

**PRODUCT DATA &
SPECIFICATIONS**

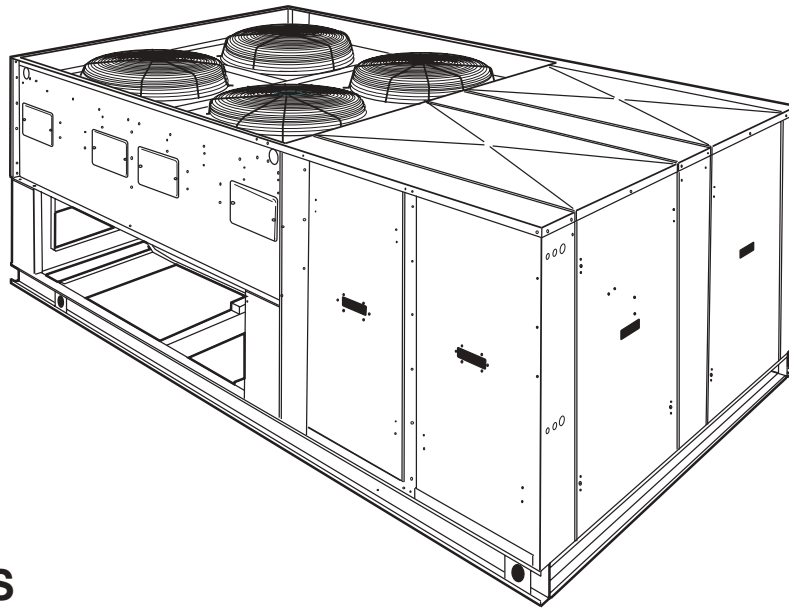
Bulletin B40-BV-PDS-11

1073952

Outdoor Air-Cooled Condensing Units

15 to 100 HP - Air Conditioning,
High and Medium Temperature
Refrigeration

10 to 80 HP - Low Temperature
Refrigeration



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NOMENCLATURE

BVS 040 M8 -H T4 A A

Bally Vertical Air Flow Condensing Unit

BVS = Single Compressor/Single Condenser Unit
 BVD = Dual Compressor/Dual Condenser Unit

Total HP

040 = If single, one 40 HP compressor.
 If dual two 20HP compressor

Application

A = Air Conditioning
 H = High Temp., M = Medium Temp., L = Low Temp.
 V = Extended Low Temp.
 2 = R22, 6 = R404A / R507, 8 = R404A / R507 / R22

Enclosure

H = Outdoor

Compressor

A = Catalog Standard
 D = Copeland Discus Semi-Hermetic
 B = Bitzer Semi-Hermetic
 T = Bitzer 2 Stage Semi-Hermetic
 Z = Copeland Scroll

Series Generation

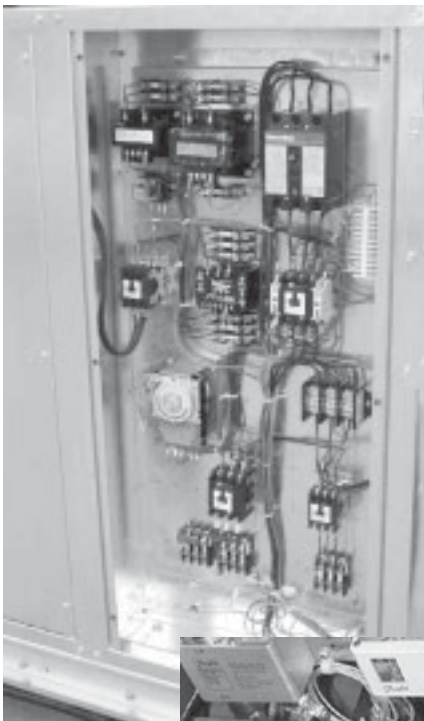
A = 1st Generation
 X = Special Custom Model
 (Deviates from catalog)

Electrical Designation

T3 = 208-230/3/60
 T4 = 460/3/60
 T5 = 575/3/60
 T7 = 200-220/3/50
 T9 = 380-400/3/50

* Subject to compressor availability

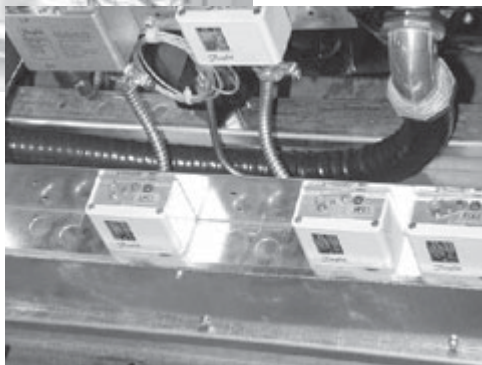
FEATURES



Electrical panel



Pre-formed internal piping



Raceway for pressure control connections



Sub cooler circuit on medium and low temperature models

FEATURES

- Units are **UL_{US}** Listed.
- Designed for use with R22, R404A and R507.
- Energy efficient compressors with POE or Mineral oil. Several Options to choose from: Copeland Discus, Bitzer reciprocating, Carlyle reciprocating, Copeland Screw.
- Single, Dual and parallel-piped(optional) compressor configurations available.
- Thermospan™ condenser core design eliminates tube sheet leaks and provides reliable operation.
- 3/8" condenser tubes reduces refrigerant charge.
- Generously sized condenser allows unit to operate at higher than normal ambient conditions.
- Optional coating and fin surfaces for condenser core protection available.
- Specially designed, thermally protected and permanently lubricated ball bearing condenser fan motor(s).
- Receivers (where used) are liberally sized and include inlet as well as outlet service valves.
- Subcooling circuit in condenser on all models (except air conditioning and H2 models) increases overall system efficiency and provides dependable compressor operation.
- Utilizes pre-formed internal piping, eliminates welded joints and reduces chances of a leak.
- Electrical components are housed in a spacious and conveniently located panel. In case of a compressor trip, (except on air conditioning models) a Lock-out relay de-energizes the liquid line solenoid valve. In addition, SPDT contact is provided for field wired alarm circuit.
- End compartment panels allow unrestricted access to service the compressor(s) and all other components.
- Raceway for pressure control wiring and connections provides neat appearance.
- Units are available with energy efficient Thermosaver™ hot gas defrost option.
- Units are environmentally friendly operating on less power and refrigerant charge.

STANDARD FEATURES

Refrigeration

Standard features include:

- Spring mount compressor with discharge vibration eliminator.
- Compressor head cooling fans on low temperature models
- Compressor crankcase heater
- Flexible hose on all compressor pressure control connections
- Two valve adjustable (pre-set at factory) Low Ambient head pressure control.
- Condenser fan cycling control (pressure) on two-fan models and up.
- Fused condenser fan motors
- Receiver inlet/outlet valves and safety pressure relief valve
- Replaceable liquid line drier & sight glass
- Anti-short cycle time delay relay
- Oil failure control (non-electronic)
- Discharge line thermostat
- Separate HP and LP compressor controls.
- Part-winding start on all 30 HP and up, operating on 208/230V-3Ph.
- Lock out relay.
- Sub-cooling circuit on medium and low temperature units.

Air Conditioning

Standard features include:

- Spring mount compressor with discharge vibration eliminator.
- Compressor crankcase heater
- Condenser fan cycling control (pressure) on two-fan models and up.
- Fused condenser fan motors
- Part-winding start on all 30 HP and up, operating on 208/230V-3Ph.

OPTIONAL FEATURES

Factory installed Optional Features include:

- Suction line vibration eliminator
- Suction accumulator (with or without heat exchanger)
- Replaceable suction filter
- Insulated suction lines.
- Crankcase Pressure Regulating valve
- Compressor capacity control (cylinder unloading on 4D-6D-6F compressors or Moduload™ on 3D compressor)
- Discharge line check valve
- Hot gas bypass tees / regulating valves / de-superheating TXV
- Oil separator
- Oversized condenser
- Oversized receiver
- Heated and insulated receiver
- Thermosaver™ defrost.
- Disconnect switch (fused or non-fused).
- Compressor circuit breaker
- Electronic Oil failure control
- Voltage / Phase monitor
- Part-winding start (standard on 30HP and up operating on 208/230-3)
- Defrost Time clock
- Defrost Heater / Evaporator Fan Contactors with fuse block
- Single point electrical service hook up for evaporator and controls

CAPACITY RATINGS AND SELECTION

RATING INFORMATION:

1. Ratings as shown are at saturated suction temperatures.
2. 60Hz capacity ratings are shown in imperial and metric units: **MBH** in bold type, (*KW*) in italics with in brackets.
3. Ratings may be interpolated but should not be extrapolated.

SELECTION PROCEDURE: Determine following requirements:

1. Ambient temperature, - °F / °C.
2. Total cooling load - **MBH** / (*KW*).
3. SST (saturated suction temperature) - °F / °C.
4. Refrigerant type - R22/R404A/R507.

EXAMPLE SELECTION:

GIVEN:

- Ambient temperature, **95°F** / 35°C.
- Total cooling load **115MBH**.
- SST, - **20°F** / -28.8°C.
- Refrigerant, R404A.

METHOD:

- Go to the R404A low temperature capacity chart.
- Determine the capacity rating under **95°F** ambient column and **-20°F** SST row.
- Select the model with closest capacity requirement which is BVS030L6 with capacity **115.2 MBH**.

SELECTION OF TWO-COMPRESSOR UNITS

BVD condensing units are double compressor units. The ratings shown are the total capacity of two compressors operating simultaneously. Standard BVD models are designed with two

independently operating systems, each with a separate refrigeration circuit. Optional parallel piped compressors (one total system) are available. Consult factory.

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		AMBIENT TEMPERATURE ° F (° C)									
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)			
BVS015A2 Compressor Model 3DS3A1500	55 (12.8)		239.3 (70.1)	232.6 (68.1)	225.9 (66.2)	219.2 (64.2)	212.5 (62.2)	205.8 (60.3)	---	---		
	50 (10.0)		220.5 (64.6)	214.3 (62.7)	208.0 (60.9)	201.8 (59.1)	195.5 (57.3)	189.3 (55.4)	---	---		
	45 (7.2)		202.7 (59.3)	196.9 (57.6)	191.1 (55.9)	185.3 (54.2)	179.5 (52.5)	173.7 (50.9)	167.9 (49.2)			
	40 (4.4)		185.7 (54.4)	180.4 (52.8)	175.0 (51.2)	169.6 (49.7)	164.3 (48.1)	158.9 (46.5)	153.6 (45.0)			
	35 (1.7)		169.6 (49.7)	164.6 (48.2)	159.7 (46.8)	154.7 (45.3)	149.8 (43.9)	144.9 (42.4)	139.9 (41.0)			
	30 (-1.1)		154.6 (45.3)	149.9 (43.9)	145.2 (42.5)	140.5 (41.1)	135.8 (39.8)	131.1 (38.4)	126.5 (37.0)			
BVS020A2 Compressor Model 4DA3-2000	55 (12.8)		275.6 (80.7)	267.1 (78.2)	258.6 (75.7)	250.0 (73.2)	241.5 (70.7)	233.0 (68.2)	224.4 (65.7)			
	50 (10.0)		256.8 (75.2)	248.7 (72.8)	240.6 (70.4)	232.4 (68.1)	224.3 (65.7)	216.2 (63.3)	208.1 (60.9)			
	45 (7.2)		236.7 (69.3)	229.0 (67.1)	221.3 (64.8)	213.7 (62.6)	206.0 (60.3)	198.3 (58.1)	190.6 (55.8)			
	40 (4.4)		215.8 (63.2)	208.6 (61.1)	201.4 (59.0)	194.2 (56.9)	187.1 (54.8)	179.9 (52.7)	172.7 (50.6)			
	35 (1.7)		194.6 (57.0)	188.0 (55.0)	181.4 (53.1)	174.7 (51.2)	168.1 (49.2)	161.4 (47.3)	154.8 (45.3)			
	30 (-1.1)		174.3 (51.0)	168.1 (49.2)	161.9 (47.4)	155.7 (45.6)	149.5 (43.8)	143.2 (41.9)	137.0 (40.1)			
BVS025A2 Compressor Model 4DH3-2500	55 (12.8)		333.9 (97.8)	319.3 (93.5)	304.8 (89.2)	290.3 (85.0)	275.7 (80.7)	261.2 (76.5)	246.6 (72.2)			
	50 (10.0)		310.4 (90.9)	296.6 (86.9)	282.9 (82.8)	269.2 (78.8)	255.4 (74.8)	241.7 (70.8)	228.0 (66.7)			
	45 (7.2)		287.9 (84.3)	279.5 (81.8)	271.2 (79.4)	262.8 (77.0)	254.5 (74.5)	246.2 (72.1)	237.8 (69.6)			
	40 (4.4)		263.9 (77.3)	256.2 (75.0)	248.4 (72.7)	240.7 (70.5)	233.0 (68.2)	225.2 (65.9)	217.5 (63.7)			
	35 (1.7)		240.9 (70.5)	233.7 (68.4)	226.6 (66.3)	219.4 (64.2)	212.3 (62.1)	205.1 (60.1)	198.0 (58.0)			
	30 (-1.1)		218.7 (64.0)	212.2 (62.1)	205.6 (60.2)	199.1 (58.3)	192.6 (56.4)	186.1 (54.5)	179.5 (52.6)			
BVS030A2 Compressor Model 4DJ3-3000	55 (12.8)		392.8 (115.0)	381.1 (111.6)	369.3 (108.1)	357.6 (104.7)	345.9 (101.3)	334.1 (97.8)	---	---		
	50 (10.0)		363.5 (106.4)	352.6 (103.2)	341.8 (100.1)	331.0 (96.9)	320.1 (93.7)	309.3 (90.6)	---	---		
	45 (7.2)		334.8 (98.0)	324.9 (95.1)	314.9 (92.2)	304.9 (89.3)	295.0 (86.4)	285.0 (83.4)	275.0 (80.5)			
	40 (4.4)		307.2 (89.9)	298.0 (87.3)	288.8 (84.6)	279.7 (81.9)	270.5 (79.2)	261.3 (76.5)	252.1 (73.8)			
	35 (1.7)		258.2 (75.6)	254.4 (74.5)	250.5 (73.3)	246.7 (72.2)	242.8 (71.1)	239.0 (70.0)	235.2 (68.9)			
	30 (-1.1)		255.0 (74.7)	247.2 (72.4)	239.4 (70.1)	231.5 (67.8)	223.7 (65.5)	215.9 (63.2)	208.1 (60.9)			
BVS035A2 Compressor Model 6DH3-3500	55 (12.8)		481.3 (140.9)	467.0 (136.7)	452.6 (132.5)	438.3 (128.3)	424.0 (124.1)	409.7 (119.9)	---	---		
	50 (10.0)		442.9 (129.7)	429.6 (125.8)	416.4 (121.9)	403.2 (118.1)	390.0 (114.2)	376.7 (110.3)	---	---		
	45 (7.2)		406.5 (119.0)	394.3 (115.5)	382.2 (111.9)	370.0 (108.3)	357.9 (104.8)	345.7 (101.2)	333.5 (97.7)			
	40 (4.4)		372.1 (109.0)	361.0 (105.7)	349.9 (102.4)	338.7 (99.2)	327.6 (95.9)	316.4 (92.6)	305.3 (89.4)			
	35 (1.7)		339.8 (99.5)	329.6 (96.5)	319.5 (93.5)	309.3 (90.6)	299.1 (87.6)	288.9 (84.6)	278.7 (81.6)			
	30 (-1.1)		310.2 (90.8)	300.5 (88.0)	290.9 (85.2)	281.3 (82.4)	271.7 (79.5)	262.0 (76.7)	252.4 (73.9)			
BVS040A2 Compressor Model 6DJ3-4000	55 (12.8)		579.6 (169.7)	562.7 (164.8)	545.9 (159.8)	529.0 (154.9)	512.1 (150.0)	495.3 (145.0)	---	---		
	50 (10.0)		533.5 (156.2)	513.8 (150.4)	494.2 (144.7)	474.5 (138.9)	454.8 (133.2)	---	---			
	45 (7.2)		493.7 (144.5)	478.9 (140.2)	464.1 (135.9)	449.3 (131.6)	434.5 (127.2)	419.7 (122.9)	404.9 (118.6)			
	40 (4.4)		453.5 (132.8)	439.7 (128.7)	425.9 (124.7)	412.2 (120.7)	398.4 (116.7)	384.7 (112.6)	370.9 (108.6)			
	35 (1.7)		415.1 (121.6)	402.4 (117.8)	389.6 (114.1)	376.9 (110.3)	364.1 (106.6)	351.3 (102.9)	338.6 (99.1)			
	30 (-1.1)		379.0 (111.0)	367.0 (107.5)	355.0 (103.9)	343.0 (100.4)	331.0 (96.9)	319.0 (93.4)	307.1 (89.9)			
BVS050A2 Compressor Model 6F-50.2	55 (12.8)		689.1 (201.8)	700.0 (204.9)	650.9 (190.6)	631.8 (185.0)	612.7 (179.4)	593.6 (173.8)	-	-		
	50 (10.0)		634.2 (185.7)	616.6 (180.5)	599.0 (175.4)	581.4 (170.2)	563.9 (165.1)	546.3 (160.0)	-	-		
	45 (7.2)		582.2 (170.5)	566.0 (165.7)	549.9 (161.0)	533.7 (156.3)	517.6 (151.5)	501.4 (146.8)	485.3 (142.1)			
	40 (4.4)		533.0 (156.0)	518.1 (151.7)	503.3 (147.4)	488.5 (143.0)	473.7 (138.7)	458.9 (134.4)	444.1 (130.0)			
	35 (1.7)		486.5 (142.5)	472.9 (138.5)	459.4 (134.5)	445.8 (130.5)	432.2 (126.6)	418.7 (122.6)	405.1 (118.6)			
	30 (-1.1)		443.2 (129.8)	430.6 (126.1)	418.0 (122.4)	405.3 (118.7)	392.7 (115.0)	380.1 (111.3)	367.5 (107.6)			

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		AMBIENT TEMPERATURE ° F (° C)						
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)
BVS015H2 Compressor 3DS3A150E	45 (7.2)		210.1 (61.5)	203.7 (59.6)	197.4 (57.8)	191.1 (56.0)	184.9 (54.1)	178.8 (52.4)	172.8 (50.6)
	40 (4.4)		192.6 (56.4)	186.7 (54.7)	180.9 (53.0)	175.2 (51.3)	169.5 (49.6)	164.0 (48.0)	158.5 (46.4)
	35 (1.7)		176.0 (51.5)	170.6 (50.0)	165.4 (48.4)	160.2 (46.9)	155.0 (45.4)	150.0 (43.9)	145.1 (42.5)
BVS020H2 Compressor 4DA3-200E	45 (7.2)		230.9 (67.6)	223.6 (65.5)	216.2 (63.3)	208.7 (61.1)	200.8 (58.8)	192.5 (56.4)	183.6 (53.8)
	40 (4.4)		210.3 (61.6)	203.7 (59.6)	197.1 (57.7)	190.3 (55.7)	183.2 (53.6)	175.7 (51.4)	167.6 (49.1)
	35 (1.7)		190.8 (55.9)	184.9 (54.1)	179.0 (52.4)	173.0 (50.7)	166.7 (48.8)	159.9 (46.8)	152.7 (44.7)
BVS025H2 Compressor 4DH3-250E	45 (7.2)		286.8 (84.0)	277.8 (81.3)	268.8 (78.7)	259.8 (76.1)	250.8 (73.4)	241.9 (70.8)	233.0 (68.2)
	40 (4.4)		264.7 (77.5)	256.3 (75.0)	247.8 (72.6)	239.4 (70.1)	231.0 (67.6)	222.6 (65.2)	214.2 (62.7)
	35 (1.7)		242.8 (71.1)	235.0 (68.8)	227.1 (66.5)	219.2 (64.2)	211.3 (61.9)	203.5 (59.6)	195.6 (57.3)
BVS030H2 Compressor 4DJ3-300E	45 (7.2)		339.0 (99.3)	328.8 (96.3)	318.4 (93.2)	307.9 (90.2)	297.1 (87.0)	286.1 (83.8)	274.6 (80.4)
	40 (4.4)		311.5 (91.2)	302.0 (88.4)	292.5 (85.6)	282.7 (82.8)	272.7 (79.8)	262.4 (76.8)	251.8 (73.7)
	35 (1.7)		285.1 (83.5)	276.3 (80.9)	267.4 (78.3)	258.4 (75.7)	249.2 (73.0)	239.7 (70.2)	229.9 (67.3)
BVS035H2 Compressor 6DH3-350E	45 (7.2)		412.9 (120.9)	399.5 (117.0)	386.1 (113.1)	373.0 (109.2)	360.0 (105.4)	347.2 (101.7)	334.6 (98.0)
	40 (4.4)		378.6 (110.9)	366.3 (107.3)	354.1 (103.7)	342.1 (100.2)	330.2 (96.7)	318.5 (93.3)	306.9 (89.9)
	35 (1.7)		346.2 (101.4)	335.0 (98.1)	323.9 (94.8)	312.9 (91.6)	302.1 (88.5)	291.4 (85.3)	280.9 (82.2)
BVS040H2 Compressor 6DJ3-400E	45 (7.2)		495.7 (145.1)	480.2 (140.6)	464.8 (136.1)	449.4 (131.6)	433.9 (127.0)	418.4 (122.5)	402.7 (117.9)
	40 (4.4)		456.5 (133.7)	442.3 (129.5)	428.2 (125.4)	414.1 (121.2)	399.9 (117.1)	385.7 (112.9)	371.4 (108.7)
	35 (1.7)		419.0 (122.7)	406.1 (118.9)	393.2 (115.1)	380.3 (111.4)	367.4 (107.6)	354.4 (103.8)	341.3 (99.9)
BVS050H2 Compressor 6F-50.2Y	45 (7.2)		576.4 (168.8)	560.2 (164.0)	544.0 (159.3)	528.0 (154.6)	512.0 (149.9)	---	---
	40 (4.4)		528.2 (154.7)	513.2 (150.3)	498.3 (145.9)	483.6 (141.6)	468.9 (137.3)	---	---
	35 (1.7)		482.5 (141.3)	468.8 (137.3)	455.1 (133.3)	441.6 (129.3)	428.1 (125.3)	---	---

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		AMBIENT TEMPERATURE ° F (° C)							
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
BVS015M8 Compressor Model 3DS3A150E	30 (-1.1)	160.4 (47.0)	155.5 (45.5)	150.7 (44.1)	146.0 (42.7)	141.4 (41.4)	136.9 (40.1)	132.5 (38.8)		
	25 (-3.9)	145.7 (42.7)	141.3 (41.4)	136.9 (40.1)	132.7 (38.9)	128.6 (37.7)	124.5 (36.5)	120.6 (35.3)		
	20 (-6.7)	131.9 (38.6)	127.9 (37.4)	124.0 (36.3)	120.2 (35.2)	116.5 (34.1)	112.9 (33.1)	109.5 (32.1)		
	15 (-9.4)	119.0 (34.8)	115.4 (33.8)	111.9 (32.8)	108.5 (31.8)	105.2 (30.8)	102.0 (29.9)	99.0 (29.0)		
	10 (-12.2)	106.9 (31.3)	103.7 (30.4)	100.5 (29.4)	97.5 (28.5)	94.6 (27.7)	91.8 (26.9)	89.1 (26.1)		
	5 (-15.0)	95.6 (28.0)	92.7 (27.1)	89.9 (26.3)	87.2 (25.5)	84.6 (24.8)	82.1 (24.0)	79.8 (23.4)		
	0 (-17.8)	85.0 (24.9)	82.4 (24.1)	79.9 (23.4)	77.5 (22.7)	75.2 (22.0)	73.1 (21.4)	71.1 (20.8)		
BVS020M8 Compressor Model 4DA3-200E	30 (-1.1)	172.7 (50.6)	167.4 (49.0)	162.1 (47.5)	156.8 (45.9)	151.2 (44.3)	145.2 (42.5)	138.6 (40.6)		
	25 (-3.9)	155.7 (45.6)	151.0 (44.2)	146.3 (42.8)	141.6 (41.5)	136.7 (40.0)	131.4 (38.5)	125.5 (36.7)		
	20 (-6.7)	139.9 (41.0)	135.7 (39.7)	131.6 (38.5)	127.5 (37.3)	123.2 (36.1)	118.5 (34.7)	113.4 (33.2)		
	15 (-9.4)	125.2 (36.7)	121.5 (35.6)	118.0 (34.6)	114.4 (33.5)	110.7 (32.4)	106.6 (31.2)	102.0 (29.9)		
	10 (-12.2)	111.7 (32.7)	108.4 (31.7)	105.3 (30.8)	102.2 (29.9)	99.0 (29.0)	95.5 (28.0)	91.5 (26.8)		
	5 (-15.0)	99.2 (29.0)	96.3 (28.2)	93.6 (27.4)	91.0 (26.6)	88.3 (25.9)	85.2 (24.9)	81.7 (23.9)		
	0 (-17.8)	87.6 (25.6)	85.1 (24.9)	82.8 (24.2)	80.6 (23.6)	78.3 (22.9)	75.7 (22.2)	72.6 (21.3)		
BVS025M8 Compressor Model 4DH3-250E	30 (-1.1)	221.4 (64.8)	214.1 (62.7)	206.7 (60.5)	199.4 (58.4)	192.1 (56.2)	184.7 (54.1)	177.4 (51.9)		
	25 (-3.9)	200.5 (58.7)	193.7 (56.7)	187.0 (54.8)	180.2 (52.8)	173.4 (50.8)	166.6 (48.8)	159.8 (46.8)		
	20 (-6.7)	180.4 (52.8)	174.2 (51.0)	168.0 (49.2)	161.8 (47.4)	155.5 (45.5)	149.2 (43.7)	142.9 (41.8)		
	15 (-9.4)	161.3 (47.2)	155.7 (45.6)	150.1 (43.9)	144.4 (42.3)	138.6 (40.6)	132.9 (38.9)	127.1 (37.2)		
	10 (-12.2)	143.4 (42.0)	138.4 (40.5)	133.3 (39.0)	128.2 (37.5)	123.0 (36.0)	117.7 (34.5)	112.5 (32.9)		
	5 (-15.0)	127.1 (37.2)	122.6 (35.9)	118.1 (34.6)	113.4 (33.2)	108.8 (31.9)	104.0 (30.5)	99.3 (29.1)		
	0 (-17.8)	112.4 (32.9)	108.5 (31.8)	104.5 (30.6)	100.4 (29.4)	96.2 (28.2)	92.0 (26.9)	87.8 (25.7)		
BVS030M8 Compressor Model 4DJ3-300E	30 (-1.1)	259.8 (76.1)	251.6 (73.7)	243.4 (71.3)	235.2 (68.9)	226.7 (66.4)	218.0 (63.8)	208.9 (61.2)		
	25 (-3.9)	235.5 (69.0)	228.0 (66.8)	220.6 (64.6)	213.0 (62.4)	205.3 (60.1)	197.3 (57.8)	189.1 (55.4)		
	20 (-6.7)	212.5 (62.2)	205.6 (60.2)	198.8 (58.2)	192.0 (56.2)	185.0 (54.2)	177.8 (52.1)	170.4 (49.9)		
	15 (-9.4)	190.7 (55.8)	184.5 (54.0)	178.4 (52.2)	172.2 (50.4)	166.0 (48.6)	159.5 (46.7)	152.8 (44.7)		
	10 (-12.2)	170.2 (49.8)	164.6 (48.2)	159.2 (46.6)	153.8 (45.0)	148.2 (43.4)	142.5 (41.7)	136.6 (40.0)		
	5 (-15.0)	151.1 (44.2)	146.2 (42.8)	141.4 (41.4)	136.7 (40.0)	131.8 (38.6)	126.9 (37.2)	121.7 (35.6)		
	0 (-17.8)	133.5 (39.1)	129.2 (37.8)	125.1 (36.6)	121.0 (35.4)	116.9 (34.2)	112.7 (33.0)	108.3 (31.7)		
BVS035M8 Compressor Model 6DH3-350E	30 (-1.1)	315.6 (92.4)	305.5 (89.5)	295.5 (86.5)	285.5 (83.6)	275.6 (80.7)	265.9 (77.9)	256.3 (75.0)		
	25 (-3.9)	286.9 (84.0)	277.8 (81.3)	268.7 (78.7)	259.7 (76.0)	250.8 (73.4)	242.0 (70.9)	233.3 (68.3)		
	20 (-6.7)	260.1 (76.2)	251.9 (73.8)	243.7 (71.4)	235.6 (69.0)	227.6 (66.6)	219.6 (64.3)	211.7 (62.0)		
	15 (-9.4)	235.0 (68.8)	227.7 (66.7)	220.4 (64.5)	213.1 (62.4)	205.8 (60.3)	198.6 (58.2)	191.5 (56.1)		
	10 (-12.2)	211.7 (62.0)	205.2 (60.1)	198.7 (58.2)	192.1 (56.2)	185.6 (54.3)	179.1 (52.4)	172.6 (50.5)		
	5 (-15.0)	190.1 (55.7)	184.3 (54.0)	178.5 (52.3)	172.6 (50.5)	166.7 (48.8)	160.8 (47.1)	155.0 (45.4)		
	0 (-17.8)	170.0 (49.8)	164.9 (48.3)	159.8 (46.8)	154.5 (45.2)	149.2 (43.7)	143.8 (42.1)	138.5 (40.6)		
BVS040M8 Compressor Model 6DJ3-400E	30 (-1.1)	383.2 (112.2)	371.4 (108.7)	359.7 (105.3)	348.0 (101.9)	336.3 (98.5)	324.5 (95.0)	312.6 (91.5)		
	25 (-3.9)	349.1 (102.2)	338.4 (99.1)	327.8 (96.0)	317.2 (92.9)	306.6 (89.8)	296.0 (86.7)	285.3 (83.5)		
	20 (-6.7)	316.8 (92.8)	307.1 (89.9)	297.5 (87.1)	288.0 (84.3)	278.5 (81.5)	269.0 (78.8)	259.4 (76.0)		
	15 (-9.4)	286.2 (83.8)	277.5 (81.3)	268.9 (78.7)	260.4 (76.2)	252.0 (73.8)	243.5 (71.3)	234.9 (68.8)		
	10 (-12.2)	257.4 (75.4)	249.6 (73.1)	242.0 (70.9)	234.4 (68.6)	226.9 (66.4)	219.4 (64.2)	211.8 (62.0)		
	5 (-15.0)	230.3 (67.4)	223.4 (65.4)	216.7 (63.4)	210.0 (61.5)	203.4 (59.6)	196.8 (57.6)	190.1 (55.7)		
	0 (-17.8)	205.1 (60.1)	199.0 (58.3)	193.1 (56.5)	187.3 (54.8)	181.5 (53.1)	175.7 (51.4)	169.9 (49.7)		
BVS050M8 Compressor Model 6F-50.2Y	30 (-1.1)	439.4 (128.7)	426.8 (125.0)	414.3 (121.3)	401.9 (117.7)	389.6 (114.1)	---	---		
	25 (-3.9)	398.8 (116.8)	387.3 (113.4)	375.9 (110.1)	364.6 (106.8)	353.4 (103.5)	342.2 (100.2)	---		
	20 (-6.7)	360.8 (105.6)	350.2 (102.5)	339.9 (99.5)	329.6 (96.5)	319.4 (93.5)	309.2 (90.5)	---		
	15 (-9.4)	325.1 (95.2)	315.6 (92.4)	306.1 (89.6)	296.8 (86.9)	287.5 (84.2)	278.4 (81.5)	---		
	10 (-12.2)	291.9 (85.5)	283.2 (82.9)	274.6 (80.4)	266.2 (77.9)	257.8 (75.5)	249.5 (73.1)	241.2 (70.6)		
	5 (-15.0)	260.9 (76.4)	253.0 (74.1)	245.3 (71.8)	237.6 (69.6)	230.1 (67.4)	222.6 (65.2)	215.1 (63.0)		
	0 (-17.8)	232.2 (68.0)	225.1 (65.9)	218.0 (63.8)	211.1 (61.8)	204.2 (59.8)	197.4 (57.8)	190.7 (55.8)		

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		AMBIENT TEMPERATURE ° F (° C)							
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
BVS015M8 Compressor Model 3DS3A150E	30 (-1.1)	167.5 (49.0)	160.0 (46.8)	152.6 (44.7)	145.3 (42.5)	138.0 (40.4)	130.7 (38.3)	123.5 (36.2)		
	25 (-3.9)	153.1 (44.8)	146.3 (42.8)	139.7 (40.9)	133.1 (39.0)	126.5 (37.0)	119.9 (35.1)	113.4 (33.2)		
	20 (-6.7)	139.4 (40.8)	133.4 (39.1)	127.4 (37.3)	121.5 (35.6)	115.6 (33.8)	109.7 (32.1)	103.8 (30.4)		
	15 (-9.4)	126.6 (37.1)	121.2 (35.5)	115.8 (33.9)	110.5 (32.4)	105.2 (30.8)	100.0 (29.3)	94.7 (27.7)		
	10 (-12.2)	114.5 (33.5)	109.7 (32.1)	104.9 (30.7)	100.2 (29.3)	95.5 (28.0)	90.8 (26.6)	86.1 (25.2)		
	5 (-15.0)	103.2 (30.2)	98.9 (29.0)	94.7 (27.7)	90.5 (26.5)	86.3 (25.3)	82.1 (24.0)	77.9 (22.8)		
	0 (-17.8)	92.8 (27.2)	88.9 (26.0)	85.2 (24.9)	81.4 (23.8)	77.7 (22.8)	73.9 (21.6)	70.2 (20.6)		
BVS020M8 Compressor Model 4DA3-200E	30 (-1.1)	177.3 (51.9)	168.6 (49.4)	159.9 (46.8)	151.3 (44.3)	142.7 (41.8)	134.2 (39.3)	125.8 (36.8)		
	25 (-3.9)	162.3 (47.5)	154.3 (45.2)	146.3 (42.8)	138.3 (40.5)	130.4 (38.2)	122.6 (35.9)	114.9 (33.6)		
	20 (-6.7)	147.8 (43.3)	140.5 (41.1)	133.1 (39.0)	125.8 (36.8)	118.6 (34.7)	111.4 (32.6)	104.3 (30.5)		
	15 (-9.4)	134.0 (39.2)	127.2 (37.2)	120.5 (35.3)	113.8 (33.3)	107.2 (31.4)	100.7 (29.5)	94.3 (27.6)		
	10 (-12.2)	120.8 (35.4)	114.7 (33.6)	108.5 (31.8)	102.5 (30.0)	96.4 (28.2)	90.5 (26.5)	84.7 (24.8)		
	5 (-15.0)	108.4 (31.7)	102.8 (30.1)	97.3 (28.5)	91.8 (26.9)	86.3 (25.3)	81.0 (23.7)	75.7 (22.2)		
	0 (-17.8)	96.8 (28.3)	91.8 (26.9)	86.8 (25.4)	81.8 (24.0)	76.9 (22.5)	72.1 (21.1)	67.4 (19.7)		
BVS025M8 Compressor Model 4DH3-250E	30 (-1.1)	219.5 (64.3)	209.5 (61.3)	199.7 (58.5)	190.0 (55.6)	180.5 (52.9)	171.0 (50.1)	161.6 (47.3)		
	25 (-3.9)	201.8 (59.1)	192.6 (56.4)	183.5 (53.7)	174.6 (51.1)	165.8 (48.5)	157.1 (46.0)	148.4 (43.5)		
	20 (-6.7)	184.4 (54.0)	175.9 (51.5)	167.6 (49.1)	159.5 (46.7)	151.4 (44.3)	143.4 (42.0)	135.4 (39.6)		
	15 (-9.4)	167.6 (49.1)	159.8 (46.8)	152.3 (44.6)	144.8 (42.4)	137.5 (40.3)	130.1 (38.1)	122.8 (36.0)		
	10 (-12.2)	151.4 (44.3)	144.4 (42.3)	137.6 (40.3)	130.9 (38.3)	124.2 (36.4)	117.6 (34.4)	110.8 (32.4)		
	5 (-15.0)	136.2 (39.9)	130.0 (38.1)	123.8 (36.2)	117.8 (34.5)	111.8 (32.7)	105.8 (31.0)	99.7 (29.2)		
	0 (-17.8)	122.1 (35.8)	116.6 (34.1)	111.2 (32.6)	105.9 (31.0)	100.5 (29.4)	95.2 (27.9)	89.7 (26.3)		
BVS030M8 Compressor Model 4DJ3-300E	30 (-1.1)	266.0 (77.9)	253.8 (74.3)	241.6 (70.7)	229.5 (67.2)	217.3 (63.6)	205.1 (60.1)	192.8 (56.5)		
	25 (-3.9)	243.7 (71.4)	232.5 (68.1)	221.4 (64.8)	210.3 (61.6)	199.2 (58.3)	188.1 (55.1)	176.8 (51.8)		
	20 (-6.7)	222.2 (65.1)	212.1 (62.1)	202.0 (59.1)	191.9 (56.2)	181.9 (53.3)	171.8 (50.3)	161.6 (47.3)		
	15 (-9.4)	201.8 (59.1)	192.6 (56.4)	183.4 (53.7)	174.4 (51.1)	165.3 (48.4)	156.3 (45.8)	147.1 (43.1)		
	10 (-12.2)	182.3 (53.4)	174.0 (50.9)	165.8 (48.5)	157.7 (46.2)	149.7 (43.8)	141.5 (41.4)	133.4 (39.1)		
	5 (-15.0)	163.9 (48.0)	156.5 (45.8)	149.2 (43.7)	142.0 (41.6)	134.8 (39.5)	127.6 (37.4)	120.4 (35.3)		
	0 (-17.8)	146.7 (43.0)	140.1 (41.0)	133.6 (39.1)	127.3 (37.3)	120.9 (35.4)	114.6 (33.6)	108.2 (31.7)		
BVS035M8 Compressor Model 6DH3-350E	30 (-1.1)	333.2 (97.6)	318.2 (93.2)	303.2 (88.8)	288.0 (84.3)	272.7 (79.8)	257.2 (75.3)	241.7 (70.8)		
	25 (-3.9)	304.9 (89.3)	291.3 (85.3)	277.6 (81.3)	263.8 (77.2)	249.9 (73.2)	235.9 (69.1)	221.8 (64.9)		
	20 (-6.7)	278.1 (81.4)	265.7 (77.8)	253.3 (74.2)	240.8 (70.5)	228.3 (66.8)	215.6 (63.1)	202.9 (59.4)		
	15 (-9.4)	252.8 (74.0)	241.6 (70.7)	230.4 (67.5)	219.1 (64.2)	207.7 (60.8)	196.3 (57.5)	184.8 (54.1)		
	10 (-12.2)	229.0 (67.1)	218.9 (64.1)	208.7 (61.1)	198.5 (58.1)	188.3 (55.1)	178.0 (52.1)	167.6 (49.1)		
	5 (-15.0)	206.7 (60.5)	197.6 (57.9)	188.4 (55.2)	179.1 (52.4)	169.9 (49.7)	160.6 (47.0)	151.3 (44.3)		
	0 (-17.8)	186.1 (54.5)	177.7 (52.0)	169.3 (49.6)	160.9 (47.1)	152.6 (44.7)	144.2 (42.2)	135.8 (39.8)		
BVS040M8 Compressor Model 6DJ3-400E	30 (-1.1)	390.8 (114.4)	373.9 (109.5)	357.0 (104.5)	339.9 (99.5)	322.6 (94.5)	305.0 (89.3)	287.0 (84.0)		
	25 (-3.9)	359.0 (105.1)	343.5 (100.6)	328.0 (96.0)	312.4 (91.5)	296.6 (86.8)	280.5 (82.1)	264.1 (77.3)		
	20 (-6.7)	328.5 (96.2)	314.3 (92.0)	300.1 (87.9)	285.9 (83.7)	271.6 (79.5)	257.0 (75.2)	242.0 (70.9)		
	15 (-9.4)	299.4 (87.7)	286.4 (83.9)	273.5 (80.1)	260.6 (76.3)	247.6 (72.5)	234.4 (68.6)	220.9 (64.7)		
	10 (-12.2)	271.8 (79.6)	260.0 (76.1)	248.2 (72.7)	236.6 (69.3)	224.9 (65.9)	213.0 (62.4)	200.8 (58.8)		
	5 (-15.0)	245.7 (71.9)	235.0 (68.8)	224.4 (65.7)	213.9 (62.6)	203.3 (59.5)	192.7 (56.4)	181.8 (53.2)		
	0 (-17.8)	221.4 (64.8)	211.6 (62.0)	202.0 (59.1)	192.5 (56.4)	183.1 (53.6)	173.6 (50.8)	163.9 (48.0)		
BVS050M8 Compressor Model 6F-50.2Y	30 (-1.1)	443.3 (129.8)	423.2 (123.9)	402.7 (117.9)	381.9 (111.8)	360.6 (105.6)	---	---	---	
	25 (-3.9)	406.5 (119.0)	388.2 (113.7)	369.6 (108.2)	350.7 (102.7)	331.4 (97.0)	311.7 (91.3)	---	---	
	20 (-6.7)	371.3 (108.7)	354.8 (103.9)	338.0 (99.0)	320.9 (94.0)	303.4 (88.8)	285.6 (83.6)	---	---	
	15 (-9.4)	337.9 (98.9)	323.0 (94.6)	307.8 (90.1)	292.4 (85.6)	276.6 (81.0)	260.6 (76.3)	---	---	
	10 (-12.2)	306.2 (89.7)	292.8 (85.7)	279.2 (81.7)	265.3 (77.7)	251.1 (73.5)	236.7 (69.3)	222.1 (65.0)		
	5 (-15.0)	276.3 (80.9)	264.3 (77.4)	252.0 (73.8)	239.5 (70.1)	226.9 (66.4)	214.0 (62.7)	201.0 (58.9)		
	0 (-17.8)	248.3 (72.7)	237.4 (69.5)	226.4 (66.3)	215.2 (63.0)	203.9 (59.7)	192.4 (56.3)	180.8 (52.9)		

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		AMBIENT TEMPERATURE ° F (° C)							
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
BVS010L6 Compressor Model 3DS3A100E	0 (-17.8)	85.3 (25.0)	81.8 (24.0)	78.2 (22.9)	74.6 (21.8)	71.0 (20.8)	67.5 (19.8)	---	---	
	-5 (-20.6)	77.3 (22.6)	74.1 (21.7)	70.8 (20.7)	67.6 (19.8)	64.3 (18.8)	61.2 (17.9)	---	---	
	-10 (-23.3)	69.6 (20.4)	66.7 (19.5)	63.8 (18.7)	60.9 (17.8)	57.9 (17.0)	55.1 (16.1)	52.2 (15.3)	---	
	-15 (-26.1)	62.3 (18.2)	59.7 (17.5)	57.1 (16.7)	54.5 (16.0)	51.8 (15.2)	49.2 (14.4)	46.7 (13.7)	---	
	-20 (-28.9)	55.4 (16.2)	53.1 (15.5)	50.8 (14.9)	48.4 (14.2)	46.0 (13.5)	43.7 (12.8)	41.3 (12.1)	---	
	-25 (-31.7)	49.0 (14.3)	46.9 (13.7)	44.8 (13.1)	42.7 (12.5)	40.5 (11.9)	38.4 (11.2)	36.3 (10.6)	---	
	-30 (-34.4)	43.0 (12.6)	41.2 (12.1)	39.3 (11.5)	37.3 (10.9)	35.3 (10.3)	33.4 (9.8)	31.4 (9.2)	---	
	-35 (-37.2)	37.5 (11.0)	35.8 (10.5)	34.1 (10.0)	32.3 (9.5)	30.5 (8.9)	28.6 (8.4)	26.8 (7.8)	---	
	-40 (-40.0)	32.4 (9.5)	30.9 (9.0)	29.3 (8.6)	27.6 (8.1)	25.9 (7.6)	24.2 (7.1)	22.5 (6.6)	---	
BVS015L6 Compressor Model 4DL3-150E	0 (-17.8)	115.1 (33.7)	110.4 (32.3)	105.8 (31.0)	101.2 (29.6)	96.6 (28.3)	91.7 (26.8)	---	---	
	-5 (-20.6)	104.0 (30.5)	99.8 (29.2)	95.7 (28.0)	91.5 (26.8)	87.3 (25.6)	82.8 (24.2)	---	---	
	-10 (-23.3)	93.9 (27.5)	90.1 (26.4)	86.3 (25.3)	82.6 (24.2)	78.7 (23.0)	74.7 (21.9)	70.3 (20.6)	---	
	-15 (-26.1)	84.5 (24.7)	81.0 (23.7)	77.7 (22.8)	74.3 (21.8)	70.8 (20.7)	67.1 (19.6)	63.1 (18.5)	---	
	-20 (-28.9)	75.7 (22.2)	72.6 (21.3)	69.6 (20.4)	66.6 (19.5)	63.4 (18.6)	60.1 (17.6)	56.4 (16.5)	---	
	-25 (-31.7)	67.4 (19.7)	64.7 (18.9)	62.0 (18.2)	59.3 (17.4)	56.4 (16.5)	53.3 (15.6)	49.9 (14.6)	---	
	-30 (-34.4)	59.6 (17.5)	57.1 (16.7)	54.7 (16.0)	52.2 (15.3)	49.7 (14.6)	46.8 (13.7)	43.6 (12.8)	---	
	-35 (-37.2)	51.9 (15.2)	49.7 (14.6)	47.5 (13.9)	45.3 (13.3)	43.0 (12.6)	40.4 (11.8)	37.4 (11.0)	---	
	-40 (-40.0)	44.3 (13.0)	42.3 (12.4)	40.4 (11.8)	38.4 (11.2)	36.2 (10.6)	33.8 (9.9)	31.0 (9.1)	---	
BVS022L6 Compressor Model 4DT3-220E	0 (-17.8)	140.3 (41.1)	133.7 (39.1)	127.4 (37.3)	121.3 (35.5)	115.5 (33.8)	110.0 (32.2)	---	---	
	-5 (-20.6)	127.5 (37.3)	121.5 (35.6)	115.8 (33.9)	110.3 (32.3)	104.9 (30.7)	99.8 (29.2)	94.8 (27.8)	89.8 (26.4)	
	-10 (-23.3)	115.4 (33.8)	110.0 (32.2)	104.8 (30.7)	99.7 (29.2)	94.8 (27.8)	90.0 (26.4)	85.4 (25.0)	80.4 (23.6)	
	-15 (-26.1)	103.8 (30.4)	99.0 (29.0)	94.3 (27.6)	89.6 (26.2)	85.1 (24.9)	80.7 (23.6)	76.3 (22.3)	71.9 (21.0)	
	-20 (-28.9)	92.9 (27.2)	88.5 (25.9)	84.2 (24.7)	80.0 (23.4)	75.8 (22.2)	71.7 (21.0)	67.5 (19.8)	63.3 (18.5)	
	-25 (-31.7)	82.5 (24.2)	78.6 (23.0)	74.7 (21.9)	70.8 (20.7)	66.9 (19.6)	63.0 (18.4)	59.0 (17.3)	55.1 (16.1)	
	-30 (-34.4)	72.5 (21.2)	69.0 (20.2)	65.4 (19.1)	61.9 (18.1)	58.2 (17.0)	54.5 (16.0)	50.6 (14.8)	46.8 (13.7)	
	-35 (-37.2)	62.9 (18.4)	59.8 (17.5)	56.5 (16.5)	53.2 (15.6)	49.7 (14.6)	46.1 (13.5)	42.4 (12.4)	38.7 (11.3)	
	-40 (-40.0)	53.7 (15.7)	50.8 (14.9)	47.8 (14.0)	44.7 (13.1)	41.3 (12.1)	37.8 (11.1)	34.1 (10.0)	30.4 (8.9)	
BVS027L6 Compressor Model 6DL3-270E	0 (-17.8)	175.3 (51.3)	167.9 (49.2)	160.6 (47.0)	153.3 (44.9)	145.9 (42.7)	138.4 (40.5)	---	---	
	-5 (-20.6)	159.1 (46.6)	152.4 (44.6)	145.7 (42.7)	139.1 (40.7)	132.4 (38.8)	125.6 (36.8)	---	---	
	-10 (-23.3)	143.3 (42.0)	137.3 (40.2)	131.3 (38.4)	125.3 (36.7)	119.2 (34.9)	112.9 (33.1)	106.4 (31.2)	---	
	-15 (-26.1)	128.1 (37.5)	122.7 (35.9)	117.3 (34.3)	111.9 (32.8)	106.4 (31.2)	100.7 (29.5)	94.6 (27.7)	88.5 (26.0)	
	-20 (-28.9)	113.7 (33.3)	108.8 (31.9)	103.9 (30.4)	99.0 (29.0)	94.0 (27.5)	88.8 (26.0)	83.2 (24.4)	77.6 (22.8)	
	-25 (-31.7)	100.1 (29.3)	95.7 (28.0)	91.3 (26.7)	86.8 (25.4)	82.2 (24.1)	77.4 (22.7)	72.2 (21.1)	67.1 (19.5)	
	-30 (-34.4)	87.4 (25.6)	83.4 (24.4)	79.4 (23.2)	75.3 (22.0)	71.1 (20.8)	66.6 (19.5)	61.7 (18.1)	57.3 (16.6)	
	-35 (-37.2)	75.8 (22.2)	72.1 (21.1)	68.5 (20.1)	64.7 (18.9)	60.7 (17.8)	56.4 (16.5)	51.8 (15.2)	47.5 (14.0)	
	-40 (-40.0)	65.3 (19.1)	61.9 (18.1)	58.5 (17.1)	55.0 (16.1)	51.2 (15.0)	47.1 (13.8)	42.6 (12.5)	38.7 (11.3)	
BVS030L6 Compressor Model 6DT3-300E	0 (-17.8)	195.2 (57.2)	186.2 (54.5)	177.2 (51.9)	168.3 (49.3)	159.6 (46.7)	151.0 (44.2)	---	---	
	-5 (-20.6)	176.7 (51.7)	168.6 (49.4)	160.6 (47.0)	152.6 (44.7)	144.7 (42.4)	136.9 (40.1)	---	---	
	-10 (-23.3)	159.2 (46.6)	151.9 (44.5)	144.7 (42.4)	137.5 (40.3)	130.4 (38.2)	123.4 (36.1)	---	---	
	-15 (-26.1)	142.5 (41.7)	136.0 (39.8)	129.5 (37.9)	123.1 (36.0)	116.7 (34.2)	110.4 (32.3)	104.2 (30.5)	---	
	-20 (-28.9)	126.8 (37.1)	121.0 (35.4)	115.2 (33.7)	109.4 (32.0)	103.6 (30.3)	97.9 (28.7)	92.3 (27.0)	---	
	-25 (-31.7)	112.1 (32.8)	106.9 (31.3)	101.7 (29.8)	96.4 (28.2)	91.1 (26.7)	85.9 (25.2)	80.8 (23.7)	---	
	-30 (-34.4)	98.4 (28.8)	93.7 (27.4)	89.0 (26.1)	84.1 (24.6)	79.3 (23.2)	74.5 (21.8)	69.7 (20.4)	---	
	-35 (-37.2)	85.7 (25.1)	81.5 (23.9)	77.1 (22.6)	72.6 (21.3)	68.1 (19.9)	63.5 (18.6)	59.0 (17.3)	---	
	-40 (-40.0)	74.1 (21.7)	70.1 (20.5)	66.0 (19.3)	61.7 (18.1)	57.4 (16.8)	53.0 (15.5)	48.7 (14.3)	---	
BVS040L6 Compressor Model 6F-40.2Y	0 (-17.8)	240.9 (70.5)	229.5 (67.2)	218.0 (63.8)	206.1 (60.3)	194.1 (56.8)	181.7 (53.2)	---	---	
	-5 (-20.6)	217.4 (63.7)	207.1 (60.6)	196.7 (57.6)	186.0 (54.5)	175.1 (51.3)	163.9 (48.0)	---	---	
	-10 (-23.3)	195.1 (57.1)	185.8 (54.4)	176.4 (51.6)	166.8 (48.8)	157.0 (46.0)	147.0 (43.0)	136.7 (40.0)	---	
	-15 (-26.1)	174.0 (50.9)	165.7 (48.5)	157.2 (46.0)	148.6 (43.5)	139.8 (40.9)	130.9 (38.3)	121.7 (35.6)	---	
	-20 (-28.9)	154.2 (45.1)	146.7 (43.0)	139.2 (40.8)	131.4 (38.5)	123.6 (36.2)	115.6 (33.8)	107.4 (31.4)	---	
	-25 (-31.7)	135.6 (39.7)	128.9 (37.7)	122.1 (35.8)	115.2 (33.7)	108.3 (31.7)	101.1 (29.6)	93.8 (27.5)	---	
	-30 (-34.4)	118.3 (34.6)	112.2 (32.9)	106.1 (31.1)	100.0 (29.3)	93.8 (27.5)	87.5 (25.6)	81.0 (23.7)	---	
	-35 (-37.2)	102.1 (29.9)	96.7 (28.3)	91.2 (26.7)	85.7 (25.1)	80.1 (23.5)	74.5 (21.8)	68.8 (20.1)	---	
	-40 (-40.0)	87.2 (25.5)	82.2 (24.1)	77.2 (22.6)	72.3 (21.2)	67.3 (19.7)	62.3 (18.2)	57.3 (16.8)	---	

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		AMBIENT TEMPERATURE ° F (° C)							
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
BVS008V6 Compressor Model S4N-8.2Y	-25 (-31.7)		40.5 (11.8)	40.0 (11.7)	39.6 (11.6)	39.1 (11.5)	38.7 (11.3)	38.2 (11.2)	37.8 (11.1)	
	-30 (-34.4)		36.5 (10.7)	36.1 (10.6)	35.7 (10.5)	35.3 (10.3)	34.9 (10.2)	34.5 (10.1)	34.1 (10.0)	
	-40 (-40.0)		29.3 (8.6)	29.0 (8.5)	28.7 (8.4)	28.4 (8.3)	28.1 (8.2)	27.7 (8.1)	27.4 (8.0)	
	-50 (-45.6)		23.2 (6.8)	22.9 (6.7)	22.7 (6.6)	22.4 (6.6)	22.1 (6.5)	21.9 (6.4)	21.6 (6.3)	
	-60 (-51.1)		17.9 (5.2)	17.7 (5.2)	17.5 (5.1)	17.3 (5.1)	17.1 (5.0)	16.9 (4.9)	16.6 (4.9)	
BVS012V6 Compressor Model S4G-12.2Y	-25 (-31.7)		63.0 (18.5)	62.3 (18.2)	61.5 (18.0)	60.8 (17.8)	60.0 (17.6)	59.2 (17.3)	58.5 (17.1)	
	-30 (-34.4)		57.5 (16.8)	56.8 (16.6)	56.1 (16.4)	55.4 (16.2)	54.7 (16.0)	53.9 (15.8)	53.2 (15.6)	
	-40 (-40.0)		47.1 (13.8)	46.6 (13.6)	46.0 (13.5)	45.4 (13.3)	44.8 (13.1)	44.2 (12.9)	43.6 (12.8)	
	-50 (-45.6)		37.7 (11.0)	37.2 (10.9)	36.8 (10.8)	36.4 (10.6)	35.9 (10.5)	35.5 (10.4)	35.0 (10.3)	
	-60 (-51.1)		29.4 (8.6)	29.0 (8.5)	28.7 (8.4)	28.4 (8.3)	28.1 (8.2)	27.8 (8.1)	27.5 (8.0)	
BVS016V6 Compressor Model S6J-16.2Y	-25 (-31.7)		87.9 (25.7)	86.7 (25.4)	85.6 (25.1)	84.4 (24.7)	83.3 (24.4)	82.1 (24.0)	81.0 (23.7)	
	-30 (-34.4)		80.5 (23.6)	79.6 (23.3)	78.6 (23.0)	77.6 (22.7)	76.6 (22.4)	75.6 (22.1)	74.6 (21.8)	
	-40 (-40.0)		66.4 (19.4)	65.6 (19.2)	64.8 (19.0)	64.0 (18.7)	63.2 (18.5)	62.4 (18.3)	61.6 (18.0)	
	-50 (-45.6)		53.5 (15.7)	52.9 (15.5)	52.3 (15.3)	51.6 (15.1)	51.0 (14.9)	50.4 (14.8)	49.8 (14.6)	
	-60 (-51.1)		42.0 (12.3)	41.6 (12.2)	41.1 (12.0)	40.7 (11.9)	40.2 (11.8)	39.8 (11.6)	39.3 (11.5)	
BVS020V6 Compressor Model S6H-20.2Y	-25 (-31.7)		102.1 (29.9)	100.8 (29.5)	99.6 (29.2)	98.3 (28.8)	97.0 (28.4)	95.7 (28.0)	94.4 (27.6)	
	-30 (-34.4)		93.5 (27.4)	92.3 (27.0)	91.1 (26.7)	89.9 (26.3)	88.7 (26.0)	87.6 (25.6)	86.4 (25.3)	
	-40 (-40.0)		77.0 (22.6)	76.1 (22.3)	75.1 (22.0)	74.2 (21.7)	73.2 (21.4)	72.2 (21.2)	71.3 (20.9)	
	-50 (-45.6)		62.0 (18.2)	61.3 (17.9)	60.6 (17.7)	59.9 (17.5)	59.1 (17.3)	58.4 (17.1)	57.7 (16.9)	
	-60 (-51.1)		48.7 (14.3)	48.2 (14.1)	47.7 (14.0)	47.1 (13.8)	46.6 (13.7)	46.1 (13.5)	45.6 (13.3)	
BVS025V6 Compressor Model S6G-25.2Y	-25 (-31.7)		116.0 (34.0)	114.6 (33.5)	113.1 (33.1)	111.7 (32.7)	110.2 (32.3)	108.8 (31.8)	107.3 (31.4)	
	-30 (-34.4)		106.3 (31.1)	104.9 (30.7)	103.6 (30.3)	102.2 (29.9)	100.9 (29.5)	99.5 (29.1)	98.2 (28.7)	
	-40 (-40.0)		87.7 (25.7)	86.6 (25.4)	85.5 (25.0)	84.4 (24.7)	83.3 (24.4)	82.2 (24.1)	81.0 (23.7)	
	-50 (-45.6)		70.8 (20.7)	69.9 (20.5)	69.1 (20.2)	68.2 (20.0)	67.4 (19.7)	66.5 (19.5)	65.7 (19.2)	
	-60 (-51.1)		55.7 (16.3)	55.1 (16.1)	54.4 (15.9)	53.8 (15.8)	53.2 (15.6)	52.6 (15.4)	52.0 (15.2)	
BVS030V6 Compressor Model S6F-30.2Y	-25 (-31.7)		138.2 (40.5)	136.4 (39.9)	134.5 (39.4)	132.6 (38.8)	130.7 (38.3)	128.8 (37.7)	126.9 (37.1)	
	-30 (-34.4)		126.6 (37.1)	124.9 (36.6)	123.2 (36.1)	121.4 (35.5)	119.7 (35.0)	118.0 (34.5)	116.2 (34.0)	
	-40 (-40.0)		104.6 (30.6)	103.2 (30.2)	101.8 (29.8)	100.4 (29.4)	99.0 (29.0)	97.7 (28.6)	96.3 (28.2)	
	-50 (-45.6)		84.4 (24.7)	83.4 (24.4)	82.3 (24.1)	81.3 (23.8)	80.2 (23.5)	79.2 (23.2)	78.2 (22.9)	
	-60 (-51.1)		66.4 (19.4)	65.7 (19.2)	64.9 (19.0)	64.2 (18.8)	63.4 (18.6)	62.7 (18.4)	62.0 (18.1)	

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		AMBIENT TEMPERATURE ° F (° C)									
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)			
BVS008V2 Compressor Model S4N-8.2	-30 (-34.4)		31.7 (9.3)	31.4 (9.2)	31.0 (9.1)	30.7 (9.0)	30.3 (8.9)	30.0 (8.8)	29.7 (8.7)			
	-35 (-37.2)		28.1 (8.2)	27.7 (8.1)	27.4 (8.0)	27.1 (7.9)	26.8 (7.8)	26.4 (7.7)	26.1 (7.6)			
	-40 (-40.0)		24.6 (7.2)	24.3 (7.1)	24.0 (7.0)	23.7 (6.9)	23.4 (6.9)	23.1 (6.8)	---	---		
	-45 (-42.8)		21.5 (6.3)	21.2 (6.2)	20.9 (6.1)	20.6 (6.0)	20.3 (5.9)	---	---	---		
	-50 (-45.6)		18.5 (5.4)	18.2 (5.3)	17.9 (5.2)	17.6 (5.2)	17.3 (5.1)	---	---	---		
BVS012V2 Compressor Model S4G-12.2	-30 (-34.4)		47.8 (14.0)	47.3 (13.9)	46.8 (13.7)	46.3 (13.5)	45.7 (13.4)	45.2 (13.2)	44.7 (13.1)			
	-35 (-37.2)		42.3 (12.4)	41.8 (12.2)	41.3 (12.1)	40.8 (12.0)	40.3 (11.8)	39.8 (11.7)	39.4 (11.5)			
	-40 (-40.0)		37.1 (10.9)	36.7 (10.7)	36.2 (10.6)	35.7 (10.5)	35.3 (10.3)	34.8 (10.2)	---	---		
	-45 (-42.8)		32.4 (9.5)	31.9 (9.3)	31.5 (9.2)	31.0 (9.1)	30.6 (8.9)	---	---	---		
	-50 (-45.6)		27.9 (8.2)	27.5 (8.0)	27.0 (7.9)	26.6 (7.8)	---	---	---	---		
BVS016V2 Compressor Model S6J-16.2	-30 (-34.4)		70.1 (20.5)	69.7 (20.4)	69.2 (20.3)	68.8 (20.1)	68.3 (20.0)	67.8 (19.9)	67.4 (19.7)			
	-35 (-37.2)		62.2 (18.2)	61.8 (18.1)	61.3 (18.0)	60.9 (17.8)	60.5 (17.7)	60.0 (17.6)	59.6 (17.4)			
	-40 (-40.0)		54.8 (16.0)	54.4 (15.9)	53.9 (15.8)	53.5 (15.7)	53.1 (15.5)	52.6 (15.4)	---	---		
	-45 (-42.8)		47.8 (14.0)	47.4 (13.9)	46.9 (13.7)	46.4 (13.6)	46.0 (13.5)	---	---	---		
	-50 (-45.6)		41.2 (12.1)	40.7 (11.9)	40.2 (11.8)	39.7 (11.6)	---	---	---	---		
BVS020V2 Compressor Model S6H-20.2	-30 (-34.4)		81.5 (23.8)	80.9 (23.7)	80.4 (23.5)	79.9 (23.4)	79.3 (23.2)	78.8 (23.1)	78.3 (22.9)			
	-35 (-37.2)		72.3 (21.2)	71.7 (21.0)	71.2 (20.9)	70.7 (20.7)	70.2 (20.6)	69.7 (20.4)	---	---		
	-40 (-40.0)		63.6 (18.6)	63.1 (18.5)	62.6 (18.3)	62.1 (18.2)	61.6 (18.0)	61.1 (17.9)	---	---		
	-45 (-42.8)		55.5 (16.3)	55.0 (16.1)	54.5 (15.9)	53.9 (15.8)	53.4 (15.6)	---	---	---		
	-50 (-45.6)		47.9 (14.0)	47.3 (13.8)	46.7 (13.7)	46.2 (13.5)	---	---	---	---		
BVS025V2 Compressor Model S6G-25.2	-30 (-34.4)		93.3 (27.3)	92.7 (27.1)	92.1 (27.0)	91.5 (26.8)	90.9 (26.6)	90.3 (26.4)	89.7 (26.2)			
	-35 (-37.2)		82.8 (24.2)	82.2 (24.1)	81.6 (23.9)	81.0 (23.7)	80.4 (23.6)	79.9 (23.4)	79.3 (23.2)			
	-40 (-40.0)		72.9 (21.3)	72.3 (21.2)	71.7 (21.0)	71.2 (20.8)	70.6 (20.7)	70.0 (20.5)	---	---		
	-45 (-42.8)		63.6 (18.6)	63.0 (18.4)	62.4 (18.3)	61.8 (18.1)	61.2 (17.9)	---	---	---		
	-50 (-45.6)		54.8 (16.0)	54.2 (15.9)	53.5 (15.7)	52.9 (15.5)	---	---	---	---		
BVS030V2 Compressor Model S6F-30.2	-30 (-34.4)		111.8 (32.7)	111.0 (32.5)	110.3 (32.3)	109.6 (32.1)	108.8 (31.9)	108.1 (31.7)	107.4 (31.4)			
	-35 (-37.2)		99.1 (29.0)	98.5 (28.8)	97.8 (28.6)	97.1 (28.4)	96.4 (28.2)	95.7 (28.0)	95.0 (27.8)			
	-40 (-40.0)		87.3 (25.6)	86.6 (25.4)	85.9 (25.2)	85.2 (25.0)	84.6 (24.8)	83.9 (24.6)	---	---		
	-45 (-42.8)		76.2 (22.3)	75.5 (22.1)	74.7 (21.9)	74.0 (21.7)	73.3 (21.5)	---	---	---		
	-50 (-45.6)		65.7 (19.2)	64.9 (19.0)	64.1 (18.8)	63.3 (18.5)	---	---	---	---		

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CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		AMBIENT TEMPERATURE ° F (° C)							
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
BVD030A2 Compressor Model 3DS3A1500	55 (12.8)		478.7 (140.2)	465.3 (136.2)	451.9 (132.3)	438.4 (128.4)	425.0 (124.5)	411.6 (120.5)	---	---
	50 (10.0)		441.1 (129.1)	428.6 (125.5)	416.1 (121.8)	403.6 (118.2)	391.1 (114.5)	378.6 (110.8)	---	---
	45 (7.2)		405.3 (118.7)	393.7 (115.3)	382.1 (111.9)	370.5 (108.5)	358.9 (105.1)	347.3 (101.7)	335.8 (98.3)	
	40 (4.4)		371.4 (108.7)	360.7 (105.6)	350.0 (102.5)	339.3 (99.3)	328.6 (96.2)	317.9 (93.1)	307.2 (89.9)	
	35 (1.7)		339.2 (99.3)	329.3 (96.4)	319.4 (93.5)	309.5 (90.6)	299.6 (87.7)	289.7 (84.8)	279.8 (81.9)	
	30 (-1.1)		309.1 (90.5)	299.8 (87.8)	290.4 (85.0)	281.0 (82.3)	271.7 (79.5)	262.3 (76.8)	252.9 (74.1)	
BVD040A2 Compressor Model 4DA3-2000	55 (12.8)		551.3 (161.4)	534.2 (156.4)	517.1 (151.4)	500.0 (146.4)	483.0 (141.4)	465.9 (136.4)	448.8 (131.4)	
	50 (10.0)		513.6 (150.4)	497.3 (145.6)	481.1 (140.9)	464.9 (136.1)	448.6 (131.4)	432.4 (126.6)	416.2 (121.9)	
	45 (7.2)		473.4 (138.6)	458.0 (134.1)	442.7 (129.6)	427.3 (125.1)	412.0 (120.6)	396.6 (116.1)	381.3 (111.6)	
	40 (4.4)		431.6 (126.4)	417.2 (122.2)	402.8 (118.0)	388.5 (113.7)	374.1 (109.5)	359.7 (105.3)	345.4 (101.1)	
	35 (1.7)		389.3 (114.0)	376.0 (110.1)	362.7 (106.2)	349.4 (102.3)	336.1 (98.4)	322.8 (94.5)	309.5 (90.6)	
	30 (-1.1)		348.6 (102.1)	336.2 (98.4)	323.8 (94.8)	311.3 (91.2)	298.9 (87.5)	286.5 (83.9)	274.0 (80.2)	
BVD050A2 Compressor Model 4DH3-2500	55 (12.8)		667.8 (195.5)	638.7 (187.0)	609.6 (178.5)	580.5 (170.0)	551.4 (161.5)	522.3 (152.9)	493.2 (144.4)	
	50 (10.0)		620.7 (181.8)	593.3 (173.7)	565.8 (165.7)	538.3 (157.6)	510.9 (149.6)	483.4 (141.5)	455.9 (133.5)	
	45 (7.2)		575.7 (168.6)	559.1 (163.7)	542.4 (158.8)	525.7 (153.9)	509.0 (149.0)	492.3 (144.2)	475.6 (139.3)	
	40 (4.4)		527.8 (154.5)	512.3 (150.0)	496.9 (145.5)	481.4 (141.0)	465.9 (136.4)	450.4 (131.9)	435.0 (127.4)	
	35 (1.7)		481.7 (141.0)	467.4 (136.9)	453.1 (132.7)	438.8 (128.5)	424.5 (124.3)	410.2 (120.1)	395.9 (115.9)	
	30 (-1.1)		437.4 (128.1)	424.3 (124.2)	411.3 (120.4)	398.2 (116.6)	385.2 (112.8)	372.1 (109.0)	359.1 (105.1)	
BVD060A2 Compressor Model 4DJ3-3000	55 (12.8)		785.6 (230.0)	762.1 (223.1)	738.7 (216.3)	715.2 (209.4)	691.7 (202.5)	668.3 (195.7)	---	---
	50 (10.0)		726.9 (212.8)	705.2 (206.5)	683.6 (200.2)	661.9 (193.8)	640.3 (187.5)	618.6 (181.1)	---	---
	45 (7.2)		669.7 (196.1)	649.7 (190.2)	629.8 (184.4)	609.8 (178.6)	589.9 (172.7)	570.0 (166.9)	550.0 (161.1)	
	40 (4.4)		614.4 (179.9)	596.0 (174.5)	577.7 (169.1)	559.3 (163.8)	541.0 (158.4)	522.6 (153.0)	504.3 (147.7)	
	35 (1.7)		516.4 (151.2)	508.7 (148.9)	501.0 (146.7)	493.3 (144.4)	485.7 (142.2)	478.0 (140.0)	470.3 (137.7)	
	30 (-1.1)		510.0 (149.3)	494.4 (144.7)	478.7 (140.2)	463.1 (135.6)	447.4 (131.0)	431.8 (126.4)	416.2 (121.9)	
BVD070A2 Compressor Model 6DH3-3500	55 (12.8)		962.5 (281.8)	933.9 (273.4)	905.2 (265.1)	876.6 (256.7)	847.9 (248.3)	819.3 (239.9)	---	---
	50 (10.0)		885.7 (259.3)	859.3 (251.6)	832.8 (243.8)	806.4 (236.1)	779.9 (228.4)	753.5 (220.6)	---	---
	45 (7.2)		813.0 (238.0)	788.7 (230.9)	764.4 (223.8)	740.0 (216.7)	715.7 (209.6)	691.4 (202.4)	667.1 (195.3)	
	40 (4.4)		744.3 (217.9)	722.0 (211.4)	699.7 (204.9)	677.4 (198.3)	655.1 (191.8)	632.8 (185.3)	610.6 (178.8)	
	35 (1.7)		679.7 (199.0)	659.3 (193.0)	638.9 (187.1)	618.5 (181.1)	598.2 (175.1)	577.8 (169.2)	557.4 (163.2)	
	30 (-1.1)		620.3 (181.6)	601.1 (176.0)	581.8 (170.4)	562.6 (164.7)	543.3 (159.1)	524.0 (153.4)	504.8 (147.8)	
BVD080A2 Compressor Model 6DJ3-4000	55 (12.8)		1159.2 (339.4)	1125.4 (329.5)	1091.7 (319.6)	1058.0 (309.8)	1024.3 (299.9)	990.5 (290.0)	---	---
	50 (10.0)		1067.0 (312.4)	1027.6 (300.9)	988.3 (289.4)	949.0 (277.9)	909.7 (266.3)	---	---	---
	45 (7.2)		987.3 (289.1)	957.8 (280.4)	928.2 (271.8)	898.6 (263.1)	869.0 (254.4)	839.4 (245.8)	809.8 (237.1)	
	40 (4.4)		906.9 (265.6)	879.4 (257.5)	851.9 (249.4)	824.4 (241.4)	796.8 (233.3)	769.3 (225.3)	741.8 (217.2)	
	35 (1.7)		830.3 (243.1)	804.8 (235.6)	779.2 (228.2)	753.7 (220.7)	728.2 (213.2)	702.7 (205.7)	677.2 (198.3)	
	30 (-1.1)		758.0 (221.9)	734.0 (214.9)	710.0 (207.9)	686.1 (200.9)	662.1 (193.9)	638.1 (186.8)	614.1 (179.8)	
BVD100A2 Compressor Model 6F-50.2	55 (12.8)		1378.1 (403.5)	1399.9 (409.9)	1301.7 (381.1)	1263.5 (370.0)	1225.3 (358.8)	1187.1 (347.6)	-	-
	50 (10.0)		1268.3 (371.4)	1233.2 (361.1)	1198.0 (350.8)	1162.9 (340.5)	1127.7 (330.2)	1092.6 (319.9)	-	-
	45 (7.2)		1164.3 (340.9)	1132.0 (331.5)	1099.7 (322.0)	1067.4 (312.5)	1035.2 (303.1)	1002.9 (293.6)	970.6 (284.2)	
	40 (4.4)		1065.9 (312.1)	1036.3 (303.4)	1006.7 (294.8)	977.1 (286.1)	947.4 (277.4)	917.8 (268.7)	888.2 (260.1)	
	35 (1.7)		973.0 (284.9)	945.9 (277.0)	918.7 (269.0)	891.6 (261.1)	864.5 (253.1)	837.3 (245.2)	810.2 (237.2)	
	30 (-1.1)		886.4 (259.5)	861.2 (252.2)	835.9 (244.8)	810.7 (237.4)	785.4 (230.0)	760.2 (222.6)	734.9 (215.2)	

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE ° F ° C		AMBIENT TEMPERATURE ° F (° C)							
			85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
			BVD030H2	45 (7.2)	420.2 (123.0)	407.4 (119.3)	394.8 (115.6)	382.2 (111.9)	369.8 (108.3)	357.6 (104.7)
Compressor	40 (4.4)	385.2 (112.8)	373.4 (109.3)	361.8 (105.9)	350.4 (102.6)	339.0 (99.3)	328.0 (96.0)	317.0 (92.8)		
3DS3A150E	35 (1.7)	352.0 (103.1)	341.2 (99.9)	330.8 (96.9)	320.4 (93.8)	310.0 (90.8)	300.0 (87.8)	290.2 (85.0)		
BVD040H2	45 (7.2)	461.8 (135.2)	447.2 (130.9)	432.4 (126.6)	417.4 (122.2)	401.6 (117.6)	385.0 (112.7)	367.2 (107.5)		
Compressor	40 (4.4)	420.6 (123.2)	407.4 (119.3)	394.2 (115.4)	380.6 (111.4)	366.4 (107.3)	351.4 (102.9)	335.2 (98.1)		
4DA3-200E	35 (1.7)	381.6 (111.7)	369.8 (108.3)	358.0 (104.8)	346.0 (101.3)	333.4 (97.6)	319.8 (93.6)	305.4 (89.4)		
BVD050H2	45 (7.2)	573.6 (168.0)	555.6 (162.7)	537.6 (157.4)	519.6 (152.1)	501.6 (146.9)	483.8 (141.7)	466.0 (136.4)		
Compressor	40 (4.4)	529.4 (155.0)	512.6 (150.1)	495.6 (145.1)	478.8 (140.2)	462.0 (135.3)	445.2 (130.4)	428.4 (125.4)		
4DH3-250E	35 (1.7)	485.6 (142.2)	470.0 (137.6)	454.2 (133.0)	438.4 (128.4)	422.6 (123.7)	407.0 (119.2)	391.2 (114.5)		
BVD060H2	45 (7.2)	678.0 (198.5)	657.6 (192.5)	636.8 (186.5)	615.8 (180.3)	594.2 (174.0)	572.2 (167.5)	549.2 (160.8)		
Compressor	40 (4.4)	623.0 (182.4)	604.0 (176.9)	585.0 (171.3)	565.4 (165.5)	545.4 (159.7)	524.8 (153.7)	503.6 (147.5)		
4DJ3-300E	35 (1.7)	570.2 (167.0)	552.6 (161.8)	534.8 (156.6)	516.8 (151.3)	498.4 (145.9)	479.4 (140.4)	459.8 (134.6)		
BVD070H2	45 (7.2)	825.8 (241.8)	799.0 (233.9)	772.2 (226.1)	746.0 (218.4)	720.0 (210.8)	694.4 (203.3)	669.2 (195.9)		
Compressor	40 (4.4)	757.2 (221.7)	732.6 (214.5)	708.2 (207.4)	684.2 (200.3)	660.4 (193.4)	637.0 (186.5)	613.8 (179.7)		
6DH3-350E	35 (1.7)	692.4 (202.7)	670.0 (196.2)	647.8 (189.7)	625.8 (183.2)	604.2 (176.9)	582.8 (170.6)	561.8 (164.5)		
BVD080H2	45 (7.2)	991.4 (290.3)	960.4 (281.2)	929.6 (272.2)	898.8 (263.2)	867.8 (254.1)	836.8 (245.0)	805.4 (235.8)		
Compressor	40 (4.4)	913.0 (267.3)	884.6 (259.0)	856.4 (250.8)	828.2 (242.5)	799.8 (234.2)	771.4 (225.9)	742.8 (217.5)		
6DJ3-400E	35 (1.7)	838.0 (245.4)	812.2 (237.8)	786.4 (230.3)	760.6 (222.7)	734.8 (215.1)	708.8 (207.5)	682.6 (199.9)		
BVD100H2	45 (7.2)	1152.8 (337.5)	1120.4 (328.1)	1088.0 (318.6)	1056.0 (309.2)	1024.0 (299.8)	---	---		
Compressor	40 (4.4)	1056.4 (309.3)	1026.4 (300.5)	996.6 (291.8)	967.2 (283.2)	937.8 (274.6)	---	---		
6F-50.2Y	35 (1.7)	965.0 (282.6)	937.6 (274.5)	910.2 (266.5)	883.2 (258.6)	856.2 (250.7)	---	---		

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		AMBIENT TEMPERATURE ° F (° C)							
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
BVD030M8 Compressor Model 3DS3A150E	30	(-1.1)	320.8 (93.9)	311.0 (91.1)	301.4 (88.2)	292.0 (85.5)	282.8 (82.8)	273.8 (80.2)	265.0 (77.6)	
	25	(-3.9)	291.4 (85.3)	282.6 (82.7)	273.8 (80.2)	265.4 (77.7)	257.2 (75.3)	249.0 (72.9)	241.2 (70.6)	
	20	(-6.7)	263.8 (77.2)	255.8 (74.9)	248.0 (72.6)	240.4 (70.4)	233.0 (68.2)	225.8 (66.1)	219.0 (64.1)	
	15	(-9.4)	238.0 (69.7)	230.8 (67.6)	223.8 (65.5)	217.0 (63.5)	210.4 (61.6)	204.0 (59.7)	198.0 (58.0)	
	10	(-12.2)	213.8 (62.6)	207.4 (60.7)	201.0 (58.9)	195.0 (57.1)	189.2 (55.4)	183.6 (53.8)	178.2 (52.2)	
	5	(-15.0)	191.2 (56.0)	185.4 (54.3)	179.8 (52.6)	174.4 (51.1)	169.2 (49.5)	164.2 (48.1)	159.6 (46.7)	
	0	(-17.8)	170.0 (49.8)	164.8 (48.3)	159.8 (46.8)	155.0 (45.4)	150.4 (44.0)	146.2 (42.8)	142.2 (41.6)	
BVD040M8 Compressor Model 4DA3-200E	30	(-1.1)	345.4 (101.1)	334.8 (98.0)	324.2 (94.9)	313.6 (91.8)	302.4 (88.5)	290.4 (85.0)	277.2 (81.2)	
	25	(-3.9)	311.4 (91.2)	302.0 (88.4)	292.6 (85.7)	283.2 (82.9)	273.4 (80.1)	262.8 (76.9)	251.0 (73.5)	
	20	(-6.7)	279.8 (81.9)	271.4 (79.5)	263.2 (77.1)	255.0 (74.7)	246.4 (72.1)	237.0 (69.4)	226.8 (66.4)	
	15	(-9.4)	250.4 (73.3)	243.0 (71.2)	236.0 (69.1)	228.8 (67.0)	221.4 (64.8)	213.2 (62.4)	204.0 (59.7)	
	10	(-12.2)	223.4 (65.4)	216.8 (63.5)	210.6 (61.7)	204.4 (59.8)	198.0 (58.0)	191.0 (55.9)	183.0 (53.6)	
	5	(-15.0)	198.4 (58.1)	192.6 (56.4)	187.2 (54.8)	182.0 (53.3)	176.6 (51.7)	170.4 (49.9)	163.4 (47.8)	
	0	(-17.8)	175.2 (51.3)	170.2 (49.8)	165.6 (48.5)	161.2 (47.2)	156.6 (45.9)	151.4 (44.3)	145.2 (42.5)	
BVD050M8 Compressor Model 4DH3-250E	30	(-1.1)	442.8 (129.7)	428.2 (125.4)	413.4 (121.0)	398.8 (116.8)	384.2 (112.5)	369.4 (108.2)	354.8 (103.9)	
	25	(-3.9)	401.0 (117.4)	387.4 (113.4)	374.0 (109.5)	360.4 (105.5)	346.8 (101.5)	333.2 (97.6)	319.6 (93.6)	
	20	(-6.7)	360.8 (105.6)	348.4 (102.0)	336.0 (98.4)	323.6 (94.8)	311.0 (91.1)	298.4 (87.4)	285.8 (83.7)	
	15	(-9.4)	322.6 (94.5)	311.4 (91.2)	300.2 (87.9)	288.8 (84.6)	277.2 (81.2)	265.8 (77.8)	254.2 (74.4)	
	10	(-12.2)	286.8 (84.0)	276.8 (81.0)	266.6 (78.1)	256.4 (75.1)	246.0 (72.0)	235.4 (68.9)	225.0 (65.9)	
	5	(-15.0)	254.2 (74.4)	245.2 (71.8)	236.2 (69.2)	226.8 (66.4)	217.6 (63.7)	208.0 (60.9)	198.6 (58.2)	
	0	(-17.8)	224.8 (65.8)	217.0 (63.5)	209.0 (61.2)	200.8 (58.8)	192.4 (56.3)	184.0 (53.9)	175.6 (51.4)	
BVD060M8 Compressor Model 4DJ3-300E	30	(-1.1)	519.6 (152.1)	503.2 (147.3)	486.8 (142.5)	470.4 (137.7)	453.4 (132.8)	436.0 (127.7)	417.8 (122.3)	
	25	(-3.9)	471.0 (137.9)	456.0 (133.5)	441.2 (129.2)	426.0 (124.7)	410.6 (120.2)	394.6 (115.5)	378.2 (110.7)	
	20	(-6.7)	425.0 (124.4)	411.2 (120.4)	397.6 (116.4)	384.0 (112.4)	370.0 (108.3)	355.6 (104.1)	340.8 (99.8)	
	15	(-9.4)	381.4 (111.7)	369.0 (108.0)	356.8 (104.5)	344.4 (100.8)	332.0 (97.2)	319.0 (93.4)	305.6 (89.5)	
	10	(-12.2)	340.4 (99.7)	329.2 (96.4)	318.4 (93.2)	307.6 (90.1)	296.4 (86.8)	285.0 (83.4)	273.2 (80.0)	
	5	(-15.0)	302.2 (88.5)	292.4 (85.6)	282.8 (82.8)	273.4 (80.1)	263.6 (77.2)	253.8 (74.3)	243.4 (71.3)	
	0	(-17.8)	267.0 (78.2)	258.4 (75.7)	250.2 (73.3)	242.0 (70.9)	233.8 (68.5)	225.4 (66.0)	216.6 (63.4)	
BVD070M8 Compressor Model 6DH3-350E	30	(-1.1)	631.2 (184.8)	611.0 (178.9)	591.0 (173.0)	571.0 (167.2)	551.2 (161.4)	531.8 (155.7)	512.6 (150.1)	
	25	(-3.9)	573.8 (168.0)	555.6 (162.7)	537.4 (157.4)	519.4 (152.1)	501.6 (146.9)	484.0 (141.7)	466.6 (136.6)	
	20	(-6.7)	520.2 (152.3)	503.8 (147.5)	487.4 (142.7)	471.2 (138.0)	455.2 (133.3)	439.2 (128.6)	423.4 (124.0)	
	15	(-9.4)	470.0 (137.6)	455.4 (133.3)	440.8 (129.1)	426.2 (124.8)	411.6 (120.5)	397.2 (116.3)	383.0 (112.1)	
	10	(-12.2)	423.4 (124.0)	410.4 (120.2)	397.4 (116.4)	384.2 (112.5)	371.2 (108.7)	358.2 (104.9)	345.2 (101.1)	
	5	(-15.0)	380.2 (111.3)	368.6 (107.9)	357.0 (104.5)	345.2 (101.1)	333.4 (97.6)	321.6 (94.2)	310.0 (90.8)	
	0	(-17.8)	340.0 (99.6)	329.8 (96.6)	319.6 (93.6)	309.0 (90.5)	298.4 (87.4)	287.6 (84.2)	277.0 (81.1)	
BVD080M8 Compressor Model 6DJ3-400E	30	(-1.1)	766.4 (224.4)	742.8 (217.5)	719.4 (210.6)	696.0 (203.8)	672.6 (196.9)	649.0 (190.0)	625.2 (183.1)	
	25	(-3.9)	698.2 (204.4)	676.8 (198.2)	655.6 (192.0)	634.4 (185.8)	613.2 (179.5)	592.0 (173.3)	570.6 (167.1)	
	20	(-6.7)	633.6 (185.5)	614.2 (179.8)	595.0 (174.2)	576.0 (168.7)	557.0 (163.1)	538.0 (157.5)	518.8 (151.9)	
	15	(-9.4)	572.4 (167.6)	555.0 (162.5)	537.8 (157.5)	520.8 (152.5)	504.0 (147.6)	487.0 (142.6)	469.8 (137.6)	
	10	(-12.2)	514.8 (150.7)	499.2 (146.2)	484.0 (141.7)	468.8 (137.3)	453.8 (132.9)	438.8 (128.5)	423.6 (124.0)	
	5	(-15.0)	460.6 (134.9)	446.8 (130.8)	433.4 (126.9)	420.0 (123.0)	406.8 (119.1)	393.6 (115.2)	380.2 (111.3)	
	0	(-17.8)	410.2 (120.1)	398.0 (116.5)	386.2 (113.1)	374.6 (109.7)	363.0 (106.3)	351.4 (102.9)	339.8 (99.5)	
BVD100M8 Compressor Model 6F-50.2Y	30	(-1.1)	878.8 (257.3)	853.6 (249.9)	828.6 (242.6)	803.8 (235.4)	779.2 (228.1)	---	---	
	25	(-3.9)	797.6 (233.5)	774.6 (226.8)	751.8 (220.1)	729.2 (213.5)	706.8 (207.0)	684.4 (200.4)	---	
	20	(-6.7)	721.6 (211.3)	700.4 (205.1)	679.8 (199.0)	659.2 (193.0)	638.8 (187.0)	618.4 (181.1)	---	
	15	(-9.4)	650.2 (190.4)	631.2 (184.8)	612.2 (179.3)	593.6 (173.8)	575.0 (168.4)	556.8 (163.0)	---	
	10	(-12.2)	583.8 (170.9)	566.4 (165.8)	549.2 (160.8)	532.4 (155.9)	515.6 (151.0)	499.0 (146.1)	482.4 (141.2)	
	5	(-15.0)	521.8 (152.8)	506.0 (148.2)	490.6 (143.6)	475.2 (139.1)	460.2 (134.7)	445.2 (130.4)	430.2 (126.0)	
	0	(-17.8)	464.4 (136.0)	450.2 (131.8)	436.0 (127.7)	422.2 (123.6)	408.4 (119.6)	394.8 (115.6)	381.4 (111.7)	

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		AMBIENT TEMPERATURE ° F (° C)							
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
BVD030M8 Compressor Model 3DS3A150E	30 (-1.1)		335.0 (98.1)	320.0 (93.7)	305.2 (89.4)	290.6 (85.1)	276.0 (80.8)	261.4 (76.5)	247.0 (72.3)	
	25 (-3.9)		306.2 (89.7)	292.6 (85.7)	279.4 (81.8)	266.2 (77.9)	253.0 (74.1)	239.8 (70.2)	226.8 (66.4)	
	20 (-6.7)		278.8 (81.6)	266.8 (78.1)	254.8 (74.6)	243.0 (71.2)	231.2 (67.7)	219.4 (64.2)	207.6 (60.8)	
	15 (-9.4)		253.2 (74.1)	242.4 (71.0)	231.6 (67.8)	221.0 (64.7)	210.4 (61.6)	200.0 (58.6)	189.4 (55.5)	
	10 (-12.2)		229.0 (67.1)	219.4 (64.2)	209.8 (61.4)	200.4 (58.7)	191.0 (55.9)	181.6 (53.2)	172.2 (50.4)	
	5 (-15.0)		206.4 (60.4)	197.8 (57.9)	189.4 (55.5)	181.0 (53.0)	172.6 (50.5)	164.2 (48.1)	155.8 (45.6)	
	0 (-17.8)		185.6 (54.3)	177.8 (52.1)	170.4 (49.9)	162.8 (47.7)	155.4 (45.5)	147.8 (43.3)	140.4 (41.1)	
BVD040M8 Compressor Model 4DA3-200E	30 (-1.1)		354.6 (103.8)	337.2 (98.7)	319.8 (93.6)	302.6 (88.6)	285.4 (83.6)	268.4 (78.6)	251.6 (73.7)	
	25 (-3.9)		324.6 (95.0)	308.6 (90.4)	292.6 (85.7)	276.6 (81.0)	260.8 (76.4)	245.2 (71.8)	229.8 (67.3)	
	20 (-6.7)		295.6 (86.6)	281.0 (82.3)	266.2 (77.9)	251.6 (73.7)	237.2 (69.5)	222.8 (65.2)	208.6 (61.1)	
	15 (-9.4)		268.0 (78.5)	254.4 (74.5)	241.0 (70.6)	227.6 (66.6)	214.4 (62.8)	201.4 (59.0)	188.6 (55.2)	
	10 (-12.2)		241.6 (70.7)	229.4 (67.2)	217.0 (63.5)	205.0 (60.0)	192.8 (56.5)	181.0 (53.0)	169.4 (49.6)	
	5 (-15.0)		216.8 (63.5)	205.6 (60.2)	194.6 (57.0)	183.6 (53.8)	172.6 (50.5)	162.0 (47.4)	151.4 (44.3)	
	0 (-17.8)		193.6 (56.7)	183.6 (53.8)	173.6 (50.8)	163.6 (47.9)	153.8 (45.0)	144.2 (42.2)	134.8 (39.5)	
BVD050M8 Compressor Model 4DH3-250E	30 (-1.1)		439.0 (128.5)	419.0 (122.7)	399.4 (116.9)	380.0 (111.3)	361.0 (105.7)	342.0 (100.1)	323.2 (94.6)	
	25 (-3.9)		403.6 (118.2)	385.2 (112.8)	367.0 (107.5)	349.2 (102.2)	331.6 (97.1)	314.2 (92.0)	296.8 (86.9)	
	20 (-6.7)		368.8 (108.0)	351.8 (103.0)	335.2 (98.1)	319.0 (93.4)	302.8 (88.7)	286.8 (84.0)	270.8 (79.3)	
	15 (-9.4)		335.2 (98.1)	319.6 (93.6)	304.6 (89.2)	289.6 (84.8)	275.0 (80.5)	260.2 (76.2)	245.6 (71.9)	
	10 (-12.2)		302.8 (88.7)	288.8 (84.6)	275.2 (80.6)	261.8 (76.7)	248.4 (72.7)	235.2 (68.9)	221.6 (64.9)	
	5 (-15.0)		272.4 (79.8)	260.0 (76.1)	247.6 (72.5)	235.6 (69.0)	223.6 (65.5)	211.6 (62.0)	199.4 (58.4)	
	0 (-17.8)		244.2 (71.5)	233.2 (68.3)	222.4 (65.1)	211.8 (62.0)	201.0 (58.9)	190.4 (55.7)	179.4 (52.5)	
BVD060M8 Compressor Model 4DJ3-300E	30 (-1.1)		532.0 (155.8)	507.6 (148.6)	483.2 (141.5)	459.0 (134.4)	434.6 (127.3)	410.2 (120.1)	385.6 (112.9)	
	25 (-3.9)		487.4 (142.7)	465.0 (136.2)	442.8 (129.7)	420.6 (123.2)	398.4 (116.7)	376.2 (110.2)	353.6 (103.5)	
	20 (-6.7)		444.4 (130.1)	424.2 (124.2)	404.0 (118.3)	383.8 (112.4)	363.8 (106.5)	343.6 (100.6)	323.2 (94.6)	
	15 (-9.4)		403.6 (118.2)	385.2 (112.8)	366.8 (107.4)	348.8 (102.1)	330.6 (96.8)	312.6 (91.5)	294.2 (86.1)	
	10 (-12.2)		364.6 (106.8)	348.0 (101.9)	331.6 (97.1)	315.4 (92.3)	299.4 (87.7)	283.0 (82.9)	266.8 (78.1)	
	5 (-15.0)		327.8 (96.0)	313.0 (91.6)	298.4 (87.4)	284.0 (83.2)	269.6 (78.9)	255.2 (74.7)	240.8 (70.5)	
	0 (-17.8)		293.4 (85.9)	280.2 (82.0)	267.2 (78.2)	254.6 (74.5)	241.8 (70.8)	229.2 (67.1)	216.4 (63.4)	
BVD070M8 Compressor Model 6DH3-350E	30 (-1.1)		666.4 (195.1)	636.4 (186.3)	606.4 (177.6)	576.0 (168.7)	545.4 (159.7)	514.4 (150.6)	483.4 (141.5)	
	25 (-3.9)		609.8 (178.5)	582.6 (170.6)	555.2 (162.6)	527.6 (154.5)	499.8 (146.3)	471.8 (138.1)	443.6 (129.9)	
	20 (-6.7)		556.2 (162.9)	531.4 (155.6)	506.6 (148.3)	481.6 (141.0)	456.6 (133.7)	431.2 (126.3)	405.8 (118.8)	
	15 (-9.4)		505.6 (148.0)	483.2 (141.5)	460.8 (134.9)	438.2 (128.3)	415.4 (121.6)	392.6 (115.0)	369.6 (108.2)	
	10 (-12.2)		458.0 (134.1)	437.8 (128.2)	417.4 (122.2)	397.0 (116.2)	376.6 (110.3)	356.0 (104.2)	335.2 (98.1)	
	5 (-15.0)		413.4 (121.0)	395.2 (115.7)	376.8 (110.3)	358.2 (104.9)	339.8 (99.5)	321.2 (94.0)	302.6 (88.6)	
	0 (-17.8)		372.2 (109.0)	355.4 (104.1)	338.6 (99.1)	321.8 (94.2)	305.2 (89.4)	288.4 (84.4)	271.6 (79.5)	
BVD080M8 Compressor Model 6DJ3-400E	30 (-1.1)		781.6 (228.9)	747.8 (219.0)	714.0 (209.1)	679.8 (199.0)	645.2 (188.9)	610.0 (178.6)	574.0 (168.1)	
	25 (-3.9)		718.0 (210.2)	687.0 (201.2)	656.0 (192.1)	624.8 (182.9)	593.2 (173.7)	561.0 (164.3)	528.2 (154.7)	
	20 (-6.7)		657.0 (192.4)	628.6 (184.1)	600.2 (175.7)	571.8 (167.4)	543.2 (159.0)	514.0 (150.5)	484.0 (141.7)	
	15 (-9.4)		598.8 (175.3)	572.8 (167.7)	547.0 (160.2)	521.2 (152.6)	495.2 (145.0)	468.8 (137.3)	441.8 (129.4)	
	10 (-12.2)		543.6 (159.2)	520.0 (152.3)	496.4 (145.3)	473.2 (138.6)	449.8 (131.7)	426.0 (124.7)	401.6 (117.6)	
	5 (-15.0)		491.4 (143.9)	470.0 (137.6)	448.8 (131.4)	427.8 (125.3)	406.6 (119.1)	385.4 (112.8)	363.6 (106.5)	
	0 (-17.8)		442.8 (129.7)	423.2 (123.9)	404.0 (118.3)	385.0 (112.7)	366.2 (107.2)	347.2 (101.7)	327.8 (96.0)	
BVD100M8 Compressor Model 6F-50.2Y	30 (-1.1)		886.6 (259.6)	846.4 (247.8)	805.4 (235.8)	763.8 (223.6)	721.2 (211.2)	--- ---	---	
	25 (-3.9)		813.0 (238.0)	776.4 (227.3)	739.2 (216.4)	701.4 (205.4)	662.8 (194.1)	623.4 (182.5)	---	
	20 (-6.7)		742.6 (217.4)	709.6 (207.8)	676.0 (197.9)	641.8 (187.9)	606.8 (177.7)	571.2 (167.2)	---	
	15 (-9.4)		675.8 (197.9)	646.0 (189.1)	615.6 (180.2)	584.8 (171.2)	553.2 (162.0)	521.2 (152.6)	---	
	10 (-12.2)		612.4 (179.3)	585.6 (171.5)	558.4 (163.5)	530.6 (155.4)	502.2 (147.0)	473.4 (138.6)	444.2 (130.1)	
	5 (-15.0)		552.6 (161.8)	528.6 (154.8)	504.0 (147.6)	479.0 (140.3)	453.8 (132.9)	428.0 (125.3)	402.0 (117.7)	
	0 (-17.8)		496.6 (145.4)	474.8 (139.0)	452.8 (132.6)	430.4 (126.0)	407.8 (119.4)	384.8 (112.7)	361.6 (115.9)	

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		AMBIENT TEMPERATURE ° F (° C)							
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
BVD020L6 Compressor Model 3DS3A100E	0 (-17.8)	170.6 (50.0)	163.6 (47.9)	156.4 (45.8)	149.2 (43.7)	142.0 (41.6)	135.0 (39.5)	---	---	
	-5 (-20.6)	154.6 (45.3)	148.2 (43.4)	141.6 (41.5)	135.2 (39.6)	128.6 (37.7)	122.4 (35.8)	---	---	
	-10 (-23.3)	139.2 (40.8)	133.4 (39.1)	127.6 (37.4)	121.8 (35.7)	115.8 (33.9)	110.2 (32.3)	104.4 (30.6)		
	-15 (-26.1)	124.6 (36.5)	119.4 (35.0)	114.2 (33.4)	109.0 (31.9)	103.6 (30.3)	98.4 (28.8)	93.4 (27.3)		
	-20 (-28.9)	110.8 (32.4)	106.2 (31.1)	101.6 (29.7)	96.8 (28.3)	92.0 (26.9)	87.4 (25.6)	82.6 (24.2)		
	-25 (-31.7)	98.0 (28.7)	93.8 (27.5)	89.6 (26.2)	85.4 (25.0)	81.0 (23.7)	76.8 (22.5)	72.6 (21.3)		
	-30 (-34.4)	86.0 (25.2)	82.4 (24.1)	78.6 (23.0)	74.6 (21.8)	70.6 (20.7)	66.8 (19.6)	62.8 (18.4)		
	-35 (-37.2)	75.0 (22.0)	71.6 (21.0)	68.2 (20.0)	64.6 (18.9)	61.0 (17.9)	57.2 (16.7)	53.6 (15.7)		
	-40 (-40.0)	64.8 (19.0)	61.8 (18.1)	58.6 (17.2)	55.2 (16.2)	51.8 (15.2)	48.4 (14.2)	45.0 (13.2)		
BVD030L6 Compressor Model 4DL3-150E	0 (-17.8)	230.2 (67.4)	220.8 (64.7)	211.6 (62.0)	202.4 (59.3)	193.2 (56.6)	183.4 (53.7)	---	---	
	-5 (-20.6)	208.0 (60.9)	199.6 (58.4)	191.4 (56.0)	183.0 (53.6)	174.6 (51.1)	165.6 (48.5)	---	---	
	-10 (-23.3)	187.8 (55.0)	180.2 (52.8)	172.6 (50.5)	165.2 (48.4)	157.4 (46.1)	149.4 (43.7)	140.6 (41.2)		
	-15 (-26.1)	169.0 (49.5)	162.0 (47.4)	155.4 (45.5)	148.6 (43.5)	141.6 (41.5)	134.2 (39.3)	126.2 (37.0)		
	-20 (-28.9)	151.4 (44.3)	145.2 (42.5)	139.2 (40.8)	133.2 (39.0)	126.8 (37.1)	120.2 (35.2)	112.8 (33.0)		
	-25 (-31.7)	134.8 (39.5)	129.4 (37.9)	124.0 (36.3)	118.6 (34.7)	112.8 (33.0)	106.6 (31.2)	99.8 (29.2)		
	-30 (-34.4)	119.2 (34.9)	114.2 (33.4)	109.4 (32.0)	104.4 (30.6)	99.4 (29.1)	93.6 (27.4)	87.2 (25.5)		
	-35 (-37.2)	103.8 (30.4)	99.4 (29.1)	95.0 (27.8)	90.6 (26.5)	86.0 (25.2)	80.8 (23.7)	74.8 (21.9)		
	-40 (-40.0)	88.6 (25.9)	84.6 (24.8)	80.8 (23.7)	76.8 (22.5)	72.4 (21.2)	67.6 (19.8)	62.0 (18.2)		
BVD044L6 Compressor Model 4DT3-220E	0 (-17.8)	280.6 (82.2)	267.4 (78.3)	254.8 (74.6)	242.6 (71.0)	231.0 (67.6)	220.0 (64.4)	---	---	
	-5 (-20.6)	255.0 (74.7)	243.0 (71.2)	231.6 (67.8)	220.6 (64.6)	209.8 (61.4)	199.6 (58.4)	189.6 (55.5)		
	-10 (-23.3)	230.8 (67.6)	220.0 (64.4)	209.6 (61.4)	199.4 (58.4)	189.6 (55.5)	180.0 (52.7)	170.8 (50.0)		
	-15 (-26.1)	207.6 (60.8)	198.0 (58.0)	188.6 (55.2)	179.2 (52.5)	170.2 (49.8)	161.4 (47.3)	152.6 (44.7)		
	-20 (-28.9)	185.8 (54.4)	177.0 (51.8)	168.4 (49.3)	160.0 (46.8)	151.6 (44.4)	143.4 (42.0)	135.0 (39.5)		
	-25 (-31.7)	165.0 (48.3)	157.2 (46.0)	149.4 (43.7)	141.6 (41.5)	133.8 (39.2)	126.0 (36.9)	118.0 (34.6)		
	-30 (-34.4)	145.0 (42.5)	138.0 (40.4)	130.8 (38.3)	123.8 (36.2)	116.4 (34.1)	109.0 (31.9)	101.2 (29.6)		
	-35 (-37.2)	125.8 (36.8)	119.6 (35.0)	113.0 (33.1)	106.4 (31.2)	99.4 (29.1)	92.2 (27.0)	84.8 (24.8)		
	-40 (-40.0)	107.4 (31.4)	101.6 (29.7)	95.6 (28.0)	89.4 (26.2)	82.6 (24.2)	75.6 (22.1)	68.2 (20.0)		
BVD054L6 Compressor Model 6DL3-270E	0 (-17.8)	350.6 (102.7)	335.8 (98.3)	321.2 (94.0)	306.6 (89.8)	291.8 (85.4)	276.8 (81.0)	---	---	
	-5 (-20.6)	318.2 (93.2)	304.8 (89.2)	291.4 (85.3)	278.2 (81.5)	264.8 (77.5)	251.2 (73.6)	---	---	
	-10 (-23.3)	286.6 (83.9)	274.6 (80.4)	262.6 (76.9)	250.6 (73.4)	238.4 (69.8)	225.8 (66.1)	212.8 (62.3)		
	-15 (-26.1)	256.2 (75.0)	245.4 (71.9)	234.6 (68.7)	223.8 (65.5)	212.8 (62.3)	201.4 (59.0)	189.2 (55.4)		
	-20 (-28.9)	227.4 (66.6)	217.6 (63.7)	207.8 (60.8)	198.0 (58.0)	188.0 (55.0)	177.6 (52.0)	166.4 (48.7)		
	-25 (-31.7)	200.2 (58.6)	191.4 (56.0)	182.6 (53.5)	173.6 (50.8)	164.4 (48.1)	154.8 (45.3)	144.4 (42.3)		
	-30 (-34.4)	174.8 (51.2)	166.8 (48.8)	158.8 (46.5)	150.6 (44.1)	142.2 (41.6)	133.2 (39.0)	123.4 (36.1)		
	-35 (-37.2)	151.6 (44.4)	144.2 (42.2)	137.0 (40.1)	129.4 (37.9)	121.4 (35.5)	112.8 (33.0)	103.6 (30.3)		
	-40 (-40.0)	130.6 (38.2)	123.8 (36.2)	117.0 (34.3)	110.0 (32.2)	102.4 (30.0)	94.2 (27.6)	85.2 (24.9)		
BVD060L6 Compressor Model 6DT3-300E	0 (-17.8)	390.4 (114.3)	372.4 (109.0)	354.4 (103.8)	336.6 (98.6)	319.2 (93.5)	302.0 (88.4)	---	---	
	-5 (-20.6)	353.4 (103.5)	337.2 (98.7)	321.2 (94.0)	305.2 (89.4)	289.4 (84.7)	273.8 (80.2)	---	---	
	-10 (-23.3)	318.4 (93.2)	303.8 (89.0)	289.4 (84.7)	275.0 (80.5)	260.8 (76.4)	246.8 (72.3)	---	---	
	-15 (-26.1)	285.0 (83.4)	272.0 (79.6)	259.0 (75.8)	246.2 (72.1)	233.4 (68.3)	220.8 (64.7)	208.4 (61.0)		
	-20 (-28.9)	253.6 (74.3)	242.0 (70.9)	230.4 (67.5)	218.8 (64.1)	207.2 (60.7)	195.8 (57.3)	184.6 (54.1)		
	-25 (-31.7)	224.2 (65.6)	213.8 (62.6)	203.4 (59.6)	192.8 (56.5)	182.2 (53.3)	171.8 (50.3)	161.6 (47.3)		
	-30 (-34.4)	196.8 (57.6)	187.4 (54.9)	178.0 (52.1)	168.2 (49.2)	158.6 (46.4)	149.0 (43.6)	139.4 (40.8)		
	-35 (-37.2)	171.4 (50.2)	163.0 (47.7)	154.2 (45.1)	145.2 (42.5)	136.2 (39.9)	127.0 (37.2)	118.0 (34.6)		
	-40 (-40.0)	148.2 (43.4)	140.2 (41.1)	132.0 (38.6)	123.4 (36.1)	114.8 (33.6)	106.0 (31.0)	97.4 (28.5)		
BVD080L6 Compressor Model 6F-40.2Y	0 (-17.8)	481.8 (141.1)	459.0 (134.4)	436.0 (127.7)	412.2 (120.7)	388.2 (113.7)	363.4 (106.4)	---	---	
	-5 (-20.6)	434.8 (127.3)	414.2 (121.3)	393.4 (115.2)	372.0 (108.9)	350.2 (102.5)	327.8 (96.0)	---	---	
	-10 (-23.3)	390.2 (114.3)	371.6 (108.8)	352.8 (103.3)	333.6 (97.7)	314.0 (91.9)	294.0 (86.1)	273.4 (80.1)		
	-15 (-26.1)	348.0 (101.9)	331.4 (97.0)	314.4 (92.1)	297.2 (87.0)	279.6 (81.9)	261.8 (76.7)	243.4 (71.3)		
	-20 (-28.9)	308.4 (90.3)	293.4 (85.9)	278.4 (81.5)	262.8 (76.9)	247.2 (72.4)	231.2 (67.7)	214.8 (62.9)		
	-25 (-31.7)	271.2 (79.4)	257.8 (75.5)	244.2 (71.5)	230.4 (67.5)	216.6 (63.4)	202.2 (59.2)	187.6 (54.9)		
	-30 (-34.4)	236.6 (69.3)	224.4 (65.7)	212.2 (62.1)	200.0 (58.6)	187.6 (54.9)	175.0 (51.2)	162.0 (47.4)		
	-35 (-37.2)	204.2 (59.8)	193.4 (56.6)	182.4 (53.4)	171.4 (50.2)	160.2 (46.9)	149.0 (43.6)	137.6 (40.3)		
	-40 (-40.0)	174.4 (51.1)	164.4 (48.1)	154.4 (45.2)	144.6 (42.3)	134.6 (39.4)	124.6 (36.5)	114.6 (33.6)		

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		AMBIENT TEMPERATURE ° F (° C)							
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
BVD016V6 Compressor Model S4N-8.2Y	-25 (-31.7)		80.9 (23.7)	80.0 (23.4)	79.1 (23.2)	78.2 (22.9)	77.3 (22.6)	76.4 (22.4)	75.5 (22.1)	
	-30 (-34.4)		73.0 (21.4)	72.2 (21.1)	71.4 (20.9)	70.6 (20.7)	69.8 (20.4)	69.0 (20.2)	68.2 (20.0)	
	-40 (-40.0)		58.7 (17.2)	58.0 (17.0)	57.4 (16.8)	56.7 (16.6)	56.1 (16.4)	55.5 (16.2)	54.8 (16.1)	
	-50 (-45.6)		46.3 (13.6)	45.8 (13.4)	45.3 (13.3)	44.8 (13.1)	44.3 (13.0)	43.7 (12.8)	43.2 (12.7)	
	-60 (-51.1)		35.8 (10.5)	35.4 (10.4)	35.0 (10.2)	34.6 (10.1)	34.1 (10.0)	33.7 (9.9)	33.3 (9.7)	
BVD024V6 Compressor Model S4G-12.2Y	-25 (-31.7)		126.1 (36.9)	124.5 (36.5)	123.0 (36.0)	121.5 (35.6)	120.0 (35.1)	118.5 (34.7)	117.0 (34.2)	
	-30 (-34.4)		115.1 (33.7)	113.6 (33.3)	112.2 (32.8)	110.7 (32.4)	109.3 (32.0)	107.9 (31.6)	106.4 (31.2)	
	-40 (-40.0)		94.3 (27.6)	93.1 (27.3)	91.9 (26.9)	90.7 (26.6)	89.5 (26.2)	88.3 (25.9)	87.1 (25.5)	
	-50 (-45.6)		75.4 (22.1)	74.5 (21.8)	73.6 (21.6)	72.7 (21.3)	71.8 (21.0)	70.9 (20.8)	70.1 (20.5)	
	-60 (-51.1)		58.7 (17.2)	58.1 (17.0)	57.5 (16.8)	56.8 (16.6)	56.2 (16.5)	55.6 (16.3)	54.9 (16.1)	
BVD032V6 Compressor Model S6J-16.2Y	-25 (-31.7)		175.8 (51.5)	173.5 (50.8)	171.2 (50.1)	168.9 (49.4)	166.6 (48.8)	164.3 (48.1)	162.0 (47.4)	
	-30 (-34.4)		161.1 (47.2)	159.1 (46.6)	157.1 (46.0)	155.1 (45.4)	153.2 (44.8)	151.2 (44.3)	149.2 (43.7)	
	-40 (-40.0)		132.8 (38.9)	131.2 (38.4)	129.6 (37.9)	128.0 (37.5)	126.4 (37.0)	124.8 (36.5)	123.1 (36.1)	
	-50 (-45.6)		107.0 (31.3)	105.7 (31.0)	104.5 (30.6)	103.3 (30.2)	102.1 (29.9)	100.8 (29.5)	99.6 (29.2)	
	-60 (-51.1)		84.1 (24.6)	83.2 (24.3)	82.3 (24.1)	81.4 (23.8)	80.5 (23.6)	79.6 (23.3)	78.7 (23.0)	
BVD040V6 Compressor Model S6H-20.2Y	-25 (-31.7)		204.3 (59.8)	201.7 (59.1)	199.1 (58.3)	196.6 (57.6)	194.0 (56.8)	191.4 (56.0)	188.8 (55.3)	
	-30 (-34.4)		186.9 (54.7)	184.5 (54.0)	182.2 (53.3)	179.8 (52.7)	177.5 (52.0)	175.1 (51.3)	172.7 (50.6)	
	-40 (-40.0)		154.0 (45.1)	152.1 (44.5)	150.2 (44.0)	148.3 (43.4)	146.4 (42.9)	144.5 (42.3)	142.6 (41.7)	
	-50 (-45.6)		124.0 (36.3)	122.6 (35.9)	121.2 (35.5)	119.7 (35.0)	118.3 (34.6)	116.8 (34.2)	115.4 (33.8)	
	-60 (-51.1)		97.4 (28.5)	96.4 (28.2)	95.3 (27.9)	94.3 (27.6)	93.2 (27.3)	92.2 (27.0)	91.1 (26.7)	
BVD050V6 Compressor Model S6G-25.2Y	-25 (-31.7)		232.0 (67.9)	229.1 (67.1)	226.2 (66.2)	223.3 (65.4)	220.4 (64.5)	217.5 (63.7)	214.6 (62.8)	
	-30 (-34.4)		212.5 (62.2)	209.8 (61.4)	207.1 (60.6)	204.4 (59.8)	201.7 (59.1)	199.0 (58.3)	196.3 (57.5)	
	-40 (-40.0)		175.4 (51.4)	173.2 (50.7)	171.0 (50.1)	168.8 (49.4)	166.5 (48.8)	164.3 (48.1)	162.1 (47.5)	
	-50 (-45.6)		141.5 (41.4)	139.8 (40.9)	138.1 (40.4)	136.4 (39.9)	134.7 (39.5)	133.0 (39.0)	131.4 (38.5)	
	-60 (-51.1)		111.3 (32.6)	110.1 (32.2)	108.9 (31.9)	107.6 (31.5)	106.4 (31.2)	105.2 (30.8)	104.0 (30.4)	
BVD060V6 Compressor Model S6F-30.2Y	-25 (-31.7)		276.5 (81.0)	272.7 (79.8)	268.9 (78.7)	265.1 (77.6)	261.3 (76.5)	257.5 (75.4)	253.7 (74.3)	
	-30 (-34.4)		253.2 (74.1)	249.8 (73.1)	246.3 (72.1)	242.8 (71.1)	239.4 (70.1)	235.9 (69.1)	232.4 (68.1)	
	-40 (-40.0)		209.1 (61.2)	206.4 (60.4)	203.6 (59.6)	200.8 (58.8)	198.1 (58.0)	195.3 (57.2)	192.5 (56.4)	
	-50 (-45.6)		168.8 (49.4)	166.7 (48.8)	164.6 (48.2)	162.6 (47.6)	160.5 (47.0)	158.4 (46.4)	156.3 (45.8)	
	-60 (-51.1)		132.8 (38.9)	131.3 (38.5)	129.9 (38.0)	128.4 (37.6)	126.9 (37.2)	125.4 (36.7)	123.9 (36.3)	

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE		AMBIENT TEMPERATURE ° F (° C)							
	° F	° C	85 (29.4)	90 (32.2)	95 (35.0)	100 (37.8)	105 (40.6)	110 (43.3)	115 (46.1)	
BVD016V2 Compressor Model S4N-8.2	-30 (-34.4)	63.5 (18.6)	62.8 (18.4)	62.1 (18.2)	61.4 (18.0)	60.7 (17.8)	60.0 (17.6)	59.3 (17.4)		
	-35 (-37.2)	56.1 (16.4)	55.5 (16.2)	54.8 (16.0)	54.2 (15.9)	53.5 (15.7)	52.9 (15.5)	52.2 (15.3)		
	-40 (-40.0)	49.3 (14.4)	48.6 (14.2)	48.0 (14.1)	47.4 (13.9)	46.8 (13.7)	46.2 (13.5)	---		
	-45 (-42.8)	42.9 (12.6)	42.3 (12.4)	41.7 (12.2)	41.1 (12.0)	40.5 (11.9)	---	---		
	-50 (-45.6)	37.0 (10.8)	36.4 (10.7)	35.9 (10.5)	35.3 (10.3)	34.7 (10.2)	---	---		
BVD024V2 Compressor Model S4G-12.2	-30 (-34.4)	95.7 (28.0)	94.6 (27.7)	93.6 (27.4)	92.5 (27.1)	91.5 (26.8)	90.4 (26.5)	89.4 (26.2)		
	-35 (-37.2)	84.6 (24.8)	83.6 (24.5)	82.6 (24.2)	81.6 (23.9)	80.7 (23.6)	79.7 (23.3)	78.7 (23.0)		
	-40 (-40.0)	74.3 (21.7)	73.3 (21.5)	72.4 (21.2)	71.5 (20.9)	70.5 (20.7)	69.6 (20.4)	---		
	-45 (-42.8)	64.7 (18.9)	63.8 (18.7)	62.9 (18.4)	62.0 (18.2)	61.1 (17.9)	---	---		
	-50 (-45.6)	55.8 (16.3)	54.9 (16.1)	54.1 (15.8)	53.2 (15.6)	---	---	---		
BVD032V2 Compressor Model S6J-16.2	-30 (-34.4)	140.3 (41.1)	139.4 (40.8)	138.4 (40.5)	137.5 (40.3)	136.6 (40.0)	135.7 (39.7)	134.8 (39.5)		
	-35 (-37.2)	124.4 (36.4)	123.6 (36.2)	122.7 (35.9)	121.8 (35.7)	120.9 (35.4)	120.0 (35.1)	119.2 (34.9)		
	-40 (-40.0)	109.6 (32.1)	108.7 (31.8)	107.8 (31.6)	107.0 (31.3)	106.1 (31.1)	105.2 (30.8)	---		
	-45 (-42.8)	95.6 (28.0)	94.7 (27.7)	93.8 (27.5)	92.9 (27.2)	92.0 (26.9)	---	---		
	-50 (-45.6)	82.4 (24.1)	81.4 (23.8)	80.4 (23.5)	79.4 (23.3)	---	---	---		
BVD040V2 Compressor Model S6H-20.2	-30 (-34.4)	162.9 (47.7)	161.8 (47.4)	160.8 (47.1)	159.7 (46.8)	158.6 (46.4)	157.6 (46.1)	156.5 (45.8)		
	-35 (-37.2)	144.5 (42.3)	143.5 (42.0)	142.5 (41.7)	141.4 (41.4)	140.4 (41.1)	139.4 (40.8)	---		
	-40 (-40.0)	127.2 (37.3)	126.2 (37.0)	125.2 (36.7)	124.2 (36.4)	123.2 (36.1)	122.2 (35.8)	---		
	-45 (-42.8)	111.0 (32.5)	110.0 (32.2)	108.9 (31.9)	107.9 (31.6)	106.8 (31.3)	---	---		
	-50 (-45.6)	95.7 (28.0)	94.6 (27.7)	93.4 (27.4)	92.3 (27.0)	---	---	---		
BVD050V2 Compressor Model S6G-25.2	-30 (-34.4)	186.6 (54.6)	185.4 (54.3)	184.2 (53.9)	183.0 (53.6)	181.7 (53.2)	180.5 (52.9)	179.3 (52.5)		
	-35 (-37.2)	165.6 (48.5)	164.4 (48.1)	163.2 (47.8)	162.1 (47.5)	160.9 (47.1)	159.7 (46.8)	158.5 (46.4)		
	-40 (-40.0)	145.8 (42.7)	144.6 (42.4)	143.5 (42.0)	142.3 (41.7)	141.2 (41.3)	140.0 (41.0)	---		
	-45 (-42.8)	127.2 (37.2)	126.0 (36.9)	124.8 (36.5)	123.6 (36.2)	122.4 (35.8)	---	---		
	-50 (-45.6)	109.6 (32.1)	108.3 (31.7)	107.0 (31.3)	105.7 (30.9)	---	---	---		
BVD060V2 Compressor Model S6F-30.2	-30 (-34.4)	223.5 (65.4)	222.1 (65.0)	220.6 (64.6)	219.1 (64.2)	217.7 (63.7)	216.2 (63.3)	214.8 (62.9)		
	-35 (-37.2)	198.3 (58.1)	196.9 (57.7)	195.5 (57.2)	194.1 (56.8)	192.7 (56.4)	191.3 (56.0)	189.9 (55.6)		
	-40 (-40.0)	174.6 (51.1)	173.2 (50.7)	171.9 (50.3)	170.5 (49.9)	169.1 (49.5)	167.7 (49.1)	---		
	-45 (-42.8)	152.3 (44.6)	150.9 (44.2)	149.5 (43.8)	148.0 (43.3)	146.6 (42.9)	---	---		
	-50 (-45.6)	131.3 (38.5)	129.8 (38.0)	128.2 (37.5)	126.6 (37.1)	---	---	---		

--- Outside Operating Range

**THE FOLLOWING
SECTION PAGES
19 - 31
CONTAIN 50Hz
CAPACITY DATA**

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		29.4	32.2	35.0	37.8	40.6	43.3	46.1
BVS015A2 Compressor Model 3DS3A1500	12.8	59.6	57.9	56.2	54.6	52.9	51.2	---
	10.0	54.9	53.3	51.8	50.2	48.7	47.1	---
	7.2	50.4	49.0	47.6	46.1	44.7	43.2	41.8
	4.4	46.2	44.9	43.6	42.2	40.9	39.6	38.2
	1.7	42.2	41.0	39.7	38.5	37.3	36.1	34.8
	-1.1	38.5	37.3	36.1	35.0	33.8	32.6	31.5
BVS020A2 Compressor Model 4DA3-2000	12.8	68.6	66.5	64.4	62.2	60.1	58.0	55.9
	10.0	63.9	61.9	59.9	57.8	55.8	53.8	51.8
	7.2	58.9	57.0	55.1	53.2	51.3	49.4	47.4
	4.4	53.7	51.9	50.1	48.3	46.6	44.8	43.0
	1.7	48.4	46.8	45.1	43.5	41.8	40.2	38.5
	-1.1	43.4	41.8	40.3	38.7	37.2	35.6	34.1
BVS025A2 Compressor Model 4DH3-2500	12.8	83.1	79.5	75.9	72.2	68.6	65.0	61.4
	10.0	77.2	73.8	70.4	67.0	63.6	60.2	56.7
	7.2	71.6	69.6	67.5	65.4	63.3	61.3	59.2
	4.4	65.7	63.8	61.8	59.9	58.0	56.1	54.1
	1.7	59.9	58.2	56.4	54.6	52.8	51.0	49.3
	-1.1	54.4	52.8	51.2	49.6	47.9	46.3	44.7
BVS030A2 Compressor Model 4DJ3-3000	12.8	97.8	94.8	91.9	89.0	86.1	83.2	---
	10.0	90.5	87.8	85.1	82.4	79.7	77.0	---
	7.2	83.3	80.9	78.4	75.9	73.4	70.9	68.4
	4.4	76.5	74.2	71.9	69.6	67.3	65.0	62.8
	1.7	64.3	63.3	62.3	61.4	60.4	59.5	58.5
	-1.1	63.5	61.5	59.6	57.6	55.7	53.7	51.8
BVS035A2 Compressor Model 6DH3-3500	12.8	119.8	116.2	112.6	109.1	105.5	102.0	---
	10.0	110.2	106.9	103.6	100.3	97.1	93.8	---
	7.2	101.2	98.1	95.1	92.1	89.1	86.0	83.0
	4.4	92.6	89.8	87.1	84.3	81.5	78.8	76.0
	1.7	84.6	82.0	79.5	77.0	74.4	71.9	69.4
	-1.1	77.2	74.8	72.4	70.0	67.6	65.2	62.8
BVS040A2 Compressor Model 6DJ3-4000	12.8	144.2	140.0	135.9	131.7	127.5	123.3	---
	10.0	132.8	127.9	123.0	118.1	113.2	---	---
	7.2	122.9	119.2	115.5	111.8	108.1	104.5	100.8
	4.4	112.9	109.4	106.0	102.6	99.2	95.7	92.3
	1.7	103.3	100.1	97.0	93.8	90.6	87.4	84.3
	-1.1	94.3	91.3	88.4	85.4	82.4	79.4	76.4
BVS050A2 Compressor Model 6F-50.2	12.8	171.5	174.2	162.0	157.2	152.5	147.7	-
	10.0	157.8	153.5	149.1	144.7	140.3	136.0	-
	7.2	144.9	140.9	136.8	132.8	128.8	124.8	120.8
	4.4	132.6	129.0	125.3	121.6	117.9	114.2	110.5
	1.7	121.1	117.7	114.3	111.0	107.6	104.2	100.8
	-1.1	110.3	107.2	104.0	100.9	97.7	94.6	91.5

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		29.4	32.2	35.0	37.8	40.6	43.3	46.1
BVS015H2 Compressor 3DS3A150E	7.2	52.3	50.7	49.1	47.6	46.0	44.5	43.0
	4.4	47.9	46.5	45.0	43.6	42.2	40.8	39.4
	1.7	43.8	42.5	41.2	39.9	38.6	37.3	36.1
BVS020H2 Compressor 4DA3-200E	7.2	57.5	55.6	53.8	51.9	50.0	47.9	45.7
	4.4	52.3	50.7	49.1	47.4	45.6	43.7	41.7
	1.7	47.5	46.0	44.5	43.1	41.5	39.8	38.0
BVS025H2 Compressor 4DH3-250E	7.2	71.4	69.1	66.9	64.7	62.4	60.2	58.0
	4.4	65.9	63.8	61.7	59.6	57.5	55.4	53.3
	1.7	60.4	58.5	56.5	54.6	52.6	50.6	48.7
BVS030H2 Compressor 4DJ3-300E	7.2	84.4	81.8	79.2	76.6	73.9	71.2	68.3
	4.4	77.5	75.2	72.8	70.4	67.9	65.3	62.7
	1.7	71.0	68.8	66.6	64.3	62.0	59.7	57.2
BVS035H2 Compressor 6DH3-350E	7.2	102.8	99.4	96.1	92.8	89.6	86.4	83.3
	4.4	94.2	91.2	88.1	85.1	82.2	79.3	76.4
	1.7	86.2	83.4	80.6	77.9	75.2	72.5	69.9
BVS040H2 Compressor 6DJ3-400E	7.2	123.4	119.5	115.7	111.8	108.0	104.1	100.2
	4.4	113.6	110.1	106.6	103.1	99.5	96.0	92.4
	1.7	104.3	101.1	97.9	94.6	91.4	88.2	84.9
BVS050H2 Compressor 6F-50.2Y	7.2	143.5	139.4	135.4	131.4	127.4	---	---
	4.4	131.5	127.7	124.0	120.4	116.7	---	---
	1.7	120.1	116.7	113.3	109.9	106.5	---	---

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		29.4	32.2	35.0	37.8	40.6	43.3	46.1
BVS015M8 Compressor 3DS3A150E	-1.1	39.9	38.7	37.5	36.3	35.2	34.1	33.0
	-3.9	36.3	35.2	34.1	33.0	32.0	31.0	30.0
	-6.7	32.8	31.8	30.9	29.9	29.0	28.1	27.3
	-9.4	29.6	28.7	27.8	27.0	26.2	25.4	24.6
	-12.2	26.6	25.8	25.0	24.3	23.5	22.8	22.2
	-15.0	23.8	23.1	22.4	21.7	21.1	20.4	19.9
	-17.8	21.2	20.5	19.9	19.3	18.7	18.2	17.7
BVS020M8 Compressor 4DA3-200E	-1.1	43.0	41.7	40.3	39.0	37.6	36.1	34.5
	-3.9	38.8	37.6	36.4	35.2	34.0	32.7	31.2
	-6.7	34.8	33.8	32.8	31.7	30.7	29.5	28.2
	-9.4	31.2	30.2	29.4	28.5	27.6	26.5	25.4
	-12.2	27.8	27.0	26.2	25.4	24.6	23.8	22.8
	-15.0	24.7	24.0	23.3	22.6	22.0	21.2	20.3
	-17.8	21.8	21.2	20.6	20.1	19.5	18.8	18.1
BVS025M8 Compressor 4DH3-250E	-1.1	55.1	53.3	51.4	49.6	47.8	46.0	44.2
	-3.9	49.9	48.2	46.5	44.8	43.2	41.5	39.8
	-6.7	44.9	43.4	41.8	40.3	38.7	37.1	35.6
	-9.4	40.1	38.8	37.4	35.9	34.5	33.1	31.6
	-12.2	35.7	34.4	33.2	31.9	30.6	29.3	28.0
	-15.0	31.6	30.5	29.4	28.2	27.1	25.9	24.7
	-17.8	28.0	27.0	26.0	25.0	23.9	22.9	21.9
BVS030M8 Compressor 4DJ3-300E	-1.1	64.7	62.6	60.6	58.5	56.4	54.3	52.0
	-3.9	58.6	56.7	54.9	53.0	51.1	49.1	47.1
	-6.7	52.9	51.2	49.5	47.8	46.0	44.3	42.4
	-9.4	47.5	45.9	44.4	42.9	41.3	39.7	38.0
	-12.2	42.4	41.0	39.6	38.3	36.9	35.5	34.0
	-15.0	37.6	36.4	35.2	34.0	32.8	31.6	30.3
	-17.8	33.2	32.2	31.1	30.1	29.1	28.0	27.0
BVS035M8 Compressor 6DH3-350E	-1.1	78.5	76.0	73.5	71.1	68.6	66.2	63.8
	-3.9	71.4	69.1	66.9	64.6	62.4	60.2	58.1
	-6.7	64.7	62.7	60.7	58.6	56.6	54.7	52.7
	-9.4	58.5	56.7	54.9	53.0	51.2	49.4	47.7
	-12.2	52.7	51.1	49.5	47.8	46.2	44.6	43.0
	-15.0	47.3	45.9	44.4	43.0	41.5	40.0	38.6
	-17.8	42.3	41.0	39.8	38.5	37.1	35.8	34.5
BVS040M8 Compressor 6DJ3-400E	-1.1	95.4	92.4	89.5	86.6	83.7	80.8	77.8
	-3.9	86.9	84.2	81.6	78.9	76.3	73.7	71.0
	-6.7	78.8	76.4	74.0	71.7	69.3	66.9	64.6
	-9.4	71.2	69.1	66.9	64.8	62.7	60.6	58.5
	-12.2	64.1	62.1	60.2	58.3	56.5	54.6	52.7
	-15.0	57.3	55.6	53.9	52.3	50.6	49.0	47.3
	-17.8	51.0	49.5	48.1	46.6	45.2	43.7	42.3
BVS050M8 Compressor 6F-50.2Y	-1.1	109.4	106.2	103.1	100.0	97.0	---	---
	-3.9	99.3	96.4	93.6	90.7	88.0	85.2	---
	-6.7	89.8	87.2	84.6	82.0	79.5	77.0	---
	-9.4	80.9	78.5	76.2	73.9	71.6	69.3	---
	-12.2	72.6	70.5	68.3	66.3	64.2	62.1	60.0
	-15.0	64.9	63.0	61.1	59.1	57.3	55.4	53.5
	-17.8	57.8	56.0	54.3	52.5	50.8	49.1	47.5

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		29.4	32.2	35.0	37.8	40.6	43.3	46.1
BVS015M8 Compressor Model 3DS3A150E	-1.1	41.7	39.8	38.0	36.2	34.3	32.5	30.7
	-3.9	38.1	36.4	34.8	33.1	31.5	29.8	28.2
	-6.7	34.7	33.2	31.7	30.2	28.8	27.3	25.8
	-9.4	31.5	30.2	28.8	27.5	26.2	24.9	23.6
	-12.2	28.5	27.3	26.1	24.9	23.8	22.6	21.4
	-15.0	25.7	24.6	23.6	22.5	21.5	20.4	19.4
	-17.8	23.1	22.1	21.2	20.3	19.3	18.4	17.5
BVS020M8 Compressor Model 4DA3-200E	-1.1	44.1	42.0	39.8	37.7	35.5	33.4	31.3
	-3.9	40.4	38.4	36.4	34.4	32.5	30.5	28.6
	-6.7	36.8	35.0	33.1	31.3	29.5	27.7	26.0
	-9.4	33.3	31.7	30.0	28.3	26.7	25.1	23.5
	-12.2	30.1	28.5	27.0	25.5	24.0	22.5	21.1
	-15.0	27.0	25.6	24.2	22.8	21.5	20.2	18.8
	-17.8	24.1	22.8	21.6	20.4	19.1	17.9	16.8
BVS025M8 Compressor Model 4DH3-250E	-1.1	54.6	52.1	49.7	47.3	44.9	42.6	40.2
	-3.9	50.2	47.9	45.7	43.5	41.3	39.1	36.9
	-6.7	45.9	43.8	41.7	39.7	37.7	35.7	33.7
	-9.4	41.7	39.8	37.9	36.0	34.2	32.4	30.6
	-12.2	37.7	35.9	34.2	32.6	30.9	29.3	27.6
	-15.0	33.9	32.4	30.8	29.3	27.8	26.3	24.8
	-17.8	30.4	29.0	27.7	26.4	25.0	23.7	22.3
BVS030M8 Compressor Model 4DJ3-300E	-1.1	66.2	63.2	60.1	57.1	54.1	51.0	48.0
	-3.9	60.7	57.9	55.1	52.3	49.6	46.8	44.0
	-6.7	55.3	52.8	50.3	47.8	45.3	42.8	40.2
	-9.4	50.2	47.9	45.6	43.4	41.1	38.9	36.6
	-12.2	45.4	43.3	41.3	39.2	37.3	35.2	33.2
	-15.0	40.8	38.9	37.1	35.3	33.5	31.8	30.0
	-17.8	36.5	34.9	33.3	31.7	30.1	28.5	26.9
BVS035M8 Compressor Model 6DH3-350E	-1.1	82.9	79.2	75.5	71.7	67.9	64.0	60.2
	-3.9	75.9	72.5	69.1	65.7	62.2	58.7	55.2
	-6.7	69.2	66.1	63.0	59.9	56.8	53.7	50.5
	-9.4	62.9	60.1	57.3	54.5	51.7	48.9	46.0
	-12.2	57.0	54.5	51.9	49.4	46.9	44.3	41.7
	-15.0	51.4	49.2	46.9	44.6	42.3	40.0	37.7
	-17.8	46.3	44.2	42.1	40.0	38.0	35.9	33.8
BVS040M8 Compressor Model 6DJ3-400E	-1.1	97.3	93.1	88.9	84.6	80.3	75.9	71.4
	-3.9	89.3	85.5	81.6	77.8	73.8	69.8	65.7
	-6.7	81.8	78.2	74.7	71.2	67.6	64.0	60.2
	-9.4	74.5	71.3	68.1	64.9	61.6	58.3	55.0
	-12.2	67.6	64.7	61.8	58.9	56.0	53.0	50.0
	-15.0	61.1	58.5	55.8	53.2	50.6	48.0	45.2
	-17.8	55.1	52.7	50.3	47.9	45.6	43.2	40.8
BVS050M8 Compressor Model 6F-50.2Y	-1.1	110.3	105.3	100.2	95.0	89.7	---	---
	-3.9	101.2	96.6	92.0	87.3	82.5	77.6	---
	-6.7	92.4	88.3	84.1	79.9	75.5	71.1	---
	-9.4	84.1	80.4	76.6	72.8	68.8	64.9	---
	-12.2	76.2	72.9	69.5	66.0	62.5	58.9	55.3
	-15.0	68.8	65.8	62.7	59.6	56.5	53.3	50.0
	-17.8	61.8	59.1	56.3	53.6	50.7	47.9	45.0

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		29.4	32.2	35.0	37.8	40.6	43.3	46.1
BVS010L6 Compressor Model 3DS3A100E	-17.8	21.2	20.4	19.5	18.6	17.7	16.8	---
	-20.6	19.2	18.4	17.6	16.8	16.0	15.2	---
	-23.3	17.3	16.6	15.9	15.2	14.4	13.7	13.0
	-26.1	15.5	14.9	14.2	13.6	12.9	12.2	11.6
	-28.9	13.8	13.2	12.6	12.0	11.4	10.9	10.3
	-31.7	12.2	11.7	11.1	10.6	10.1	9.6	9.0
	-34.4	10.7	10.3	9.8	9.3	8.8	8.3	7.8
	-40.0	8.1	7.7	7.3	6.9	6.4	6.0	5.6
BVS015L6 Compressor Model 4DL3-150E	-17.8	28.6	27.5	26.3	25.2	24.0	22.8	---
	-20.6	25.9	24.8	23.8	22.8	21.7	20.6	---
	-23.3	23.4	22.4	21.5	20.6	19.6	18.6	17.5
	-26.1	21.0	20.2	19.3	18.5	17.6	16.7	15.7
	-28.9	18.8	18.1	17.3	16.6	15.8	15.0	14.0
	-31.7	16.8	16.1	15.4	14.8	14.0	13.3	12.4
	-34.4	14.8	14.2	13.6	13.0	12.4	11.6	10.9
	-40.0	11.0	10.5	10.1	9.6	9.0	8.4	7.7
BVS022L6 Compressor Model 4DT3-220E	-17.8	34.9	33.3	31.7	30.2	28.7	27.4	---
	-20.6	31.7	30.2	28.8	27.5	26.1	24.8	23.6
	-23.3	28.7	27.4	26.1	24.8	23.6	22.4	21.3
	-26.1	25.8	24.6	23.5	22.3	21.2	20.1	19.0
	-28.9	23.1	22.0	21.0	19.9	18.9	17.8	16.8
	-31.7	20.5	19.6	18.6	17.6	16.7	15.7	14.7
	-34.4	18.0	17.2	16.3	15.4	14.5	13.6	12.6
	-40.0	13.4	12.6	11.9	11.1	10.3	9.4	8.5
BVS027L6 Compressor Model 6DL3-270E	-17.8	43.6	41.8	40.0	38.2	36.3	34.4	---
	-20.6	39.6	37.9	36.3	34.6	33.0	31.3	---
	-23.3	35.7	34.2	32.7	31.2	29.7	28.1	26.5
	-26.1	31.9	30.5	29.2	27.8	26.5	25.1	23.5
	-28.9	28.3	27.1	25.9	24.6	23.4	22.1	20.7
	-31.7	24.9	23.8	22.7	21.6	20.5	19.3	18.0
	-34.4	21.8	20.8	19.8	18.7	17.7	16.6	15.4
	-40.0	16.3	15.4	14.6	13.7	12.7	11.7	10.6
BVS030L6 Compressor Model 6DT3-300E	-17.8	48.6	46.3	44.1	41.9	39.7	37.6	---
	-20.6	44.0	42.0	40.0	38.0	36.0	34.1	---
	-23.3	39.6	37.8	36.0	34.2	32.5	30.7	---
	-26.1	35.5	33.8	32.2	30.6	29.0	27.5	25.9
	-28.9	31.6	30.1	28.7	27.2	25.8	24.4	23.0
	-31.7	27.9	26.6	25.3	24.0	22.7	21.4	20.1
	-34.4	24.5	23.3	22.2	20.9	19.7	18.5	17.3
	-40.0	21.3	20.3	19.2	18.1	16.9	15.8	14.7
BVS040L6 Compressor Model 6F-40.2Y	-17.8	60.0	57.1	54.3	51.3	48.3	45.2	---
	-20.6	54.1	51.5	49.0	46.3	43.6	40.8	---
	-23.3	48.6	46.2	43.9	41.5	39.1	36.6	34.0
	-26.1	43.3	41.2	39.1	37.0	34.8	32.6	30.3
	-28.9	38.4	36.5	34.6	32.7	30.8	28.8	26.7
	-31.7	33.7	32.1	30.4	28.7	27.0	25.2	23.3
	-34.4	29.4	27.9	26.4	24.9	23.3	21.8	20.2
	-40.0	25.4	24.1	22.7	21.3	19.9	18.5	17.1

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		29.4	32.2	35.0	37.8	40.6	43.3	46.1
BVS008V6 Compressor Model S4N-8.2Y	-31.7	10.1	10.0	9.8	9.7	9.6	9.5	9.4
	-34.4	9.1	9.0	8.9	8.8	8.7	8.6	8.5
	-40.0	7.3	7.2	7.1	7.1	7.0	6.9	6.8
	-45.6	5.8	5.7	5.6	5.6	5.5	5.4	5.4
	-51.1	4.5	4.4	4.4	4.3	4.2	4.2	4.1
BVS012V6 Compressor Model S4G-12.2Y	-31.7	15.7	15.5	15.3	15.1	14.9	14.7	14.6
	-34.4	14.3	14.1	14.0	13.8	13.6	13.4	13.2
	-40.0	11.7	11.6	11.4	11.3	11.1	11.0	10.8
	-45.6	9.4	9.3	9.2	9.0	8.9	8.8	8.7
	-51.1	7.3	7.2	7.2	7.1	7.0	6.9	6.8
BVS016V6 Compressor Model S6J-16.2Y	-31.7	21.9	21.6	21.3	21.0	20.7	20.4	20.2
	-34.4	20.0	19.8	19.6	19.3	19.1	18.8	18.6
	-40.0	16.5	16.3	16.1	15.9	15.7	15.5	15.3
	-45.6	13.3	13.2	13.0	12.9	12.7	12.5	12.4
	-51.1	10.5	10.3	10.2	10.1	10.0	9.9	9.8
BVS020V6 Compressor Model S6H-20.2Y	-31.7	25.4	25.1	24.8	24.5	24.1	23.8	23.5
	-34.4	23.3	23.0	22.7	22.4	22.1	21.8	21.5
	-40.0	19.2	18.9	18.7	18.5	18.2	18.0	17.7
	-45.6	15.4	15.3	15.1	14.9	14.7	14.5	14.4
	-51.1	12.1	12.0	11.9	11.7	11.6	11.5	11.3
BVS025V6 Compressor Model S6G-25.2Y	-31.7	28.9	28.5	28.2	27.8	27.4	27.1	26.7
	-34.4	26.4	26.1	25.8	25.4	25.1	24.8	24.4
	-40.0	21.8	21.6	21.3	21.0	20.7	20.4	20.2
	-45.6	17.6	17.4	17.2	17.0	16.8	16.6	16.3
	-51.1	13.9	13.7	13.5	13.4	13.2	13.1	12.9
BVS030V6 Compressor Model S6F-30.2Y	-31.7	34.4	33.9	33.5	33.0	32.5	32.0	31.6
	-34.4	31.5	31.1	30.6	30.2	29.8	29.4	28.9
	-40.0	26.0	25.7	25.3	25.0	24.6	24.3	24.0
	-45.6	21.0	20.7	20.5	20.2	20.0	19.7	19.5
	-51.1	16.5	16.3	16.2	16.0	15.8	15.6	15.4

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		29.4	32.2	35.0	37.8	40.6	43.3	46.1
BVS008V2 Compressor Model S4N-8.2	-34.4	7.9	7.8	7.7	7.6	7.6	7.5	7.4
	-37.2	7.0	6.9	6.8	6.7	6.7	6.6	6.5
	-40.0	6.1	6.1	6.0	5.9	5.8	5.7	---
	-42.8	5.3	5.3	5.2	5.1	5.0	---	---
	-45.6	4.6	4.5	4.5	4.4	4.3	---	---
BVS012V2 Compressor Model S4G-12.2	-34.4	11.9	11.8	11.6	11.5	11.4	11.3	11.1
	-37.2	10.5	10.4	10.3	10.2	10.0	9.9	9.8
	-40.0	9.2	9.1	9.0	8.9	8.8	8.7	---
	-42.8	8.1	7.9	7.8	7.7	7.6	---	---
	-45.6	6.9	6.8	6.7	6.6	---	---	---
BVS016V2 Compressor Model S6J-16.2	-34.4	17.5	17.3	17.2	17.1	17.0	16.9	16.8
	-37.2	15.5	15.4	15.3	15.2	15.0	14.9	14.8
	-40.0	13.6	13.5	13.4	13.3	13.2	13.1	---
	-42.8	11.9	11.8	11.7	11.6	11.4	---	---
	-45.6	10.3	10.1	10.0	9.9	---	---	---
BVS020V2 Compressor Model S6H-20.2	-34.4	20.3	20.1	20.0	19.9	19.7	19.6	19.5
	-37.2	18.0	17.9	17.7	17.6	17.5	17.3	---
	-40.0	15.8	15.7	15.6	15.5	15.3	15.2	---
	-42.8	13.8	13.7	13.6	13.4	13.3	---	---
	-45.6	11.9	11.8	11.6	11.5	---	---	---
BVS025V2 Compressor Model S6G-25.2	-34.4	23.2	23.1	22.9	22.8	22.6	22.5	22.3
	-37.2	20.6	20.5	20.3	20.2	20.0	19.9	19.7
	-40.0	18.1	18.0	17.9	17.7	17.6	17.4	---
	-42.8	15.8	15.7	15.5	15.4	15.2	---	---
	-45.6	13.6	13.5	13.3	13.2	---	---	---
BVS030V2 Compressor Model S6F-30.2	-34.4	27.8	27.6	27.5	27.3	27.1	26.9	26.7
	-37.2	24.7	24.5	24.3	24.2	24.0	23.8	23.6
	-40.0	21.7	21.6	21.4	21.2	21.0	20.9	---
	-42.8	19.0	18.8	18.6	18.4	18.2	---	---
	-45.6	16.3	16.1	16.0	15.8	---	---	---

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		29.4	32.2	35.0	37.8	40.6	43.3	46.1
BVD030A2 Compressor Model 3DS3A1500	12.8	119.1	115.8	112.5	109.1	105.8	102.4	---
	10.0	109.8	106.7	103.5	100.4	97.3	94.2	---
	7.2	100.9	98.0	95.1	92.2	89.3	86.4	83.6
	4.4	92.4	89.8	87.1	84.4	81.8	79.1	76.4
	1.7	84.4	82.0	79.5	77.0	74.6	72.1	69.6
	-1.1	76.9	74.6	72.3	69.9	67.6	65.3	62.9
BVD040A2 Compressor Model 4DA3-2000	12.8	137.2	132.9	128.7	124.4	120.2	116.0	111.7
	10.0	127.8	123.8	119.7	115.7	111.7	107.6	103.6
	7.2	117.8	114.0	110.2	106.4	102.5	98.7	94.9
	4.4	107.4	103.8	100.3	96.7	93.1	89.5	86.0
	1.7	96.9	93.6	90.3	87.0	83.6	80.3	77.0
	-1.1	86.8	83.7	80.6	77.5	74.4	71.3	68.2
BVD050A2 Compressor Model 4DH3-2500	12.8	166.2	159.0	151.7	144.5	137.2	130.0	122.8
	10.0	154.5	147.7	140.8	134.0	127.1	120.3	113.5
	7.2	143.3	139.1	135.0	130.8	126.7	122.5	118.4
	4.4	131.4	127.5	123.7	119.8	116.0	112.1	108.3
	1.7	119.9	116.3	112.8	109.2	105.7	102.1	98.5
	-1.1	108.9	105.6	102.4	99.1	95.9	92.6	89.4
BVD060A2 Compressor Model 4DJ3-3000	12.8	195.5	189.7	183.8	178.0	172.2	166.3	---
	10.0	180.9	175.5	170.1	164.7	159.4	154.0	---
	7.2	166.7	161.7	156.7	151.8	146.8	141.9	136.9
	4.4	152.9	148.3	143.8	139.2	134.6	130.1	125.5
	1.7	128.5	126.6	124.7	122.8	120.9	119.0	117.0
	-1.1	126.9	123.0	119.1	115.3	111.4	107.5	103.6
BVD070A2 Compressor Model 6DH3-3500	12.8	239.6	232.4	225.3	218.2	211.0	203.9	---
	10.0	220.4	213.9	207.3	200.7	194.1	187.5	---
	7.2	202.3	196.3	190.2	184.2	178.1	172.1	166.0
	4.4	185.2	179.7	174.1	168.6	163.0	157.5	152.0
	1.7	169.2	164.1	159.0	153.9	148.9	143.8	138.7
	-1.1	154.4	149.6	144.8	140.0	135.2	130.4	125.6
BVD080A2 Compressor Model 6DJ3-4000	12.8	288.5	280.1	271.7	263.3	254.9	246.5	---
	10.0	265.5	255.8	246.0	236.2	226.4	---	---
	7.2	245.7	238.4	231.0	223.6	216.3	208.9	201.5
	4.4	225.7	218.9	212.0	205.2	198.3	191.5	184.6
	1.7	206.6	200.3	193.9	187.6	181.2	174.9	168.5
	-1.1	188.7	182.7	176.7	170.7	164.8	158.8	152.8
BVD100A2 Compressor Model 6F-50.2	12.8	343.0	348.4	324.0	314.5	305.0	295.4	-
	10.0	315.7	306.9	298.2	289.4	280.7	271.9	-
	7.2	289.8	281.7	273.7	265.7	257.6	249.6	241.6
	4.4	265.3	257.9	250.5	243.2	235.8	228.4	221.1
	1.7	242.2	235.4	228.7	221.9	215.1	208.4	201.6
	-1.1	220.6	214.3	208.0	201.8	195.5	189.2	182.9

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		29.4	32.2	35.0	37.8	40.6	43.3	46.1
BVD030H2	7.2	104.6	101.4	98.3	95.1	92.0	89.0	86.0
Compressor	4.4	95.9	92.9	90.0	87.2	84.4	81.6	78.9
3DS3A150E	1.7	87.6	84.9	82.3	79.7	77.2	74.7	72.2
BVD040H2	7.2	114.9	111.3	107.6	103.9	100.0	95.8	91.4
Compressor	4.4	104.7	101.4	98.1	94.7	91.2	87.5	83.4
4DA3-200E	1.7	95.0	92.0	89.1	86.1	83.0	79.6	76.0
BVD050H2	7.2	142.8	138.3	133.8	129.3	124.8	120.4	116.0
Compressor	4.4	131.8	127.6	123.3	119.2	115.0	110.8	106.6
4DH3-250E	1.7	120.9	117.0	113.0	109.1	105.2	101.3	97.4
BVD060H2	7.2	168.7	163.7	158.5	153.3	147.9	142.4	136.7
Compressor	4.4	155.1	150.3	145.6	140.7	135.7	130.6	125.3
4DJ3-300E	1.7	141.9	137.5	133.1	128.6	124.0	119.3	114.4
BVD070H2	7.2	205.5	198.9	192.2	185.7	179.2	172.8	166.6
Compressor	4.4	188.5	182.3	176.3	170.3	164.4	158.5	152.8
6DH3-350E	1.7	172.3	166.7	161.2	155.7	150.4	145.0	139.8
BVD080H2	7.2	246.7	239.0	231.4	223.7	216.0	208.3	200.4
Compressor	4.4	227.2	220.2	213.1	206.1	199.1	192.0	184.9
6DJ3-400E	1.7	208.6	202.1	195.7	189.3	182.9	176.4	169.9
BVD100H2	7.2	286.9	278.8	270.8	262.8	254.8	---	---
Compressor	4.4	262.9	255.5	248.0	240.7	233.4	---	---
6F-50.2Y	1.7	240.2	233.3	226.5	219.8	213.1	---	---

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		29.4	32.2	35.0	37.8	40.6	43.3	46.1
BVD030M8 Compressor 3DS3A150E	-1.1	79.8	77.4	75.0	72.7	70.4	68.1	66.0
	-3.9	72.5	70.3	68.1	66.1	64.0	62.0	60.0
	-6.7	65.7	63.7	61.7	59.8	58.0	56.2	54.5
	-9.4	59.2	57.4	55.7	54.0	52.4	50.8	49.3
	-12.2	53.2	51.6	50.0	48.5	47.1	45.7	44.4
	-15.0	47.6	46.1	44.7	43.4	42.1	40.9	39.7
	-17.8	42.3	41.0	39.8	38.6	37.4	36.4	35.4
BVD040M8 Compressor 4DA3-200E	-1.1	86.0	83.3	80.7	78.0	75.3	72.3	69.0
	-3.9	77.5	75.2	72.8	70.5	68.0	65.4	62.5
	-6.7	69.6	67.5	65.5	63.5	61.3	59.0	56.4
	-9.4	62.3	60.5	58.7	56.9	55.1	53.1	50.8
	-12.2	55.6	54.0	52.4	50.9	49.3	47.5	45.5
	-15.0	49.4	47.9	46.6	45.3	44.0	42.4	40.7
	-17.8	43.6	42.4	41.2	40.1	39.0	37.7	36.1
BVD050M8 Compressor 4DH3-250E	-1.1	110.2	106.6	102.9	99.3	95.6	91.9	88.3
	-3.9	99.8	96.4	93.1	89.7	86.3	82.9	79.5
	-6.7	89.8	86.7	83.6	80.5	77.4	74.3	71.1
	-9.4	80.3	77.5	74.7	71.9	69.0	66.2	63.3
	-12.2	71.4	68.9	66.4	63.8	61.2	58.6	56.0
	-15.0	63.3	61.0	58.8	56.4	54.2	51.8	49.4
	-17.8	55.9	54.0	52.0	50.0	47.9	45.8	43.7
BVD060M8 Compressor 4DJ3-300E	-1.1	129.3	125.2	121.2	117.1	112.8	108.5	104.0
	-3.9	117.2	113.5	109.8	106.0	102.2	98.2	94.1
	-6.7	105.8	102.3	99.0	95.6	92.1	88.5	84.8
	-9.4	94.9	91.8	88.8	85.7	82.6	79.4	76.1
	-12.2	84.7	81.9	79.2	76.6	73.8	70.9	68.0
	-15.0	75.2	72.8	70.4	68.0	65.6	63.2	60.6
	-17.8	66.5	64.3	62.3	60.2	58.2	56.1	53.9
BVD070M8 Compressor 6DH3-350E	-1.1	157.1	152.1	147.1	142.1	137.2	132.4	127.6
	-3.9	142.8	138.3	133.7	129.3	124.8	120.5	116.1
	-6.7	129.5	125.4	121.3	117.3	113.3	109.3	105.4
	-9.4	117.0	113.3	109.7	106.1	102.4	98.9	95.3
	-12.2	105.4	102.1	98.9	95.6	92.4	89.1	85.9
	-15.0	94.6	91.7	88.9	85.9	83.0	80.0	77.2
	-17.8	84.6	82.1	79.5	76.9	74.3	71.6	68.9
BVD080M8 Compressor 6DJ3-400E	-1.1	190.7	184.9	179.0	173.2	167.4	161.5	155.6
	-3.9	173.8	168.4	163.2	157.9	152.6	147.3	142.0
	-6.7	157.7	152.9	148.1	143.4	138.6	133.9	129.1
	-9.4	142.5	138.1	133.8	129.6	125.4	121.2	116.9
	-12.2	128.1	124.2	120.5	116.7	112.9	109.2	105.4
	-15.0	114.6	111.2	107.9	104.5	101.2	98.0	94.6
	-17.8	102.1	99.1	96.1	93.2	90.3	87.5	84.6
BVD100M8 Compressor 6F-50.2Y	-1.1	218.7	212.4	206.2	200.0	193.9	---	---
	-3.9	198.5	192.8	187.1	181.5	175.9	170.3	---
	-6.7	179.6	174.3	169.2	164.1	159.0	153.9	---
	-9.4	161.8	157.1	152.4	147.7	143.1	138.6	---
	-12.2	145.3	141.0	136.7	132.5	128.3	124.2	120.1
	-15.0	129.9	125.9	122.1	118.3	114.5	110.8	107.1
	-17.8	115.6	112.0	108.5	105.1	101.6	98.3	94.9

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		29.4	32.2	35.0	37.8	40.6	43.3	46.1
BVD030M8 Compressor Model 3DS3A150E	-1.1	83.4	79.6	76.0	72.3	68.7	65.1	61.5
	-3.9	76.2	72.8	69.5	66.3	63.0	59.7	56.4
	-6.7	69.4	66.4	63.4	60.5	57.5	54.6	51.7
	-9.4	63.0	60.3	57.6	55.0	52.4	49.8	47.1
	-12.2	57.0	54.6	52.2	49.9	47.5	45.2	42.9
	-15.0	51.4	49.2	47.1	45.0	43.0	40.9	38.8
	-17.8	46.2	44.3	42.4	40.5	38.7	36.8	34.9
BVD040M8 Compressor Model 4DA3-200E	-1.1	88.3	83.9	79.6	75.3	71.0	66.8	62.6
	-3.9	80.8	76.8	72.8	68.8	64.9	61.0	57.2
	-6.7	73.6	69.9	66.3	62.6	59.0	55.5	51.9
	-9.4	66.7	63.3	60.0	56.6	53.4	50.1	46.9
	-12.2	60.1	57.1	54.0	51.0	48.0	45.0	42.2
	-15.0	54.0	51.2	48.4	45.7	43.0	40.3	37.7
	-17.8	48.2	45.7	43.2	40.7	38.3	35.9	33.5
BVD050M8 Compressor Model 4DH3-250E	-1.1	109.3	104.3	99.4	94.6	89.8	85.1	80.4
	-3.9	100.4	95.9	91.3	86.9	82.5	78.2	73.9
	-6.7	91.8	87.6	83.4	79.4	75.4	71.4	67.4
	-9.4	83.4	79.5	75.8	72.1	68.4	64.8	61.1
	-12.2	75.4	71.9	68.5	65.2	61.8	58.5	55.2
	-15.0	67.8	64.7	61.6	58.6	55.6	52.7	49.6
	-17.8	60.8	58.0	55.4	52.7	50.0	47.4	44.6
BVD060M8 Compressor Model 4DJ3-300E	-1.1	132.4	126.3	120.3	114.2	108.2	102.1	96.0
	-3.9	121.3	115.7	110.2	104.7	99.2	93.6	88.0
	-6.7	110.6	105.6	100.5	95.5	90.5	85.5	80.4
	-9.4	100.4	95.9	91.3	86.8	82.3	77.8	73.2
	-12.2	90.7	86.6	82.5	78.5	74.5	70.4	66.4
	-15.0	81.6	77.9	74.3	70.7	67.1	63.5	59.9
	-17.8	73.0	69.7	66.5	63.4	60.2	57.0	53.9
BVD070M8 Compressor Model 6DH3-350E	-1.1	165.9	158.4	150.9	143.4	135.7	128.0	120.3
	-3.9	151.8	145.0	138.2	131.3	124.4	117.4	110.4
	-6.7	138.4	132.3	126.1	119.9	113.6	107.3	101.0
	-9.4	125.8	120.3	114.7	109.1	103.4	97.7	92.0
	-12.2	114.0	109.0	103.9	98.8	93.7	88.6	83.4
	-15.0	102.9	98.4	93.8	89.1	84.6	79.9	75.3
	-17.8	92.6	88.5	84.3	80.1	76.0	71.8	67.6
BVD080M8 Compressor Model 6DJ3-400E	-1.1	194.5	186.1	177.7	169.2	160.6	151.8	142.9
	-3.9	178.7	171.0	163.3	155.5	147.6	139.6	131.5
	-6.7	163.5	156.4	149.4	142.3	135.2	127.9	120.5
	-9.4	149.0	142.6	136.1	129.7	123.2	116.7	110.0
	-12.2	135.3	129.4	123.5	117.8	111.9	106.0	100.0
	-15.0	122.3	117.0	111.7	106.5	101.2	95.9	90.5
	-17.8	110.2	105.3	100.5	95.8	91.1	86.4	81.6
BVD100M8 Compressor Model 6F-50.2Y	-1.1	220.7	210.7	200.4	190.1	179.5	---	---
	-3.9	202.3	193.2	184.0	174.6	165.0	155.2	---
	-6.7	184.8	176.6	168.2	159.7	151.0	142.2	---
	-9.4	168.2	160.8	153.2	145.5	137.7	129.7	---
	-12.2	152.4	145.7	139.0	132.1	125.0	117.8	110.6
	-15.0	137.5	131.6	125.4	119.2	112.9	106.5	100.0
	-17.8	123.6	118.2	112.7	107.1	101.5	95.8	90.0

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		29.4	32.2	35.0	37.8	40.6	43.3	46.1
BVD020L6 Compressor Model 3DS3A100E	-17.8	42.5	40.7	38.9	37.1	35.3	33.6	---
	-20.6	38.5	36.9	35.2	33.6	32.0	30.5	---
	-23.3	34.6	33.2	31.8	30.3	28.8	27.4	26.0
	-26.1	31.0	29.7	28.4	27.1	25.8	24.5	23.2
	-28.9	27.6	26.4	25.3	24.1	22.9	21.8	20.6
	-31.7	24.4	23.3	22.3	21.3	20.2	19.1	18.1
	-34.4	21.4	20.5	19.6	18.6	17.6	16.6	15.6
	-37.2	18.7	17.8	17.0	16.1	15.2	14.2	13.3
	-40.0	16.1	15.4	14.6	13.7	12.9	12.0	11.2
BVD030L6 Compressor Model 4DL3-150E	-17.8	57.3	55.0	52.7	50.4	48.1	45.6	---
	-20.6	51.8	49.7	47.6	45.5	43.5	41.2	---
	-23.3	46.7	44.8	43.0	41.1	39.2	37.2	35.0
	-26.1	42.1	40.3	38.7	37.0	35.2	33.4	31.4
	-28.9	37.7	36.1	34.6	33.2	31.6	29.9	28.1
	-31.7	33.5	32.2	30.9	29.5	28.1	26.5	24.8
	-34.4	29.7	28.4	27.2	26.0	24.7	23.3	21.7
	-37.2	25.8	24.7	23.6	22.5	21.4	20.1	18.6
	-40.0	22.1	21.1	20.1	19.1	18.0	16.8	15.4
BVD044L6 Compressor Model 4DT3-220E	-17.8	69.8	66.6	63.4	60.4	57.5	54.8	---
	-20.6	63.5	60.5	57.6	54.9	52.2	49.7	47.2
	-23.3	57.4	54.8	52.2	49.6	47.2	44.8	42.5
	-26.1	51.7	49.3	46.9	44.6	42.4	40.2	38.0
	-28.9	46.2	44.1	41.9	39.8	37.7	35.7	33.6
	-31.7	41.1	39.1	37.2	35.2	33.3	31.4	29.4
	-34.4	36.1	34.3	32.6	30.8	29.0	27.1	25.2
	-37.2	31.3	29.8	28.1	26.5	24.7	22.9	21.1
	-40.0	26.7	25.3	23.8	22.2	20.6	18.8	17.0
BVD054L6 Compressor Model 6DL3-270E	-17.8	87.3	83.6	79.9	76.3	72.6	68.9	---
	-20.6	79.2	75.9	72.5	69.2	65.9	62.5	---
	-23.3	71.3	68.3	65.4	62.4	59.3	56.2	53.0
	-26.1	63.8	61.1	58.4	55.7	53.0	50.1	47.1
	-28.9	56.6	54.2	51.7	49.3	46.8	44.2	41.4
	-31.7	49.8	47.6	45.4	43.2	40.9	38.5	35.9
	-34.4	43.5	41.5	39.5	37.5	35.4	33.2	30.7
	-37.2	37.7	35.9	34.1	32.2	30.2	28.1	25.8
	-40.0	32.5	30.8	29.1	27.4	25.5	23.4	21.2
BVD060L6 Compressor Model 6DT3-300E	-17.8	97.2	92.7	88.2	83.8	79.4	75.2	---
	-20.6	88.0	83.9	79.9	76.0	72.0	68.1	---
	-23.3	79.2	75.6	72.0	68.4	64.9	61.4	---
	-26.1	70.9	67.7	64.5	61.3	58.1	55.0	51.9
	-28.9	63.1	60.2	57.3	54.5	51.6	48.7	45.9
	-31.7	55.8	53.2	50.6	48.0	45.3	42.8	40.2
	-34.4	49.0	46.6	44.3	41.9	39.5	37.1	34.7
	-37.2	42.7	40.6	38.4	36.1	33.9	31.6	29.4
	-40.0	36.9	34.9	32.9	30.7	28.6	26.4	24.2
BVD080L6 Compressor Model 6F-40.2Y	-17.8	119.9	114.2	108.5	102.6	96.6	90.4	---
	-20.6	108.2	103.1	97.9	92.6	87.2	81.6	---
	-23.3	97.1	92.5	87.8	83.0	78.1	73.2	68.0
	-26.1	86.6	82.5	78.2	74.0	69.6	65.2	60.6
	-28.9	76.8	73.0	69.3	65.4	61.5	57.5	53.5
	-31.7	67.5	64.2	60.8	57.3	53.9	50.3	46.7
	-34.4	58.9	55.8	52.8	49.8	46.7	43.6	40.3
	-37.2	50.8	48.1	45.4	42.7	39.9	37.1	34.2
	-40.0	43.4	40.9	38.4	36.0	33.5	31.0	28.5

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		29.4	32.2	35.0	37.8	40.6	43.3	46.1
BVD016V6 Compressor Model S4N-8.2Y	-31.7	20.1	19.9	19.7	19.5	19.2	19.0	18.8
	-34.4	18.2	18.0	17.8	17.6	17.4	17.2	17.0
	-40.0	14.6	14.4	14.3	14.1	14.0	13.8	13.6
	-45.6	11.5	11.4	11.3	11.1	11.0	10.9	10.8
	-51.1	8.9	8.8	8.7	8.6	8.5	8.4	8.3
BVD024V6 Compressor Model S4G-12.2Y	-31.7	31.4	31.0	30.6	30.2	29.9	29.5	29.1
	-34.4	28.6	28.3	27.9	27.6	27.2	26.8	26.5
	-40.0	23.5	23.2	22.9	22.6	22.3	22.0	21.7
	-45.6	18.8	18.5	18.3	18.1	17.9	17.7	17.4
	-51.1	14.6	14.5	14.3	14.1	14.0	13.8	13.7
BVD032V6 Compressor Model S6J-16.2Y	-31.7	43.7	43.2	42.6	42.0	41.5	40.9	40.3
	-34.4	40.1	39.6	39.1	38.6	38.1	37.6	37.1
	-40.0	33.0	32.6	32.2	31.8	31.4	31.1	30.6
	-45.6	26.6	26.3	26.0	25.7	25.4	25.1	24.8
	-51.1	20.9	20.7	20.5	20.2	20.0	19.8	19.6
BVD040V6 Compressor Model S6H-20.2Y	-31.7	50.8	50.2	49.6	48.9	48.3	47.6	47.0
	-34.4	46.5	45.9	45.3	44.8	44.2	43.6	43.0
	-40.0	38.3	37.9	37.4	36.9	36.4	36.0	35.5
	-45.6	30.9	30.5	30.2	29.8	29.4	29.1	28.7
	-51.1	24.2	24.0	23.7	23.5	23.2	22.9	22.7
BVD050V6 Compressor Model S6G-25.2Y	-31.7	57.7	57.0	56.3	55.6	54.9	54.1	53.4
	-34.4	52.9	52.2	51.5	50.9	50.2	49.5	48.9
	-40.0	43.7	43.1	42.6	42.0	41.4	40.9	40.3
	-45.6	35.2	34.8	34.4	34.0	33.5	33.1	32.7
	-51.1	27.7	27.4	27.1	26.8	26.5	26.2	25.9
BVD060V6 Compressor Model S6F-30.2Y	-31.7	68.8	67.9	66.9	66.0	65.0	64.1	63.2
	-34.4	63.0	62.2	61.3	60.4	59.6	58.7	57.8
	-40.0	52.1	51.4	50.7	50.0	49.3	48.6	47.9
	-45.6	42.0	41.5	41.0	40.5	39.9	39.4	38.9
	-51.1	33.1	32.7	32.3	32.0	31.6	31.2	30.8

--- Outside Operating Range

CONDENSING UNIT MODEL	SATURATED SUCTION TEMPERATURE °C	AMBIENT TEMPERATURE °C						
		29.4	32.2	35.0	37.8	40.6	43.3	46.1
BVD016V2 Compressor Model S4N-8.2	-34.4	15.8	15.6	15.5	15.3	15.1	14.9	14.8
	-37.2	14.0	13.8	13.6	13.5	13.3	13.2	13.0
	-40.0	12.3	12.1	12.0	11.8	11.6	11.5	---
	-42.8	10.7	10.5	10.4	10.2	10.1	---	---
	-45.6	9.2	9.1	8.9	8.8	8.6	---	---
BVD024V2 Compressor Model S4G-12.2	-34.4	23.8	23.5	23.3	23.0	22.8	22.5	22.2
	-37.2	21.1	20.8	20.6	20.3	20.1	19.8	19.6
	-40.0	18.5	18.3	18.0	17.8	17.6	17.3	---
	-42.8	16.1	15.9	15.7	15.4	15.2	---	---
	-45.6	13.9	13.7	13.5	13.2	---	---	---
BVD032V2 Compressor Model S6J-16.2	-34.4	34.9	34.7	34.5	34.2	34.0	33.8	33.5
	-37.2	31.0	30.8	30.5	30.3	30.1	29.9	29.7
	-40.0	27.3	27.1	26.8	26.6	26.4	26.2	---
	-42.8	23.8	23.6	23.3	23.1	22.9	---	---
	-45.6	20.5	20.3	20.0	19.8	---	---	---
BVD040V2 Compressor Model S6H-20.2	-34.4	40.5	40.3	40.0	39.7	39.5	39.2	39.0
	-37.2	36.0	35.7	35.5	35.2	34.9	34.7	---
	-40.0	31.7	31.4	31.2	30.9	30.7	30.4	---
	-42.8	27.6	27.4	27.1	26.8	26.6	---	---
	-45.6	23.8	23.5	23.3	23.0	---	---	---
BVD050V2 Compressor Model S6G-25.2	-34.4	46.5	46.1	45.8	45.5	45.2	44.9	44.6
	-37.2	41.2	40.9	40.6	40.3	40.0	39.8	39.5
	-40.0	36.3	36.0	35.7	35.4	35.1	34.8	---
	-42.8	31.7	31.4	31.1	30.8	30.5	---	---
	-45.6	27.3	27.0	26.6	26.3	---	---	---
BVD060V2 Compressor Model S6F-30.2	-34.4	55.6	55.3	54.9	54.5	54.2	53.8	53.4
	-37.2	49.3	49.0	48.7	48.3	48.0	47.6	47.3
	-40.0	43.5	43.1	42.8	42.4	42.1	41.7	---
	-42.8	37.9	37.6	37.2	36.8	36.5	---	---
	-45.6	32.7	32.3	31.9	31.5	---	---	---

--- Outside Operating Range



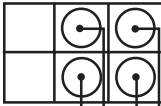
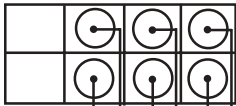








LOW AMBIENT OPERATION

FAN CYCLING CONTROL

BV condensing units are furnished with fan cycling pressure control as standard on 2 fan models and up. This enables start and operation in low ambient air temperature. Fans are cycled by pressure controls.

Four and six-fan, two compressor models are controlled the same as two or three-fan models (single compressor, single row condenser). See diagram below. Standard fan cycling head pressure control is based on one fan operating at constant speed.

FAN CYCLING CONTROL SCHEDULE

CIRCUITING	SINGLE COMPRESSOR		DUAL COMPRESSOR	
FAN ARRANGEMENT			* 	* 
FAN(S) CYCLED				
FAN(S) IN CONSTANT OPERATION				

* Systems operate individually on double compressor units.

LIMITROL HEAD PRESSURE CONTROL**

Limitrol 2 valve pressure adjustable (factory adjusted) head pressure control is a standard feature in BV condensing units. The Limitrol valve is pressure actuated and will modulate the flow of liquid refrigerant from the condenser to the receiver and thus flood the condenser coil surface. This reduces the effective condensing surface at low ambient and/or partial loading, thus maintaining a minimum condensing pressure.

Operation

During periods of low ambient temperature, the condensing pressure falls until it approaches the setting of the limitrol valve. The valve throttles restricting flow of liquid from the condenser. This causes refrigerant to back up in the condenser thus reducing condenser surface, and raising condensing pressure.

During this period the differential pressure regulating valve modulates open, allowing hot discharge gas to maintain a minimum receiver pressure. The Limitrol valve pressure setting is pre-set at factory and can be further adjusted to suit local conditions during start-up.

Refrigerant Charge

Because liquid refrigerant is being utilized for the purpose of flooding the condenser, the refrigeration system must be designed so that the condenser can be filled with liquid refrigerant and the receiver still retain a liquid seal. An additional amount of refrigerant is therefore required for the Limitrol system to operate at lower ambient over that required for summer operation. The installation manual shows the unit refrigerant charge for both normal and winter time applications.

** On Refrigeration Models Only.

BV SPECIFICATIONS

APPLICATION	BVS * MODEL NO.	BVD ** MODEL NO.	CONDENSER FANS		COMPRESSOR MODEL NO. (per circuit)	CONNECTIONS				RECEIVER CAPACITY (PER CIRCUIT)		SHIPPING WEIGHT			
			BVS	BVD		SUCTION (OD)		LIQUID (OD)		Lbs.	Kgs	BVS		BVD	
						Inches	mm	Inches	mm			Lbs.	Kgs	Lbs.	Kgs
AIR CONDITIONING	015A	030A	1	2	3DS3A1500	1 5/8	41	7/8	22	-	-	1527	694	2582	1174
	020A	040A	2	4	4DA3-2000	1 5/8	41	7/8	22	-	-	1790	814	3025	1375
	025A	050A	2	4	4DH3-2500	2 1/8	54	1 1/8	29	-	-	1856	844	3143	1429
	030A	060A	2	4	4DJ3-3000	2 1/8	54	1 1/8	29	-	-	1963	892	3309	1504
	035A	070A	2	4	6DH3-3500	2 1/8	54	1 1/8	29	-	-	2239	1018	3819	1736
	040A	080A	3	6	6DJ3-4000	2 1/8	54	1 1/8	29	-	-	2345	1066	4048	1840
	050A	100A	3	6	6F-50.2	2 1/8	54	1 1/8	29	-	-	2538	1154	4644	2111
REFRIGERATION	015H/M	030H/M	2	4	3DS3-150E	1 5/8	41	7/8	22	119	54.0	2058	935	3487	1585
	020H/M	040H/M	2	4	4DA3-200E	1 5/8	41	7/8	22	119	54.0	2103	956	3577	1626
	025H/M	050H/M	2	4	4DH3-250E	2 1/8	54	1 1/8	29	144	65.3	2105	957	3607	1639
	030H/M	060H/M	2	4	4DJ3-300E	2 1/8	54	1 1/8	29	181	82.1	2380	1082	4054	1843
	035H/M	070H/M	3	6	6DH3-350E	2 1/8	54	1 1/8	29	219	99.3	2608	1185	4483	2038
	040H/M	080H/M	3	6	6DJ3-400E	2 1/8	54	1 1/8	29	219	99.3	2959	1345	5081	2310
	050H/M	100H/M	3	6	6F-50.2Y	2 1/8	54	1 1/8	29	295	133.8	3119	1418	5419	2463
	010L	020L	1	2	3DS3-100E	1 3/8	35	5/8	16	72	32.7	1632	742	2710	1232
	015L	030L	1	2	4DL3-150E	1 5/8	41	7/8	22	104	47.2	1874	852	3121	1418
	022L	044L	2	4	4DT3-220E	2 1/8	54	1 1/8	29	104	47.2	2108	958	3587	1630
	027L	054L	2	4	6DL3-270E	2 1/8	54	1 1/8	29	125	56.7	2168	986	3733	1697
	030L	060L	2	4	6DT3-300E	2 1/8	54	1 1/8	29	125	56.7	2255	1025	3902	1774
	040L	080L	2	4	6F-40.2Y	2 1/8	54	1 1/8	29	181	82.1	2563	1165	4412	2006
	008V	016V	1	2	S4N-8.2(Y)^	1 3/8	35	5/8	16	72	32.7	1576	716	2632	1196
	012V	024V	1	2	S4G-12.2(Y)^	1 5/8	41	5/8	16	104	47.2	1911	869	3191	1450
	016V	032V	1	2	S6J-16.2(Y)^	2 1/8	54	7/8	22	104	47.2	1977	899	3301	1500
	020V	040V	2	4	S6H-20.2(Y)^	2 1/8	54	7/8	22	125	56.7	2134	970	3693	1678
	025V	050V	2	4	S6G-25.2(Y)^	2 1/8	54	1 1/8	29	125	56.7	2174	988	3762	1710
	030V	060V	2	4	S6F-30.2(Y)^	2 5/8	67	1 1/8	29	191	86.6	2324	1056	4043	1837

*=Single Refrigeration Circuit; **=Dual Independent Refrigeration Circuit

^=Compressors operating on R404A to have Y at the end (indicates POE oil in compressor)

Receiver holding capacities indicated are for R22 in H/M{high and medium temp.}models; and R404A in L (Low temp.)

and V(Extended Low temp.)models. Standard airconditioning models do not have receivers.Consult factory for selection and pricing,if receivers are required on a/c models.

Connection sizes and receiver capacities are for each refrigeration circuit.

BV ELECTRICAL DATA - 60 Hz

60Hz

BVS * MODEL NO.	COMPRESSOR							BVS CONDENSER TOTAL FLA			BVS MCA #			BVS MOP #		
	MODEL NO.	208/230-3		460-3		575-3		208/230-3	460-3	575-3	208/230-3	460-3	575-3	208/230-3	460-3	575-3
		RLA	LRA	RLA	LRA	RLA	LRA									
015A	3DS3A1500	59.6	275	29.0	138	23.6	110	6.6	3.1	2.5	81.1	39.4	32.0	125	60	50
020A	4DA3-2000	66.0	308	33.0	154	24.7	135	13.2	6.2	5.0	95.7	47.5	35.9	150	70	60
025A	4DH3-2500	82.2	428	41.1	214	34.4	172	13.2	6.2	5.0	116.0	57.6	48.0	175	90	80
030A	4DJ3-3000	94.0	470	47.0	235	39.3	200	13.2	6.2	5.0	130.7	65.0	54.1	200	110	90
035A	6DH3-3500	107.0	565	53.5	283	42.5	230	13.2	6.2	5.0	147.0	73.1	58.1	250	110	100
040A	6DJ3-4000^	142.0	594	71.0	297	53.5	245	19.8	9.3	7.5	197.3	98.1	74.4	300	150	125
050A	6F-50.2	160.0	950	80.0	425	63.0	340	19.8	9.3	7.5	219.8	109.3	86.3	350	175	125
015H/M	3DS3-150E	59.6	275	29.0	138	23.6	110	13.2	6.2	5.0	87.7	42.5	34.5	125	70	50
020H/M	4DA3-200E	66.0	308	33.0	154	24.7	135	13.2	6.2	5.0	95.7	47.5	35.9	150	80	60
025H/M	4DH3-250E	82.2	428	41.1	214	34.4	172	13.2	6.2	5.0	116.0	57.6	48.0	175	90	80
030H/M	4DJ3-300E	94.0	470	47.0	235	39.3	200	13.2	6.2	5.0	130.7	65.0	54.1	200	110	90
035H/M	6DH3-350E	107.0	565	53.5	283	42.5	230	19.8	9.3	7.5	153.6	76.2	60.6	250	120	100
040H/M	6DJ3-400E^	142.0	594	71.0	297	53.5	245	19.8	9.3	7.5	197.3	98.1	74.4	300	150	125
050H/M	6F-50.2Y	160.0	950	80.0	425	63.0	340	19.8	9.3	7.5	219.8	109.3	86.3	350	175	125
010L	3DS3-100E	42.0	215	18.6	106	16.8	84	6.6	3.1	2.5	59.1	26.4	23.5	100	45	40
015L	4DL3-150E	52.6	278	26.3	139	20.9	113	6.6	3.1	2.5	72.4	36.0	28.6	125	60	45
022L	4DT3-220E	66.0	374	33.0	187	24.2	135	13.2	6.2	5.0	95.7	47.5	35.3	150	80	50
027L	6DL3-270E	80.8	450	40.4	225	32.5	172	13.2	6.2	5.0	114.2	56.7	45.6	175	90	70
030L	6DT3-300E	95.6	470	47.8	235	39.6	200	13.2	6.2	5.0	132.7	66.0	54.5	200	110	90
040L	6F-40.2Y	108.0	700	54.0	350	43.0	280	13.2	6.2	5.0	148.2	73.7	58.8	250	120	100
008V	S4N-8.2(Y)	28.0	180	14.0	90	11.2	72	6.6	3.1	2.5	41.6	20.6	16.5	60	30	25
012V	S4G-12.2(Y)	40.0	252	20.0	126	16.0	101	6.6	3.1	2.5	56.6	28.1	22.5	90	45	35
016V	S6J-16.2(Y)	60.0	294	30.0	147	24.0	117	6.6	3.1	2.5	81.6	40.6	32.5	125	70	50
020V	S6H-20.2(Y)	68.0	352	34.0	176	27.0	140	13.2	6.2	5.0	98.2	48.7	38.8	150	80	60
025V	S6G-25.2(Y)	82.0	436	41.0	218	33.0	174	13.2	6.2	5.0	115.7	57.5	46.3	175	90	70
030V	S6F-30.2(Y)	96.0	490	47.0	245	38.0	196	13.2	6.2	5.0	133.2	65.0	52.5	200	110	90

BVD ** MODEL NO.	COMPRESSOR							BVD CONDENSER TOTAL FLA			BVD MCA #			BVD MOP #		
	MODEL NO.	208/230-3		460-3		575-3		208/230-3	460-3	575-3	208/230-3	460-3	575-3	208/230-3	460-3	575-3
		RLA	LRA	RLA	LRA	RLA	LRA									
030A	3DS3A1500	59.6	275	29.0	138	23.6	110	13.2	6.2	5.0	147.3	71.5	58.1	200	100	80
040A	4DA3-2000	66.0	308	33.0	154	24.7	135	26.4	12.4	10.0	174.9	86.7	65.6	225	110	90
050A	4DH3-2500	82.2	428	41.1	214	34.4	172	26.4	12.4	10.0	211.4	104.9	87.4	250	125	110
060A	4DJ3-3000	94.0	470	47.0	235	39.3	200	26.4	12.4	10.0	237.9	118.2	98.4	300	150	125
070A	6DH3-3500	107.0	565	53.5	283	42.5	230	26.4	12.4	10.0	267.2	132.8	105.6	350	175	125
080A	6DJ3-4000^	142.0	594	71.0	297	53.5	245	39.6	18.6	15.0	359.1	178.4	135.4	500	225	175
100A	6F-50.2	160.0	950	80.0	425	63.0	340	39.6	18.6	15.0	399.6	198.6	156.8	500	250	200
030H/M	3DS3-150E	59.6	275	29.0	138	23.6	110	26.4	12.4	10.0	160.5	77.7	63.1	200	100	80
040H/M	4DA3-200E	66.0	308	33.0	154	24.7	135	26.4	12.4	10.0	174.9	86.7	65.6	225	110	90
050H/M	4DH3-250E	82.2	428	41.1	214	34.4	172	26.4	12.4	10.0	211.4	104.9	87.4	250	125	110
060H/M	4DJ3-300E	94.0	470	47.0	235	39.3	200	26.4	12.4	10.0	237.9	118.2	98.4	300	150	125
070H/M	6DH3-350E	107.0	565	53.5	283	42.5	230	39.6	18.6	15.0	280.4	139.0	110.6	350	175	125
080H/M	6DJ3-400E^	142.0	594	71.0	297	53.5	245	39.6	18.6	15.0	359.1	178.4	135.4	500	225	175
100H/M	6F-50.2Y	160.0	950	80.0	425	63.0	340	39.6	18.6	15.0	399.6	198.6	156.8	500	250	200
020L	3DS3-100E	42.0	215	18.6	106	16.8	84	13.2	6.2	5.0	107.7	48.1	42.8	125	60	50
030L	4DL3-150E	52.6	278	26.3	139	20.9	113	13.2	6.2	5.0	131.6	65.4	52.0	175	90	70
044L	4DT3-220E	66.0	374	33.0	187	24.2	135	26.4	12.4	10.0	174.9	86.7	64.5	225	110	80
054L	6DL3-270E	80.8	450	40.4	225	32.5	172	26.4	12.4	10.0	208.2	103.3	83.1	250	125	110
060L	6DT3-300E	95.6	470	47.8	235	39.6	200	26.4	12.4	10.0	241.5	120.0	99.1	300	150	125
080L	6F-40.2Y	108.0	700	54.0	350	43.0	280	26.4	12.4	10.0	269.4	133.9	106.8	350	175	125
016V	S4N-8.2(Y)	28.0	180	14.0	90	11.2	72	13.2	6.2	5.0	76.2	37.7	30.2	100	80	40
024V	S4G-12.2(Y)	40.0	252	20.0	126	16.0	101	13.2	6.2	5.0	103.2	51.2	41.0	125	70	50
032V	S6J-16.2(Y)	60.0	294	30.0	147	24.0	117	13.2	6.2	5.0	148.2	73.7	59.0	200	100	80
040V	S6H-20.2(Y)	68.0	352	34.0	176	27.0	140	26.4	13.2	10.0	179.4	89.7	70.8	225	110	90
050V	S6G-25.2(Y)	82.0	436	41.0	218	33.0	174	26.4	13.2	10.0	210.9	105.5	84.3	250	125	110
060V	S6F-30.2(Y)	96.0	490	47.0	245	38.0	196	26.4	13.2	10.0	242.4	119.0	95.5	300	150	125

*=Single Refrigeration Circuit **=Dual Independent Refrigeration Circuit; †=Electrical data per compressor

^=6DJ only available in 230 V not 208/230V,

MCA # = Minimum Circuit Ampacity, excludes all evaporator loads

MOP # = Maximum Overcurrent protection, excludes all evaporator loads

Condenser fans are 2 HP 1140 RPM

BV ELECTRICAL DATA - 50 Hz

50Hz

BVS * MODEL NO.	COMPRESSOR					BVS CONDENSER TOTAL FLA		BVS MCA #		BVS MOP #	
	MODEL NO.®	200/220-3		380/400-3		200/220-3	380/400-3	200/220-3	380/400-3	200/220-3	380/400-3
		RLA	LRA	RLA	LRA						
015A	3DS3A1500	59.6	275	29.0	138	5.9	2.7	80.4	39.0	125	60
020A	4DA3-2000	66.0	308	33.0	154	11.8	5.4	94.3	46.7	150	80
025A	4DH3-2500	82.2	428	41.1	214	11.8	5.4	114.6	56.8	175	90
030A	4DJ3-3000	94.0	470	47.0	235	11.8	5.4	129.3	64.2	200	110
035A	6DH3-3500	107.0	565	53.5	283	11.8	5.4	145.6	74.9	250	120
040A	6DJ3-4000^	142.0	594	71.0	297	17.7	8.0	195.2	106.5	300	150
050A	6F-50.2	+	+	+	+	17.7	8.0	+	+	+	+
015H/M	3DS3-150E	59.6	275	29.0	138	11.8	5.4	86.3	41.7	125	70
020H/M	4DA3-200E	66.0	308	33.0	154	11.8	5.4	94.3	46.7	150	80
025H/M	4DH3-250E	82.2	428	41.1	214	11.8	5.4	114.6	56.8	175	90
030H/M	4DJ3-300E	94.0	470	47.0	235	11.8	5.4	129.3	64.2	200	110
035H/M	6DH3-350E	107.0	565	53.5	283	17.7	8.0	151.5	74.9	250	120
040H/M	6DJ3-400E^	142.0	594	71.0	297	17.7	8.0	195.2	106.5	300	150
050H/M	6F-50.2Y	+	+	+	+	17.7	8.0	+	+	+	+
010L	3DS3-100E	42.0	215	18.6	106	5.9	2.7	58.4	26.0	100	45
015L	4DL3-150E	52.6	278	26.3	139	5.9	2.7	71.7	35.6	125	60
022L	4DT3-220E	66.0	374	33.0	187	11.8	5.4	94.3	46.7	150	80
027L	6DL3-270E	80.8	450	40.4	225	11.8	5.4	112.8	55.9	175	90
030L	6DT3-300E	95.6	470	47.8	235	11.8	5.4	131.3	65.2	200	110
040L	6F-40.2Y	135.0	558.0	78.0	323	+	5.4	+	102.9	+	120
008V	S4N-8.2(Y)	29.5	140.0	17.0	81.0	5.9	2.7	42.8	24.0	70	40
012V	S4G-12.2(Y)	41.5	195.0	24.0	113.0	5.9	2.7	57.8	32.7	90	50
016V	S6J-16.2(Y)	53.5	228.0	31.0	132.0	5.9	2.7	72.8	41.5	125	70
020V	S6H-20.2(Y)	60.5	273.0	37.0	158.0	11.8	5.4	87.4	51.7	125	80
025V	S6G-25.2(Y)	74.0	333.5	45.0	193.0	11.8	5.4	104.3	61.7	175	100
030V	S6F-30.2(Y)	88.0	380.0	53.0	220.0	11.8	5.4	121.8	71.7	200	110

BVD ** MODEL NO.	COMPRESSOR					BVD CONDENSER TOTAL FLA		BVD MCA #		BVD MOP #	
	MODEL NO.®	200/220-3		380/400-3		200/220-3	380/400-3	200/220-3	380/400-3	200/220-3	380/400-3
		RLA	LRA	RLA	LRA						
030A	3DS3A1500	59.6	275	29.0	138	11.8	5.4	145.9	70.7	200	90
040A	4DA3-2000	66.0	308	33.0	154	23.6	10.8	172.1	85.1	225	110
050A	4DH3-2500	82.2	428	41.1	214	23.6	10.8	208.6	103.3	250	125
060A	4DJ3-3000	94.0	470	47.0	235	23.6	10.8	235.1	116.6	300	150
070A	6DH3-3500	107.0	565	53.5	283	23.6	10.8	264.4	131.2	350	175
080A	6DJ3-4000^	142.0	594	71.0	297	35.4	16.0	354.9	175.8	450	225
100A	6F-50.2	+	+	+	+	35.4	16.0	+	+	+	+
030H/M	3DS3-150E	59.6	275	29.0	138	23.6	10.8	157.7	76.1	200	100
040H/M	4DA3-200E	66.0	308	33.0	154	23.6	10.8	172.1	85.1	225	110
050H/M	4DH3-250E	82.2	428	41.1	214	23.6	10.8	208.6	103.3	250	125
060H/M	4DJ3-300E	94.0	470	47.0	235	23.6	10.8	235.1	116.6	300	150
070H/M	6DH3-350E	107.0	565	53.5	283	35.4	16.0	276.2	136.4	350	175
080H/M	6DJ3-400E^	142.0	594	71.0	297	35.4	16.0	354.9	175.8	500	225
100H/M	6F-50.2Y	+	+	+	+	+	16.0	+	+	+	250
020L	3DS3-100E	42.0	215	18.6	106	11.8	5.4	106.3	47.3	125	60
030L	4DL3-150E	52.6	278	26.3	139	11.8	5.4	130.2	64.6	175	90
044L	4DT3-220E	66.0	374	33.0	187	23.6	10.8	172.1	85.1	225	110
054L	6DL3-270E	80.8	450	40.4	225	23.6	10.8	205.4	101.7	250	125
060L	6DT3-300E	95.6	470	47.8	235	23.6	10.8	238.7	118.4	300	150
080L	6F-40.2Y	+	+	54.0	350	+	10.8	+	132.3	+	175
016V	S4N-8.2(Y)	29.5	140.0	17.0	81.0	11.8	5.4	78.2	43.7	100	60
024V	S4G-12.2(Y)	41.5	195.0	24.0	113.0	11.8	5.4	105.2	59.4	125	80
032V	S6J-16.2(Y)	53.5	228.0	31.0	132.0	11.8	5.4	132.2	75.2	175	100
040V	S6H-20.2(Y)	60.5	273.0	37.0	158.0	23.6	10.8	159.7	94.1	200	125
050V	S6G-25.2(Y)	74.0	333.5	45.0	193.0	23.6	10.8	190.1	112.1	250	150
060V	S6F-30.2(Y)	88.0	380.0	53.0	220.0	23.6	10.8	221.6	130.1	300	175

* =Single Refrigeration Circuit **=Dual Independent Refrigeration Circuit; @=Electrical data per compressor

^=6DJ only available in 220 V not 200/220V,

MCA# = Minimum Circuit Ampacity, excludes all evaporator loads

MOP # = Maximum Overcurrent protection, excludes all evaporator loads

Condenser fans are 2 HP 950 RPM

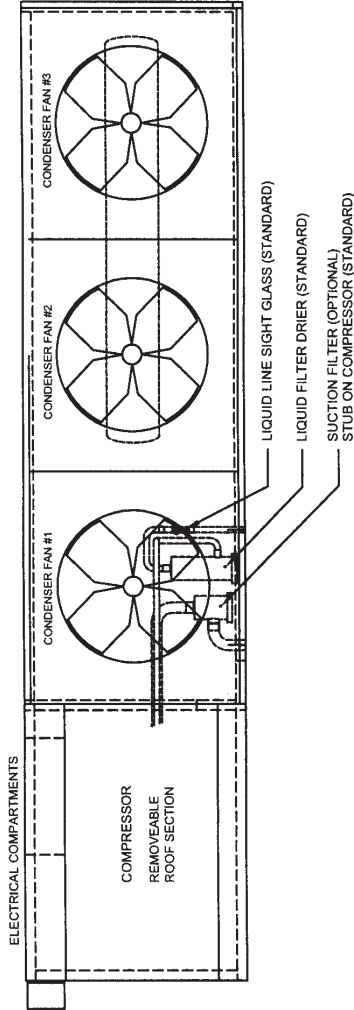
+ = Consult factory

Model No.&=Last digit in compressor model subject to change depending on operating refrigerant.

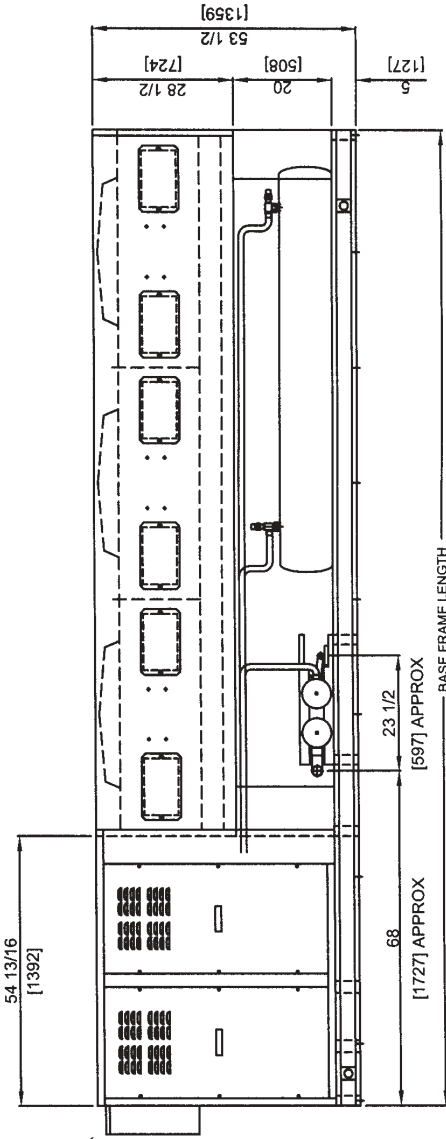
DIMENSIONAL DATA

BVS - CONDENSING UNIT - (inches - mm)

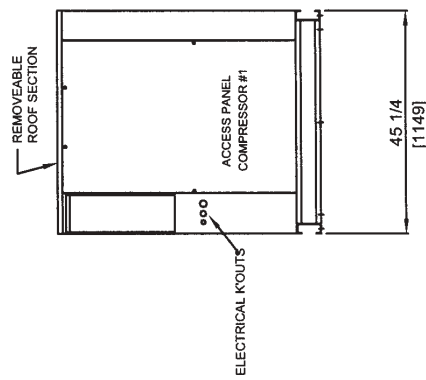
TOP VIEW



MODEL	SINGLE COMPRESSOR*	No. OF FANS	BASE FRAME LENGTH INCHES (MM)
BVS 015-A	3DS3A1500	1	117.25 [2978]
BVS 020-A	4DA3-2000	2	151.25 [3842]
BVS 025-A	4DH3-2500	2	152.25 [3842]
BVS 030-A	4DJ3-3000	2	153.25 [3842]
BVS 035-A	6DH3-3500	2	177.25 [4502]
BVS 040-A	6DJ3-4000	3	151.25 [3842]
BVS 050-A	6F-50.2	3	237.25 [6026]
BVS 015-H/M	3DS3-150E	2	151.25 [3842]
BVS 020-H/M	4DA3-200E	2	151.25 [3842]
BVS 025-H/M	4DH3-250E	2	151.25 [3842]
BVS 030-H/M	4DJ3-300E	2	177.25 [4502]
BVS 035-H/M	6DH3-350E	3	198.25 [5036]
BVS 040-H/M	6DJ3-400E	3	237.25 [6026]
BVS 050-H/M	6F-50.2Y	3	237.25 [6026]
BVS 010-L	3DS3-100E	1	104.25 [2648]
BVS 015-L	4DL3-150E	1	117.25 [2978]
BVS 022-L	4DT3-220E	2	151.25 [3842]
BVS 027-L	6DL3-270E	2	151.25 [3842]
BVS 030-L	6DT3-300E	2	151.25 [3842]
BVS 040-L	6F-40.2Y	2	177.25 [4502]
BVS 008V	S4N-8.2(Y)	1	104.3 [2648]
BVS 012V	S4G-12.2(Y)	1	117.3 [2978]
BVS 016V	S6J-16.2(Y)	1	117.3 [2978]
BVS 020V	S6H-20.2(Y)	2	151.3 [3842]
BVS 025V	S6G-25.2(Y)	2	151.3 [3842]
BVS 030V	S6F-30.2(Y)	2	151.3 [3842]



SIDE VIEW

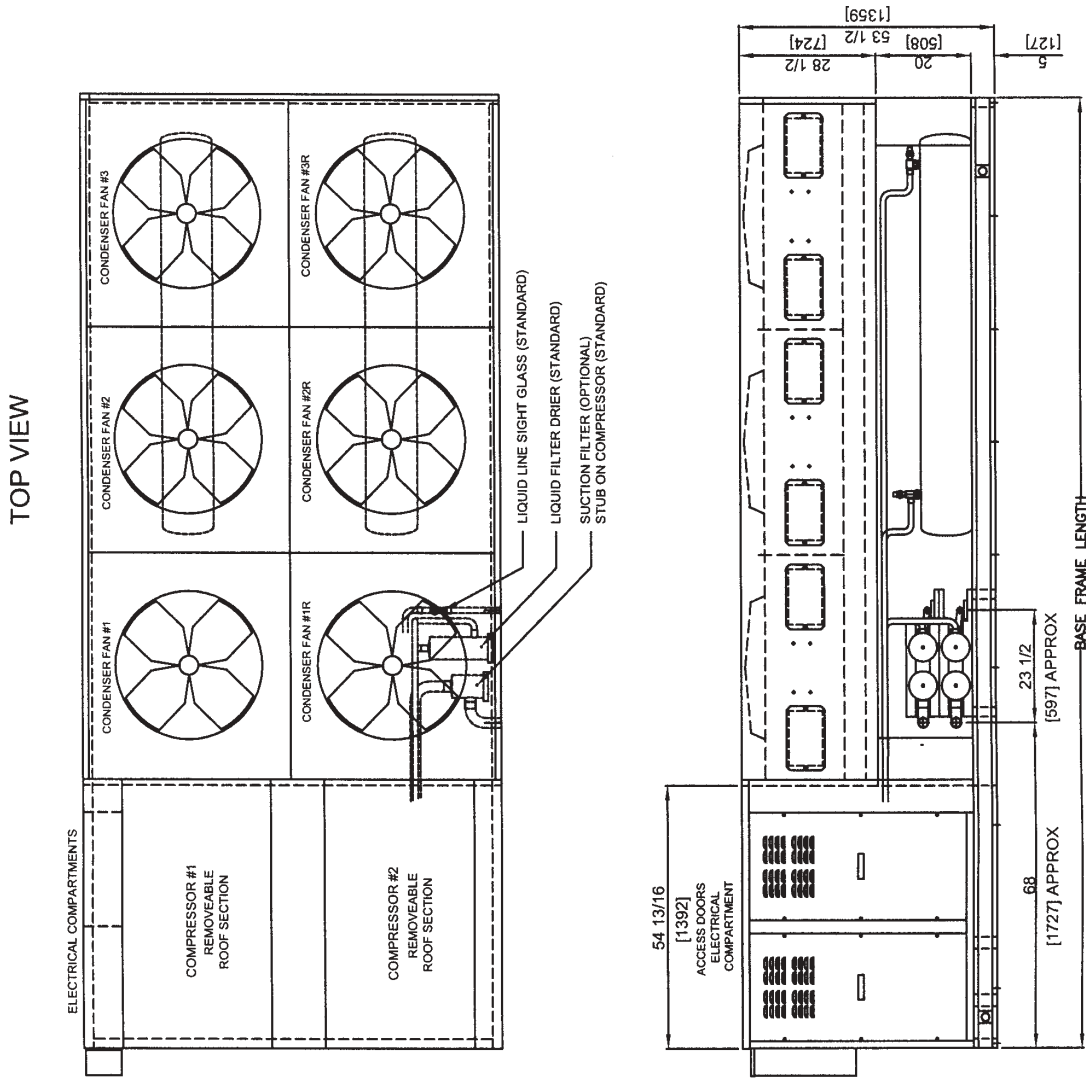


COMPRESSOR-END VIEW

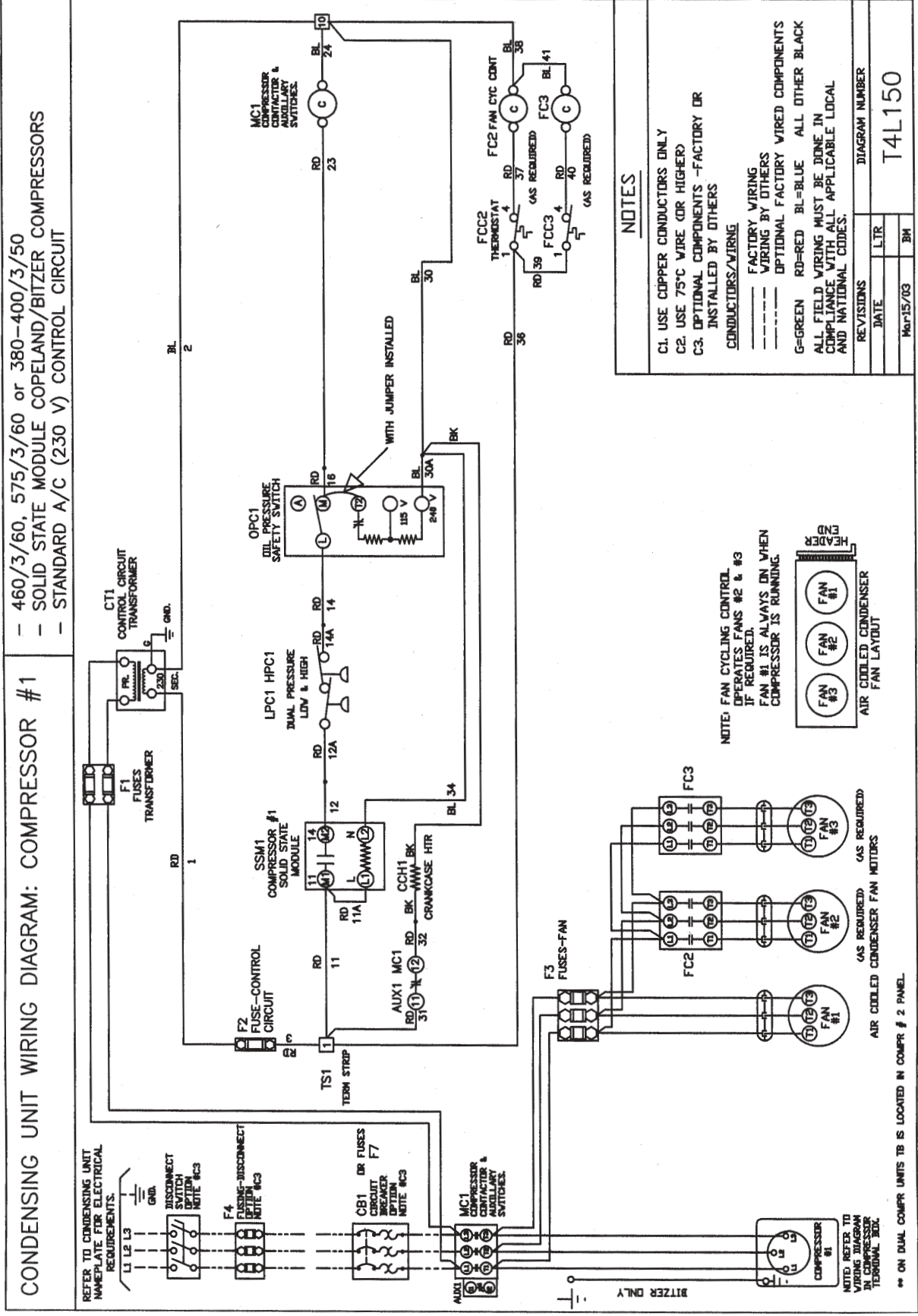
DIMENSIONAL DATA

BVD - CONDENSING UNIT - (inches - mm)

MODEL	DUAL COMPRESSOR*	No. OF FANS	BASE FRAME LENGTH INCHES (MM)
BVD 030-A	(2)3DS3A-1500	2	117.25 [2978]
BVD 040-A	(2)4DA3-2000	4	151.25 [3842]
BVD 050-A	(2)4DH3-2500	4	152.25 [3842]
BVD 060-A	(2)4DJ3-3000	4	153.25 [3842]
BVD 070-A	(2)6DH3-3500	4	177.25 [4502]
BVD 080-A	(2)6DJ3-4000	6	151.25 [3842]
BVD 100-A	(2)6F-50.2	6	237.25 [6026]
BVD 030-HM	(2)3DS3-150E	4	151.25 [3842]
BVD 040-HM	(2)4DA3-200E	4	151.25 [3842]
BVD 050-HM	(2)4DH3-250E	4	151.25 [3842]
BVD 060-HM	(2)4DJ3-300E	4	177.25 [4502]
BVD 070-HM	(2)6DH3-350E	6	198.25 [5036]
BVD 080-HM	(2)6DJ3-400E	6	237.25 [6026]
BVD 100-HM	(2)6F-50.2Y	6	237.25 [6026]
BVD 020-L	(2)3DS3-100E	2	104.25 [2648]
BVD 030-L	(2)4DL3-150E	2	117.25 [2978]
BVD 044-L	(2)4DT3-220E	4	151.25 [3842]
BVD 054-L	(2)6DL3-270E	4	151.25 [3842]
BVD 060-L	(2)6DT3-300E	4	151.25 [3842]
BVD 080-L	(2)6F-40.2Y	4	177.25 [4502]
BVD 016V	(2)S4N-8.2(Y)	2	104.3 [2648]
BVD 024V	(2)S4G-12.2(Y)	2	117.3 [2978]
BVD 032V	(2)S6J-16.2(Y)	2	117.3 [2978]
BVD 040V	(2)S6H-20.2(Y)	4	151.3 [3842]
BVD 050V	(2)S6G-26.2(Y)	4	151.3 [3842]
BVD 060V	(2)S6F-30.2(Y)	4	151.3 [3842]



CONDENSING UNIT WIRING DIAGRAM - COMPRESSOR #1 (AIR CONDITIONING)



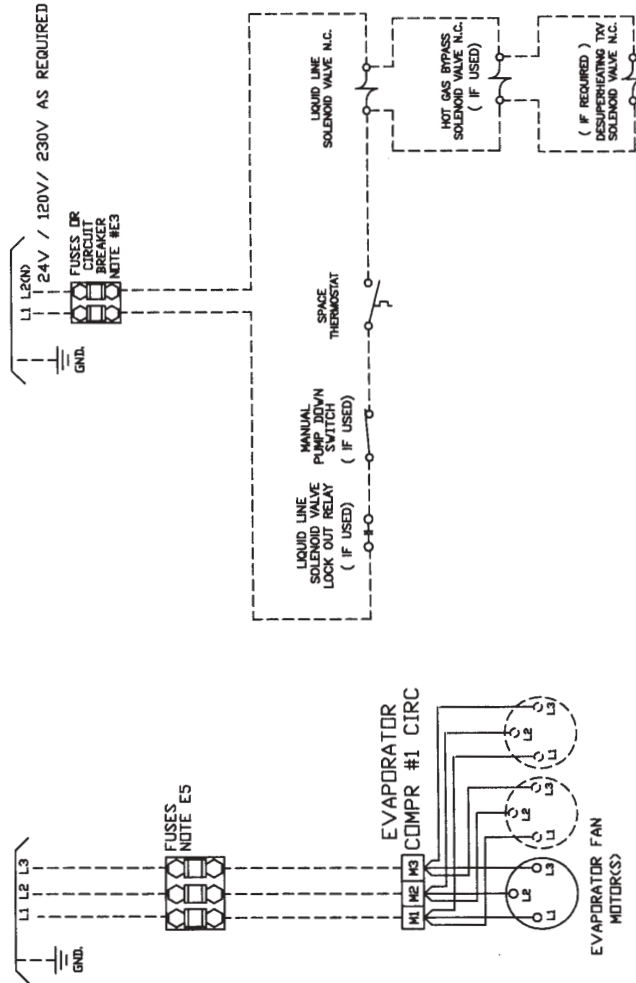
EVAPORATOR WIRING DIAGRAM - COMPRESSOR #1 (AIR CONDITIONING)

EVAPORATOR WIRING DIAGRAM: COMPRESSOR #1

- TYPICAL A/C EVAPORATOR FIELD WIRING
- WITH OR WITHOUT HOT GAS BYPASS
- FOR REMOTE POWER SUPPLY

TYPICAL EVAPORATOR FIELD WIRING

REFER TO EVAPORATOR NAMEPLATE FOR ELECTRICAL REQUIREMENTS



NOTES

- E1. USE COPPER CONDUCTORS ONLY
- E2. USE 75°C WIRE (OR HIGHER)
- E3. OPTIONAL COMPONENT. MAY BE FACTORY INSTALLED OR SUPPLIED BY OTHERS.
- E4. HEATER LOADS ARE NOT CONCURRENT WITH REFRIGERATION LOADS.
- E5. OVERCURRENT PROTECTION FOR EACH EVAPORATOR MUST EXCEED MAXIMUM VALUE SHOWN ON EVAPORATOR NAMEPLATES.
- E6. MAY BE FACTORY INSTALLED-MOUNTED AND WIRED ON EVAPORATOR (PRE-ASSEMBLED MODELS) ON MULTIPLE PRE-ASSEMBLED EVAPORATORS WIRE SECOND EVAPORATOR SOLENOID IN PARALLEL WITH FIRST.

CONDUCTORS/WIRING

- FACTORY WIRING
- WIRING BY OTHERS
- - - - - OPTIONAL COMPONENT WIRING (SOME OPTIONAL COMPONENTS MAY BE FACTORY WIRED.)

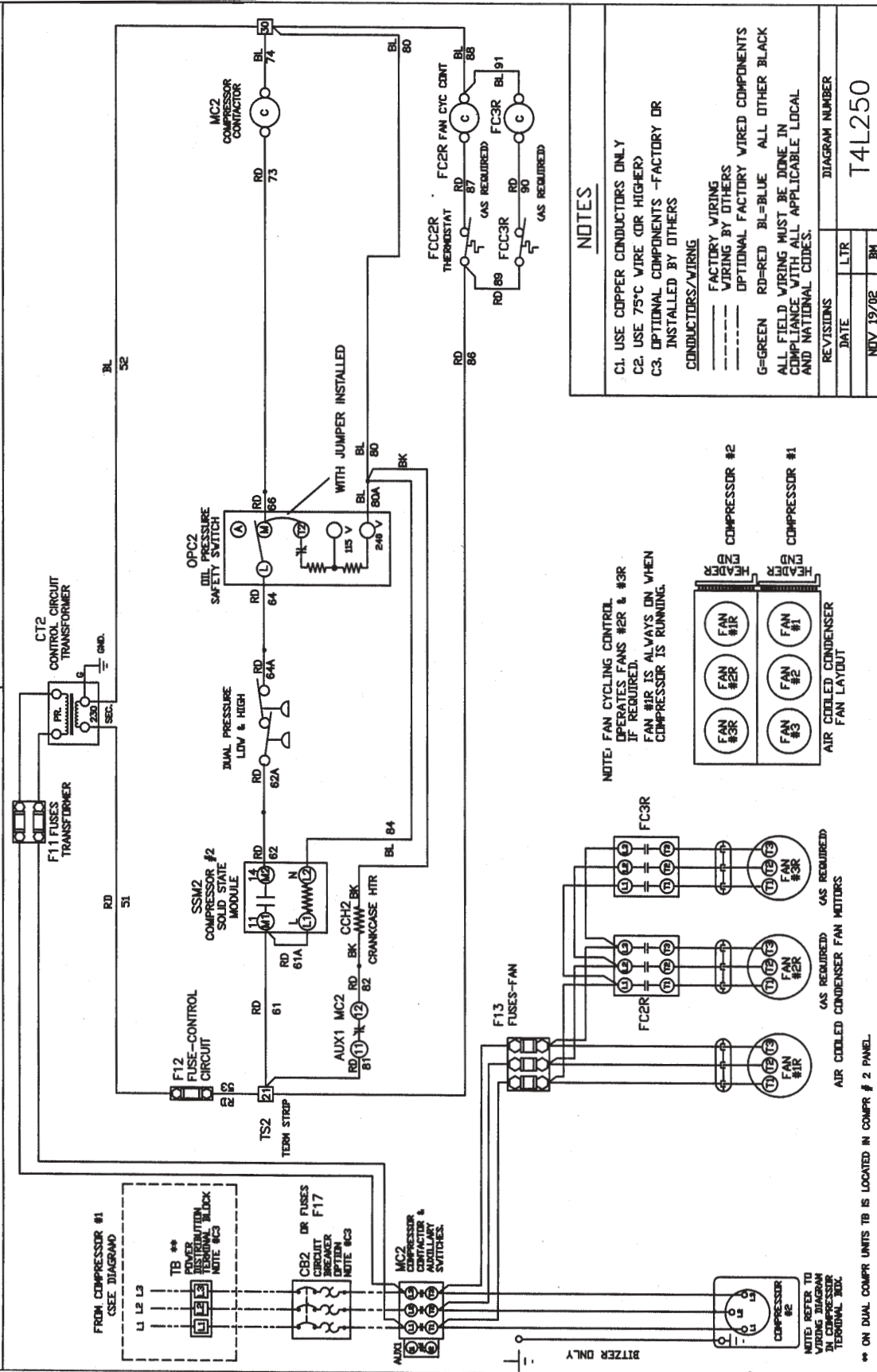
G=GREEN RD=RED BL=BLUE ALL OTHER BLACK
ALL FIELD WIRING MUST BE DONE IN COMPLIANCE WITH ALL APPLICABLE LOCAL AND NATIONAL CODES.

REVISIONS		DIAGRAM NUMBER	
DATE	LTR	GSA190	
NOV19/02	BH		

CONDENSING UNIT WIRING DIAGRAM - COMPRESSOR #2 (AIR CONDITIONING)

CONDENSING UNIT WIRING DIAGRAM: COMPRESSOR #2
(ALSO REFER TO COMPRESSOR #1 DIAGRAM)

- 460/3/60, 575/3/60 or 380-400/3/50
- SOLID STATE MODULE COPELAND/BITZER COMPRESSORS
- STANDARD A/C (230 V) CONTROL CIRCUIT



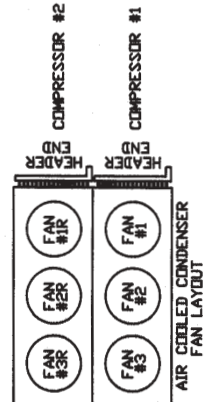
NOTES

C1. USE COPPER CONDUCTORS ONLY
C2. USE 75°C WIRE (OR HIGHER)
C3. OPTIONAL COMPONENTS -FACTORY OR INSTALLED BY OTHERS

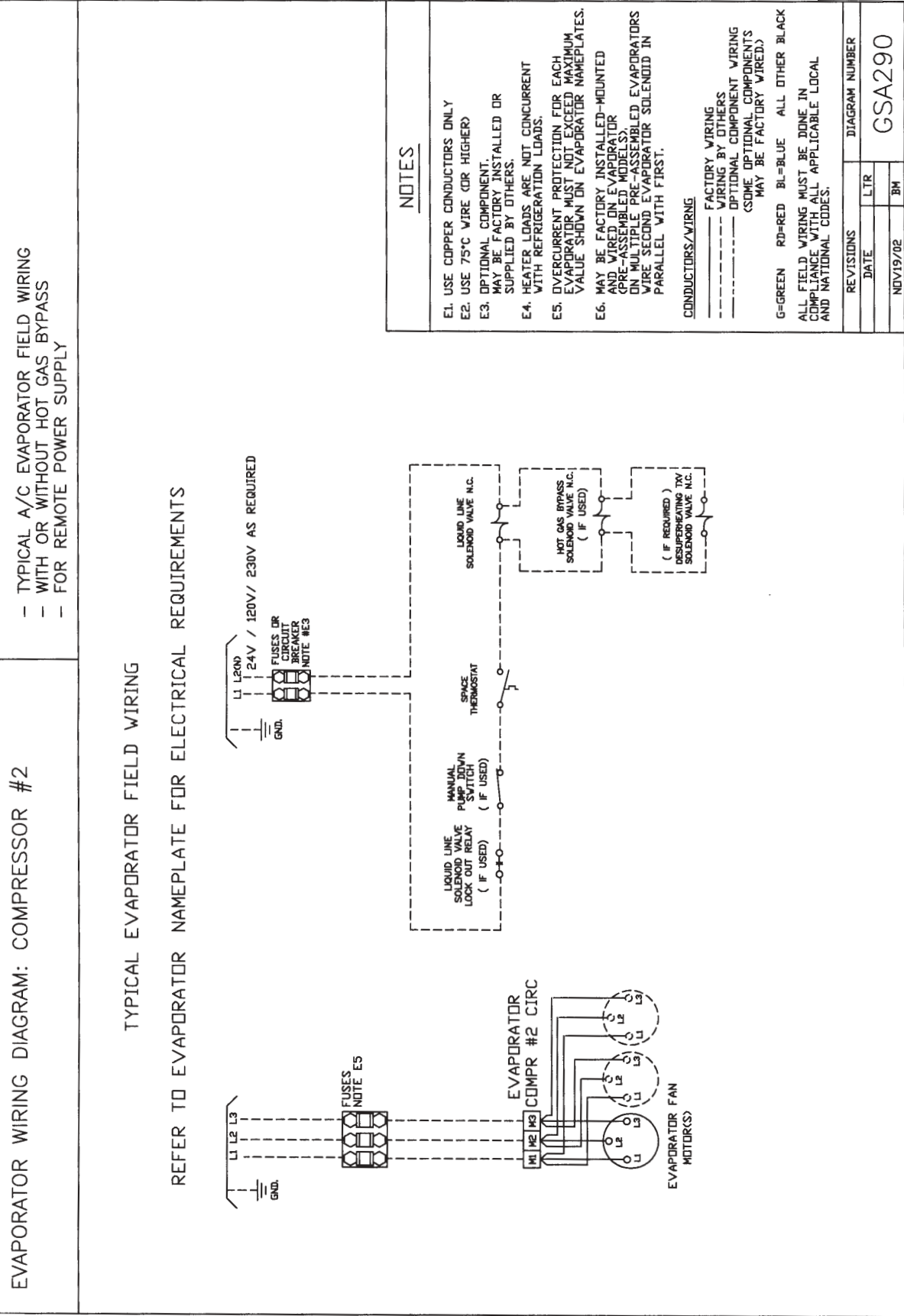
CONDUCTORS/WIRING

--- FACTORY WIRING
- - - - - WIRING BY OTHERS
- - - - - OPTIONAL FACTORY WIRED COMPONENTS
G=GREEN RD=RED BL=BLUE ALL OTHER BLACK
ALL FIELD WIRING MUST BE DONE IN COMPLIANCE WITH ALL APPLICABLE LOCAL AND NATIONAL CODES.

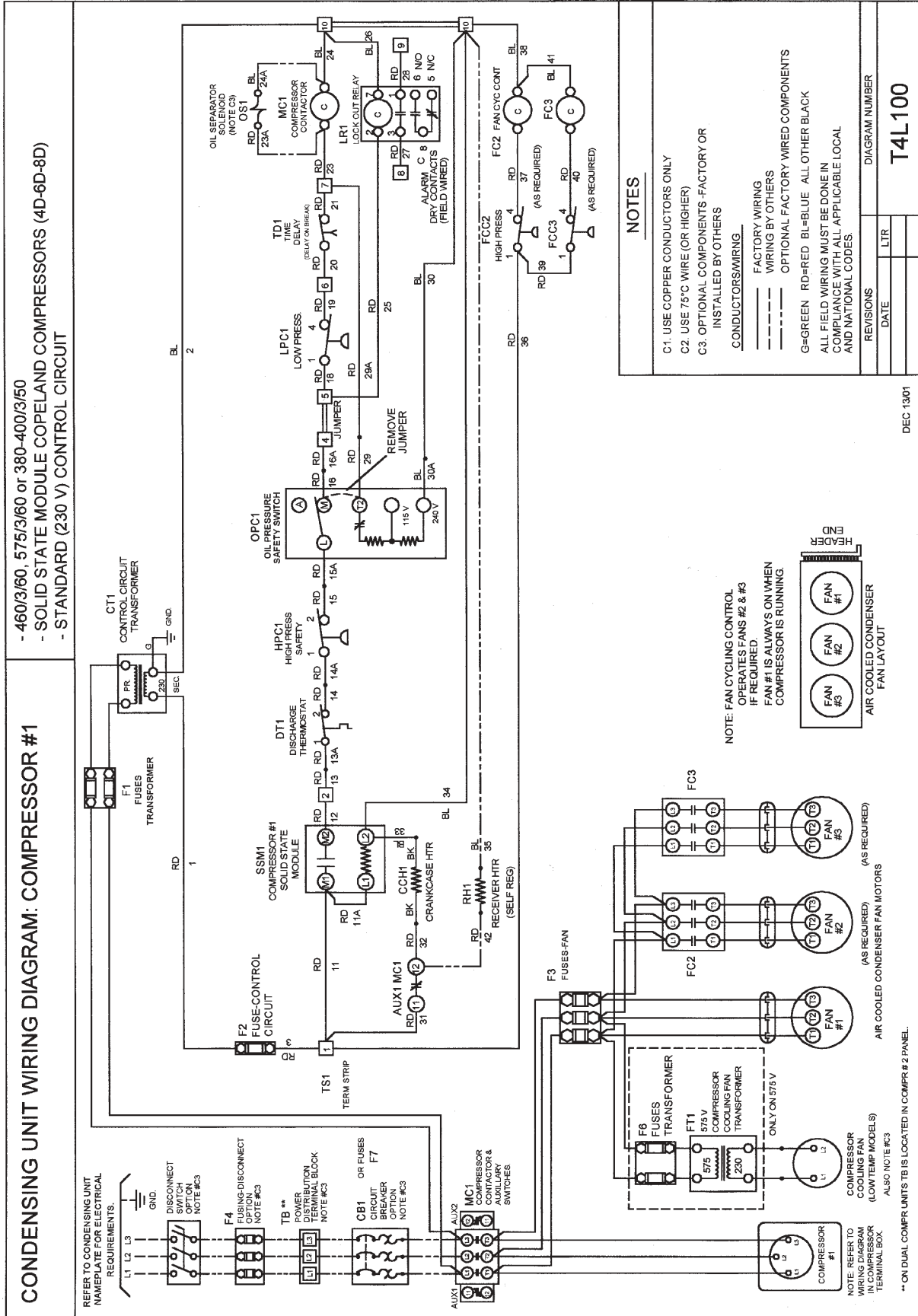
REVISIONS		DIAGRAM NUMBER	
DATE	LTR	T4L250	
NOV 19/02	BM		



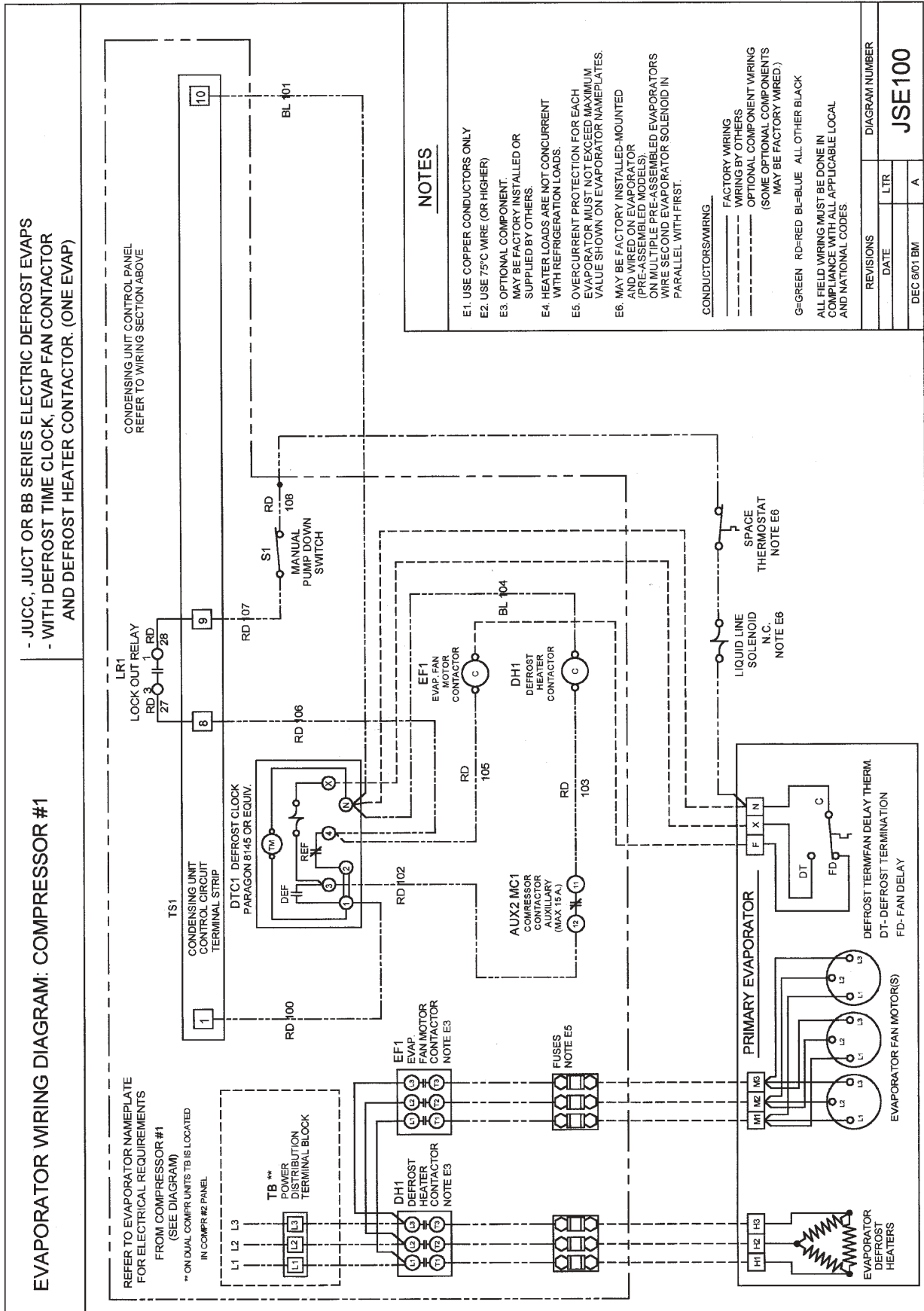
EVAPORATOR WIRING DIAGRAM - COMPRESSOR #2 (AIR CONDITIONING)



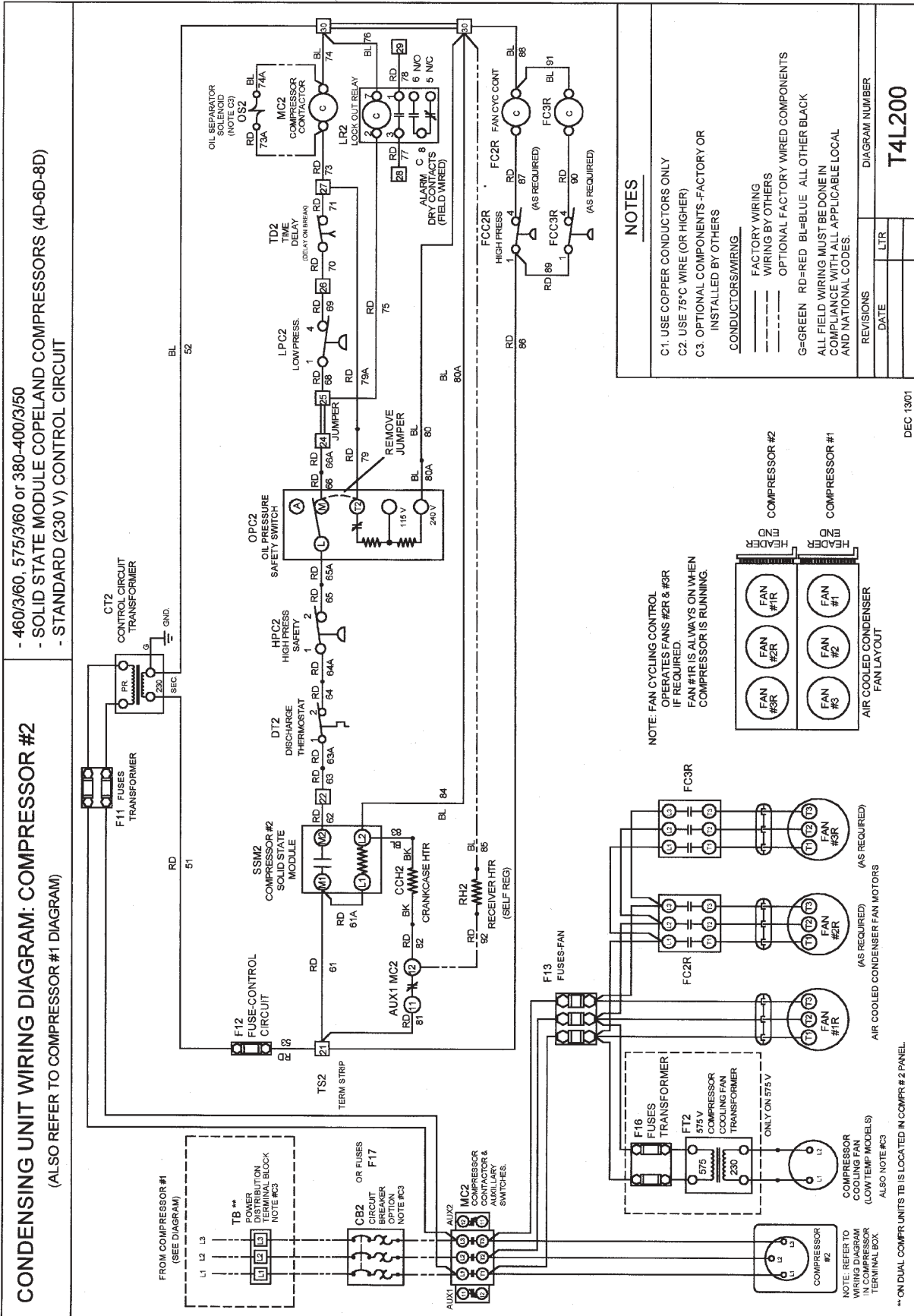
CONDENSING UNIT WIRING DIAGRAM - COMPRESSOR #1 (REFRIGERATION - SINGLE STAGE)



EVAPORATOR WIRING DIAGRAM - COMPRESSOR #1 (REFRIGERATION - SINGLE STAGE)



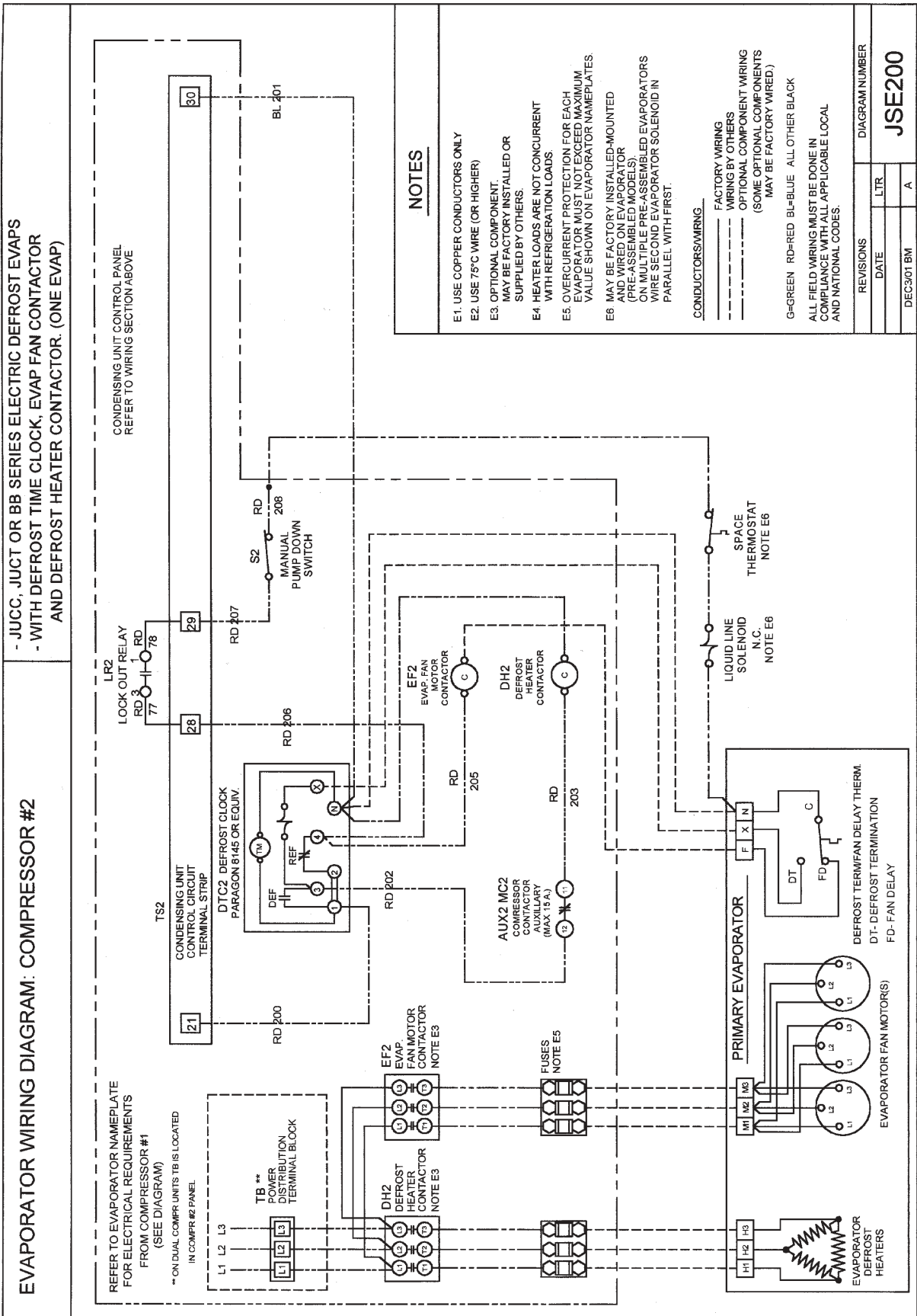
CONDENSING UNIT WIRING DIAGRAM - COMPRESSOR #2 (REFRIGERATION - SINGLE STAGE)



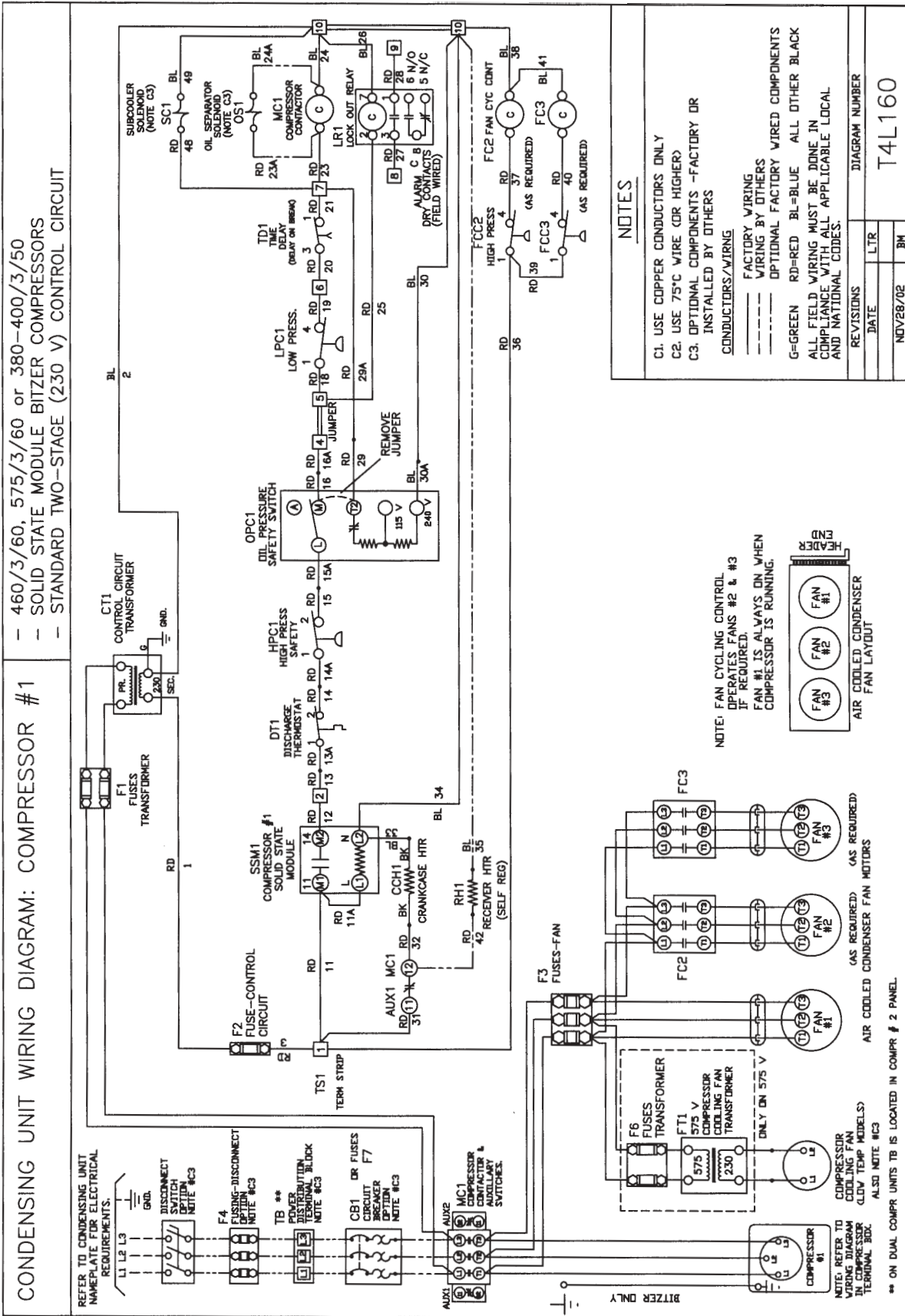
REVISONS	DATE	LTR	DIAGRAM NUMBER
			T4L200

DEC 1301

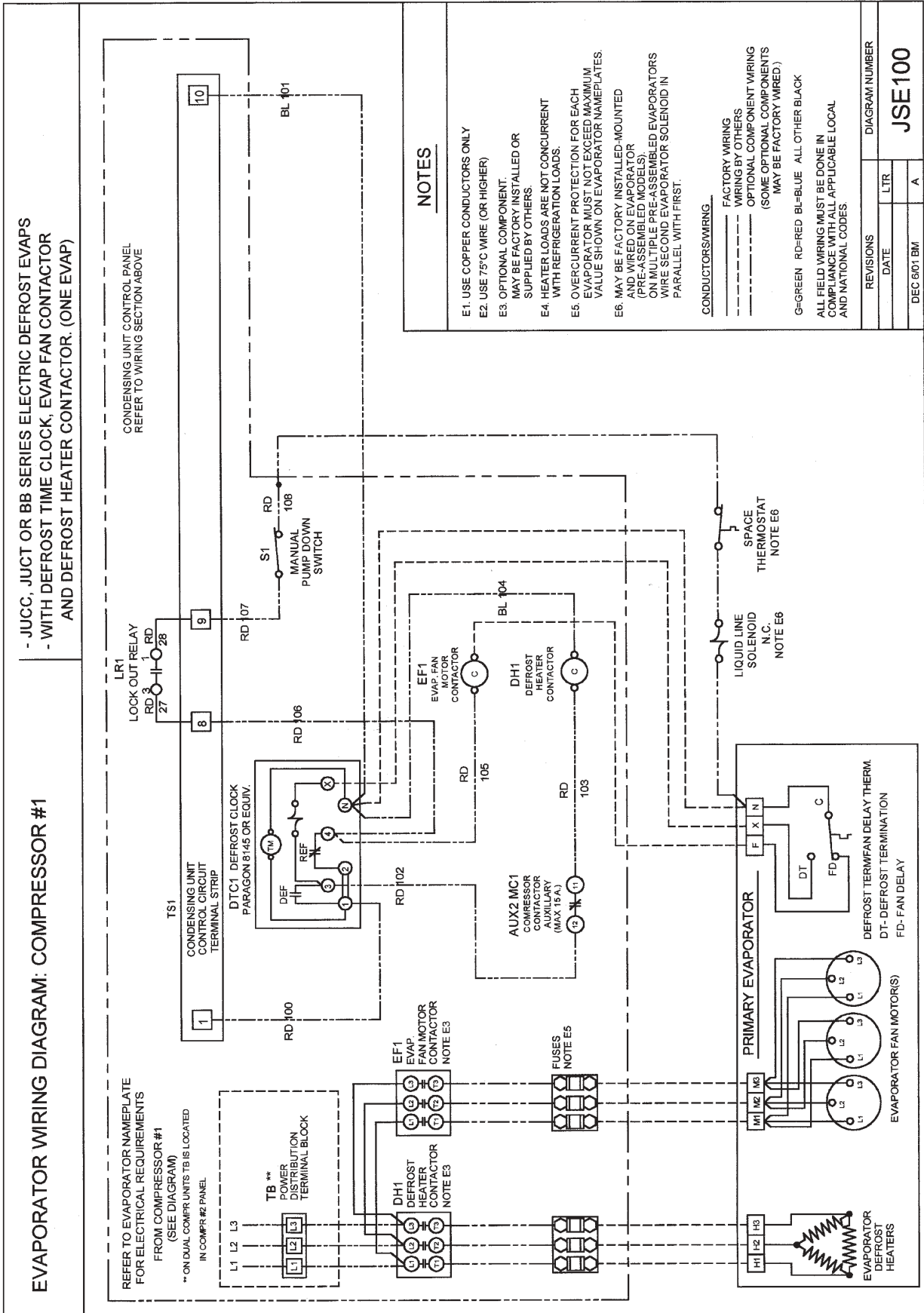
EVAPORATOR WIRING DIAGRAM - COMPRESSOR #2 (REFRIGERATION - SINGLE STAGE)



CONDENSING UNIT WIRING DIAGRAM - COMPRESSOR #1 (REFRIGERATION - TWO STAGE)

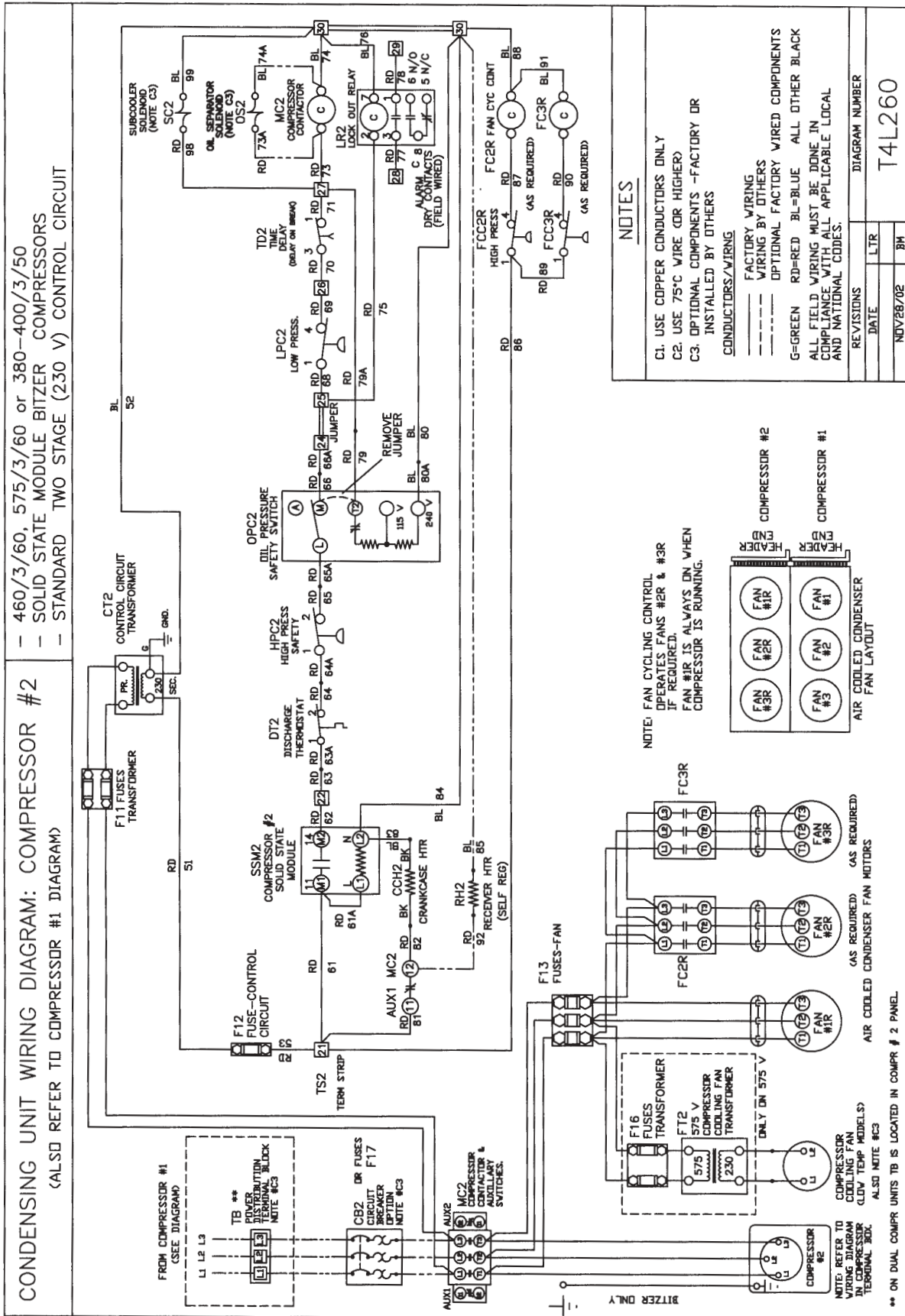


EVAPORATOR WIRING DIAGRAM - COMPRESSOR #1 (REFRIGERATION - TWO STAGE)

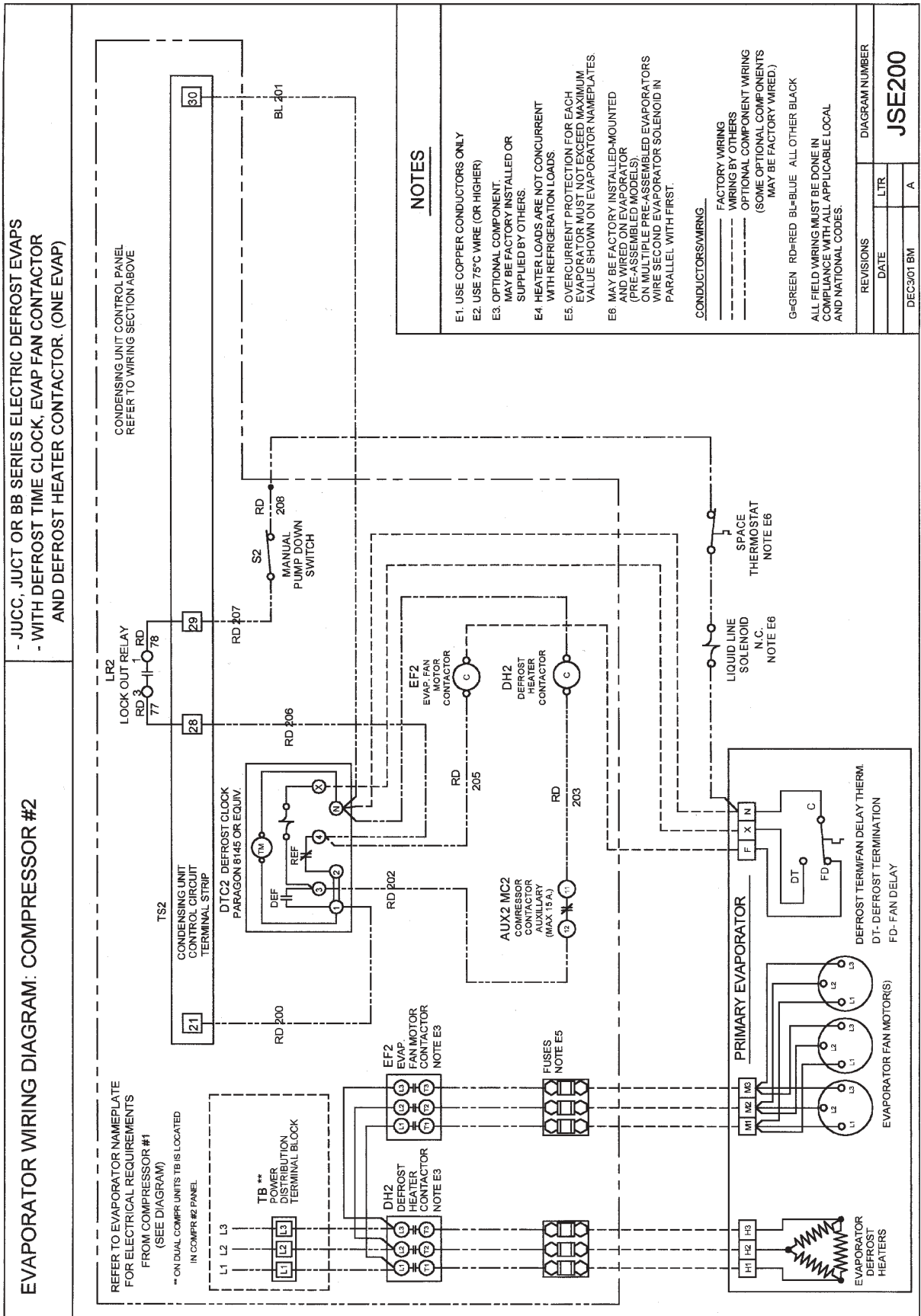


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CONDENSING UNIT WIRING DIAGRAM - COMPRESSOR #2 (REFRIGERATION - TWO STAGE)



EVAPORATOR WIRING DIAGRAM - COMPRESSOR #2 (REFRIGERATION - TWO STAGE)



System	
Model Number	Date of Start-Up
Serial Number	Service Contractor
Refrigerant	Phone
Electrical Supply	Fax



**General Sales, Parts & Service
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