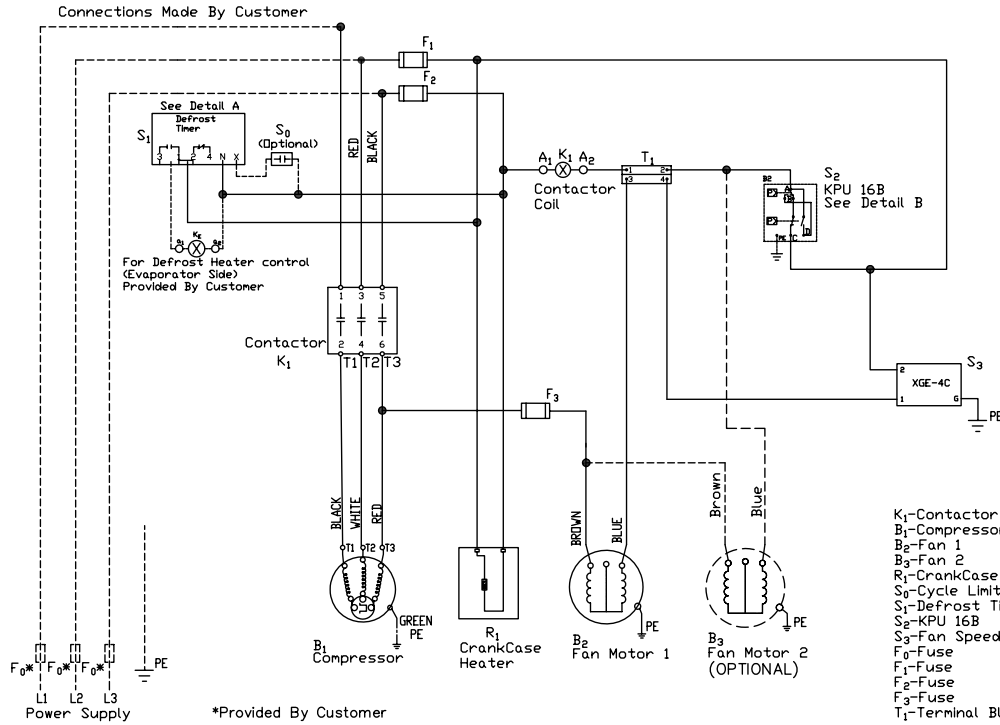
Wiring Diagram 119-8313

119-8313
220V 3PH 60Hz



Wiring Diagram 119-8315

119-8315
220V 3PH 60Hz

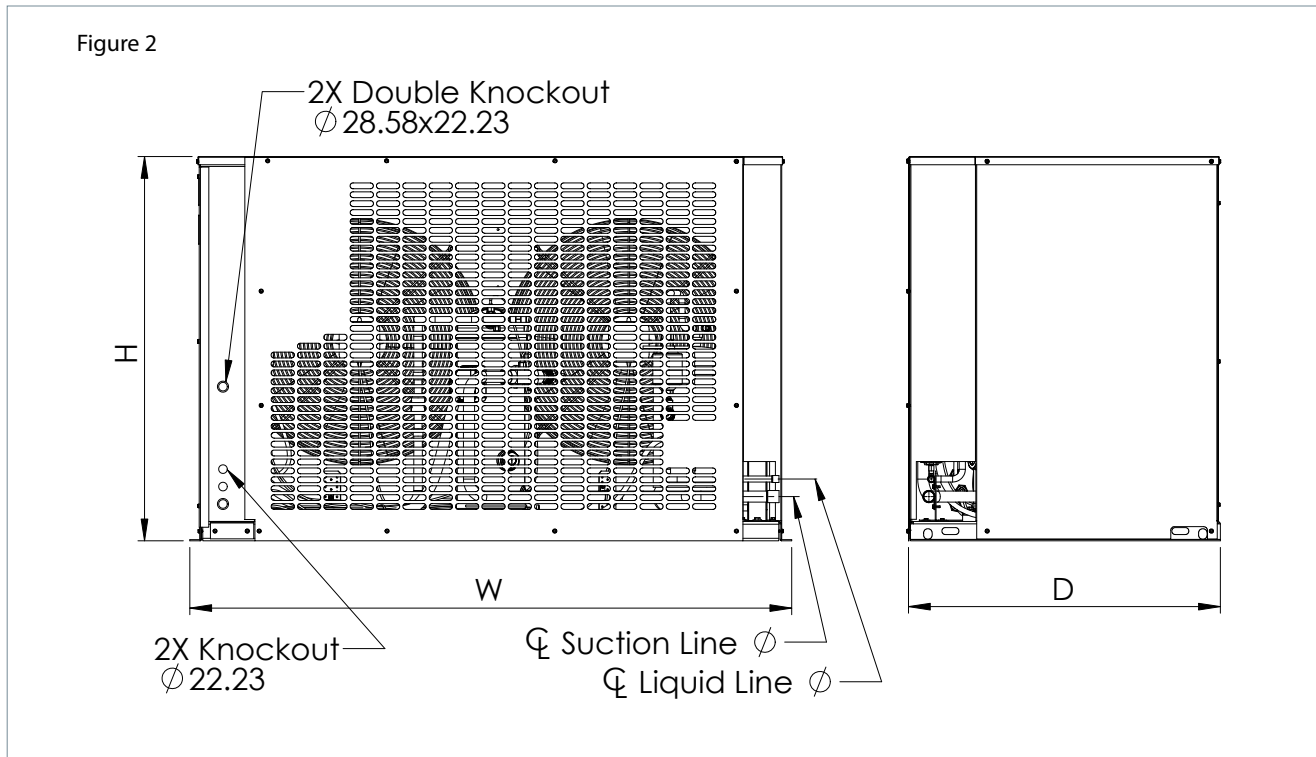
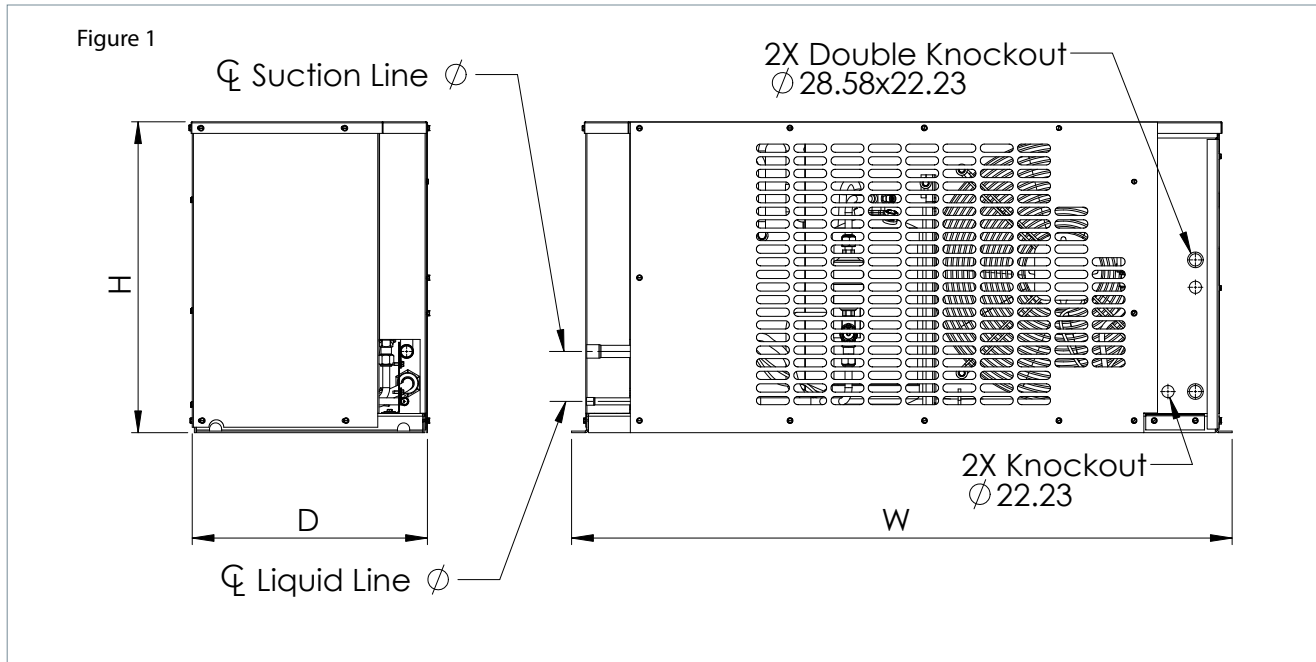


- K₁-Contactor
- B₁-Compressor
- B₂-Fan 1
- B₃-Fan 2
- R₁-CrankCase Heater
- S₀-Cycle Limit Switch
- S₁-Defrost Timer
- S₂-KPU 16B
- S₃-Fan Speed Controller
- F₀-Fuse
- F₁-Fuse
- F₂-Fuse
- F₃-Fuse
- T₁-Terminal Block

*Provided By Customer

R134a

R404A/R507



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We have 40 years of experience within the development of hermetic compressors which has brought us amongst the global leaders in our business, and positioned us as distinct variable speed technology specialists. Today we operate from engineering and manufacturing facilities spanning across three continents.



Danfoss Scrolls



Danfoss Inverter Scrolls



Danfoss Turbocor Compressors



Danfoss Optyma Condensing Units



Danfoss Light Commercial Refrigeration Compressors



Danfoss Maneurop Reciprocating Compressors

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