

3 - 6 TONS PACKAGED HEAT PUMPS 13 SEER / UP TO 11.3 EER 8.0 HSPF

6-TON WITH TWO-SPEED BLOWER MOTOR AND
TWO-STAGE COMPRESSOR UP TO 15.5 IEER

COOLING CAPACITY: 35,000 — 71,000 BTU/H
HEATING CAPACITY: 34,600 — 70,000 BTU/H



■ Contents

Nomenclature.....	2
Product Specifications.....	4
Expanded Cooling Data	8
Airflow Data	18
Expanded Heating Data	24
Heat Kit Electrical Data	25
Dimensions	30
Wiring Diagrams	34
Accessories	41

■ Standard Features

- High-efficiency scroll compressor
- Copper tube / aluminum fin coils
- High- and low-pressure switches
- Refrigerant accumulator
- Contactor with lugs
- High-capacity, steel-cased filter drier
- Heater kits with single-point entry
- 24-volt terminal strip
- Convertible airflow orientation
- Easy to service
- Built-in filter rack with standard 2" filters
- Bottom utility entry
- AHRI Certified; ETL Listed
- 3-6 Tons with single speed blower motor units meet the performance specified in Table 6.8.1A of ASHRAE Standard 90.1-2010
- 6-ton with two-speed blower motor and two-stage compressor meet the performance specified as of 1/1/2016 in Table 6.8.1-2 of ASHRAE STANDARD 90.1-2013

■ Cabinet Features

- Heavy-gauge, galvanized-steel cabinet with UV-resistant powder-paint finish
- Full Perimeter Rail
- Sloped drain pan



* Complete warranty details available from your local dealer or at www.daikincomfort.com.

	D	C	H	060	020	3	B	*	*	*	A	*
	1	2	3	4,5,6	7,8,9	10	11	12	13	14	15	16
REVISION LEVELS												
Major & Minor												
FACTORY-INSTALLED OPTIONS												
BRAND	D Daikin											
CONFIGURATION	C Standard Efficiency T High Efficiency (3-5 Tons)											
APPLICATION	C Cooling G Gas Heat H Heat Pump											
NOMINAL COOLING CAPACITY												
036	3 Tons	102	8½ Tons	300	25 Tons							
048	4 Tons	120	10 Tons									
060	5 Tons	150	12½ tons									
072	6 Tons	180	15 Tons									
090	7½ Tons	240	20 Tons									
NOMINAL HEATING CAPACITY												
Gas/Electric	A/C H/P Factory-Installed Electric Heat											
045	45,000 BTU/h	XXX	No Heat									
090	90,000 BTU/h	010	10 kW	030	30 kW							
115	115,000 BTU/h	015	15 kW	031	30 kW							
140	140,000 BTU/h	016	15 kW	045	45 kW							
210	210,000 BTU/h	018	18 kW	046	45 kW							
350	350,000 BTU/h	020	20 kW	060	60 kW							
400	400,000 BTU/h	025	25 kW									
See product specifications for heat size(s) available for each capacity.												
VOLTAGE												
1	208-230/1/60	4	460/3/60									
3	208-230/3/60	7	575/3/60									
SUPPLY FAN/DRIVE TYPE/MOTOR												
B	Belt Drive (single speed)	V	Two-Speed Belt Drive (also designates									
D	Direct Drive (3-5 Tons)		6-Ton with two-stage compressor)									
FACTORY-INSTALLED OPTIONS												
X	No Options											
A	Ultra Low-Leak Downflow Economizer ¹											
H	Disconnect Switch (non-fused)											
J	Ultra Low-Leak Downflow Economizer ¹ ; Disconnect Switch (non-fused)											
V	Low-Leak Downflow Economizer ²											
W	Low-Leak Downflow Economizer ² ; Disconnect Switch (non-fused)											
Note: Not all options available for all products.												
¹ Please contact RRS Rooftop Systems directly if Power Exhaust is required.												
² Please use part number DPE36722 / DPE36724 / DPE36727 if Power Exhaust is required.												
FACTORY-INSTALLED OPTIONS												
X	Standard Aluminized Heat Exchanger											
S	Stainless-Steel Heat Exchanger											
D	Hinged Panels (3-12½ Tons)											
K	Stainless-Steel Heat Exchanger; Hinged panels (3-12½ Tons)											

FACTORY-INSTALLED OPTIONS

- Stainless-Steel Heat Exchanger (DCG units only): A tubular heat exchanger made of 409-type stainless steel is installed in the unit.
- Low-Ambient Kit: Allows for cooling operation at lower outdoor temperatures. On the 3- to 6-ton units, cooling operation is extended from 60°F ambient temperature to 35°F outside air temperature. On 7½ -20 ton units, cooling operation is extended from 35°F ambient temperature to 0°F outside air temperature. For 25 ton units, cooling operation is extended from 24°F ambient temperature to 0°F outside air temperature.
- Economizers (Downflow): Based on air conditions, can provide outside air to cool the space.
- Electric Heat Kits (DCC/DTC and DCH/DTH units only): Available in all voltage options.
- Non-powered Convenience Outlet: A 120V, 15A, GFCI outlet makes it easier for technicians to service the unit once an electrician runs power to the outlet.
- Powered Convenience Outlet: A 120V, 15A, GFCI outlet powered with a transformer built into the unit. When a factory-installed powered convenience outlet is installed in the equipment, the unit MCA (Min. Circuit Ampacity) will increase by 7.5A for 208/230V units, increase by 3.75A for 460V units, and by 3A for 575V units. The MOP (Max. Overcurrent Protection) device must be sized accordingly.
- Disconnect Switch (non-fused; 3-phase units only): A disconnect switch is installed in the unit and factory wiring will be complete from the switch to the unit. Please note that for air conditioning (DCC units) and heat pump models (DCH units), the appropriate electric heat kit must be ordered to be factory-installed along with the disconnect switch (non-fused) when it is ordered. Please note that for models with a powered convenience outlet option and a disconnect switch (non-fused) option, the power to the powered convenience outlet will be shut off when the disconnect switch (non-fused) is in the off position.
- Return Air and/or Supply Air Smoke Detectors: Return air and/or supply air smoke detectors are installed in the unit.
- Hinged Access Panels: Allows access to unit's major components. Combined with latches for easy access to control box, compressor, filters and blower motor. Available on 3-12½ Tons units.
- Two-speed indoor fan blower models are available on 6, 7½, 8½, 10, 12½, 15, 20 & 25 ton units. Section 6.4.3.10.b of ASHRAE Standard 90.1-2010 and Section 6.5.3.2.1.a of ASHRAE Standard 90.1-2013 require a minimum of two fan speeds. Section 140.4(m)1 of California Energy Commission Title 24 2013 contains a similar provision. When the units with the two-speed indoor fan blowers operate on a call for the first stage of cooling, the fan operates at low speed, which is 66% of full speed. When the units operate on a call for the second stage of cooling, the fan operates at full speed. In heating operation, the fan operates at full speed. During ventilation operation, the fan operates at low speed.

	DCH036 ***3D***A*	DCH036 ***3B***A*	DCH036 ***4B***A*	DCH036 ***7B***A*
COOLING CAPACITY				
Total BTU/h	35,000	35,000	35,000	35,000
Sensible BTU/h	25,460	25,460	25,460	25,460
SEER / EER	13 / 11	13 / 11	13 / 11	13 / 11
Decibels	78	78	78	78
AHRI Reference #s	6345742	6345742	6345743	6345744
HEATING CAPACITY				
BTU/h / COP (47° F)	34,600 / 3.5	34,600 / 3.5	34,600 / 3.5	34,600 / 3.62
BTU/h / COP (17° F)	19,000 / 2.2	19,000 / 2.2	19,000 / 2.2	19,000 / 2.2
HSPF	7.7	7.7	7.7	7.7
EVAPORATOR MOTOR / COIL				
Motor Type	Direct Drive	Belt Drive	Belt Drive	Belt Drive
# of Wheels (D x W)	1 (10" x 9")	1 (11" x 10")	1 (11" x 10")	1 (11" x 10")
Indoor Nominal CFM	1,200	1,200	1,200	1,200
Motor Speed Tap (Cooling)	Low Speed	---	---	---
Indoor Motor FLA (Cooling)	2.50	3.8	1.9	2.3
Horsepower - RPM	⅓ - 890	1.0 - 1725	1.0 - 1725	1.5 - 1725
Piston Size (Cooling)	0.068	0.068	0.068	0.068
Filter Size (Qty)	(1) 24" x 24" x 2"	(1) 24" x 24" x 2"	(1) 24" x 24" x 2"	(1) 24" x 24" x 2"
Drain Size (NPT)	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge (oz.)	105	105	105	135
Evaporator Coil Face Area (ft ²)	5.4	5.4	5.4	5.4
Rows Deep / Fins per Inch	3 / 16	3 / 16	3 / 16	3 / 16
BELT DRIVE EVAP FAN DATA				
# of Wheels (D x W)	1 (10" x 9")	1 (11" x 10")	1 (11" x 10")	1 (11" x 10")
Motor Sheave	---	1VL40 x ¾"	1VL40 x ¾"	1VL40 x ¾"
Blower Sheave / Belt	---	AK69 x 1 / AX52	AK69 x 1 / AX52	AK69 x 1 / AX52
CONDENSER FAN / COIL				
Quantity of Condenser Fan Motors	1	1	1	1
Horsepower - RPM	¼ / 1,090	¼ / 1,090	¼ - 890	¼ - 1,075
Fan Diameter / # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800
Face Area (ft ²)	17.0	17.0	17.0	13.0
Rows Deep / Fins per Inch	1 / 24	1 / 24	1 / 24	2 / 16
Piston Size (Heating)	0.055	0.055	0.055	0.053
COMPRESSOR				
Quantity / Type	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Single	Single	Single	Single
Compressor RLA / LRA	10.5 / 73.0	10.5 / 73.0	5.8 / 38.0	3.8 / 36.5
ELECTRICAL DATA				
Voltage - Phase - Frequency	208/230-3-60	208/230-3-60	460-3-60	575-3-60
Indoor Blower HP / FLA	⅓ / 2.5	1.0 / 3.8	1.0 / 1.9	1.5 / 2.3
Outdoor Fan HP / FLA	¼ / 1.4	¼ / 1.4	¼ / 0.8	¼ / 0.6
Total Unit Amps	14.35	15.65	8.47	6.68
Min. Circuit Ampacity ¹	17	18	10	8
Max. Overcurrent Protection (amps) ²	25	25	15	10
Power Supply Conduit Hole	1.125"	1.125"	1.125"	1.125"
Low Voltage Conduit Hole	½"	½"	½"	½"
OPERATING WEIGHT (LBS)				
	580	580	580	580
SHIP WEIGHT (LBS)				
	605	605	605	605

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² May use fuses or HACR-type circuit breakers of the same size as noted.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- When a factory-installed powered convenience outlet is installed in the equipment, the unit MCA (Min. Circuit Ampacity) will increase by 7.5A for 208/230V units, increase by 3.75A for 460V units, and by 3A for 575V units. The MOP (Max. Overcurrent Protection) device must be sized accordingly.

	DCH048 ***3D***A*	DCH048 ***3B***A*	DCH048 ***4B***A*	DCH048 ***7B***A*
COOLING CAPACITY				
Total BTU/h	46,000	46,000	46,000	46,000
Sensible BTU/h	34,500	34,500	34,500	34,500
SEER / EER	13 / 11.3	13 / 11.3	13 / 11.3	13 / 11.3
Decibels	78	78	78	78
AHRI Reference #s	6345746	6345746	6345747	6345748
HEATING CAPACITY				
BTU/h / COP (47° F)	45,000 / 3.5	45,000 / 3.5	45,000 / 3.5	45,000 / 3.5
BTU/h / COP (17° F)	24,800 / 2.2	24,800 / 2.2	24,800 / 2.2	24,800 / 2.2
HSPF	7.7	7.7	7.7	7.7
EVAPORATOR MOTOR / COIL				
Motor Type	Direct Drive	Belt Drive	Belt Drive	Belt Drive
Indoor Nominal CFM	1,600	1,600	1,600	1,600
Motor Speed Tap (Cooling)	Medium	---	---	---
Indoor Motor FLA (Cooling)	2.87	3.8	1.9	2.3
Horsepower - RPM	½ - 1,000	1.0 - 1,725	1.0 - 1,725	1.5 - 1,725
Piston Size (Cooling)	0.076	0.076	0.076	0.076
Filter Size (#)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)
Drain Size (NPT)	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge (oz.)	170	170	170	170
Evaporator Coil Face Area (ft ²)	7.8	7.8	7.8	7.8
Rows Deep / Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16
BELT DRIVE EVAP FAN DATA				
# of Wheels (D x W)	1 (10" x 9")	1 (11" x 10")	1 (11" x 10")	1 (11" x 10")
Motor Sheave	---	VL44 x ¾"	VL44 x ¾"	VL44 x ¾"
Blower Sheave / Belt	---	AK66 x 1 / AX52	AK66 x 1 / AX52	AK66 x 1 / AX52
CONDENSER FAN / COIL				
Quantity of condenser Fan Motors	1	1	1	1
Horsepower - RPM	¼ / 1,090	¼ / 1,090	¼ - 890	¼ - 1,075
Fan Diameter / # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800
Face Area (ft ²)	17	17	17	17
Rows Deep / Fins per Inch	2 / 18	2 / 18	2 / 18	2 / 18
Piston Size (Heating)	0.057	0.057	0.057	0.057
COMPRESSOR				
Quantity / Type	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Single	Single	Single	Single
Compressor RLA / LRA	13.1 / 83.1	13.1 / 83.1	6.1 / 41	4.4 / 33
ELECTRICAL DATA				
Voltage - Phase - Frequency	208/230-3-60	208/230-3-60	460-3-60	575-3-60
Outdoor Fan FLA	1.40	1.40	0.80	0.60
Total Unit Amps	17.4	18.3	8.8	7.3
Min. Circuit Ampacity ¹	21	22	10	8
Max. Overcurrent Protection (amps) ²	30	30	15	10
Power Supply Conduit Hole	1.125"	1.125"	1.125"	1.125"
Low Voltage Conduit Hole	½"	½"	½"	½"
OPERATING WEIGHT (LBS)				
	585	585	585	585
SHIP WEIGHT (LBS)				
	610	610	610	610

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² May use fuses or HACR-type circuit breakers of the same size as noted.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- When a factory-installed powered convenience outlet is installed in the equipment, the unit MCA (Min. Circuit Ampacity) will increase by 7.5A for 208/230V units, increase by 3.75A for 460V units, and by 3A for 575V units. The MOP (Max. Overcurrent Protection) device must be sized accordingly.

	DCH060 ***3D***A*	DCH060 ***3B***A*	DCH060 ***4B***A*	DCH060 ***7B***A*
COOLING CAPACITY				
Total BTU/h	59,500	59,500	59,500	59,500
Sensible BTU/h	43,200	43,200	43,200	43,200
SEER / EER	13 / 11.0	13 / 11.0	13 / 11.0	13 / 11.0
Decibels	78	78	78	78
AHRI Reference #s	6345750	6345750	6345751	6345752
HEATING CAPACITY				
BTU/h / COP (47° F)	57,000 / 3.5	57,000 / 3.5	57,000 / 3.5	57,000 / 3.5
BTU/h / COP (17° F)	32,000 / 2.2	32,000 / 2.2	32,000 / 2.2	32,000 / 2.2
HSPF	7.7	7.7	7.7	7.7
EVAPORATOR MOTOR/ COIL				
Motor Type	Direct	Belt	Belt	Belt
Indoor Nominal CFM	1,950	1,950	1,950	1,950
Piston Size (Cooling)	0.082	0.082	0.082	0.082
Filter Size (#)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)	14 x 20 x 2 (4)
Drain Size (NPT)	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge (oz.)	170	170	170	170
Face Area (ft ²)	7.8	7.8	7.8	7.8
Rows Deep / Fins per Inch	4 / 16	4 / 16	4 / 16	4 / 16
Tube Diameter - Material	5/16 - Copper	5/16 - Copper	5/16 - Copper	5/16 - Copper
BELT DRIVE EVAP FAN DATA				
# of Wheels (D x W)	---	1 (11" x 10")	1 (11" x 10")	1 (11" x 10")
Motor Sheave	---	VL44 x ¾"	VL44 x ¾"	VL44 x ¾"
Blower Sheave / Belt	---	AK61 x 1 / AX52	AK61 x 1 / AX52	AK61 x 1 / AX52
CONDENSER FAN / COIL				
Horsepower / RPM	¼ / 1,090	¼ / 1,090	¼ / 1,090	¼ / 1,075
Fan Diameter / # Fan Blades	22 / 4	22 / 4	22 / 4	22 / 4
Outdoor Nominal CFM	3,800	3,800	3,800	3,800
Face Area (ft ²)	17	17	17	17
Rows Deep / Fins per Inch	2 / 18	2 / 18	2 / 18	2 / 18
Tube Diameter - Material	5/16 - Copper	5/16 - Copper	5/16 - Copper	5/16 - Copper
Piston Size (Heating)	0.064	0.064	0.064	0.064
COMPRESSOR				
Quantity / Type	1 / Scroll	1 / Scroll	1 / Scroll	1 / Scroll
Stage	Single	Single	Single	Single
Compressor RLA / LRA	16 / 110	16 / 110	7.8 / 52	5.7 / 38.9
ELECTRICAL DATA				
Voltage - Phase - Frequency	208/230-3-60	208/230-3-60	460-3-60	575-3-60
Indoor Blower HP / FLA	1.0 / 7.6	1.0 / 3.8	1.0 / 1.9	1.5 / 2.3
Indoor Blower LRA	---	24	12	12
Outdoor Fan HP / FLA	¼ / 1.40	¼ / 1.40	¼ / 0.80	¼ / 0.60
Total Unit Amps	25	21.2	10.5	8.6
Min. Circuit Ampacity ¹	29	25	12	10
Max. Overcurrent Protection (amps) ²	45	40	20	15
Power Supply Conduit Hole	1.125"	1.125"	1.125"	1.125"
Low Voltage Conduit Hole	½"	½"	½"	½"
OPERATING WEIGHT (LBS)	590	590	590	590
SHIP WEIGHT (LBS)	615	615	615	615

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² May use fuses or HACR-type circuit breakers of the same size as noted.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- When a factory-installed powered convenience outlet is installed in the equipment, the unit MCA (Min. Circuit Ampacity) will increase by 7.5A for 208/230V units, increase by 3.75A for 460V units, and by 3A for 575V units. The MOP (Max. Overcurrent Protection) device must be sized accordingly.

	DCH072 ***3B***A*	DCH072 ***3V***A*	DCH072 ***4B***A*	DCH072 ***4V***A*	DCH072 ***7B***A*	DCH072 ***7V***A*
COOLING CAPACITY						
Total BTU/h	71,000	69,000	71,000	69,000	71,000	69,000
Sensible BTU/h	50,410	50,000	50,410	50,000	50,410	50,000
EER / IEER	11.1 / 11.2	11.2/15.0	11.1 / 11.2	11.2/15.0	11.1 / 11.2	11.2/15.0
Decibels	78.0	78.0	78.0	78.0	78.0	78.0
AHRI Number	6345702	8952850	6345702	8952850	6345702	8952850
HEATING CAPACITY						
BTU/h (47° F)	70,000	69,000	70,000	69,000	70,000	69,000
COP (47°F)	3.6	3.7	3.6	3.7	3.6	3.7
BTU/h (17° F)	39,000	38,000	39,000	38,000	39,000	38,000
COP (17°F)	2.3	2.3	2.3	2.3	2.3	2.3
EVAPORATOR MOTOR / COIL						
Motor Type	Belt Drive	2-speed Belt Drive	Belt Drive	2-speed Belt Drive	Belt Drive	2-speed Belt Drive
# of Wheels (D x W)	1 (11" x 10")	1 (11" x 10")	1 (11" x 10")	1 (11" x 10")	1 (11" x 10")	1 (11" x 10")
Indoor Nominal CFM	2,400	2,350	2,400	2,350	2,400	2,350
Motor Speed Tap (Cooling)	---	---	---	---	---	---
Indoor Motor FLA (Cooling)	5.0	6.0	2.5	2.9	2.3	2.4
Horsepower - RPM	1.5-1,725	2.0-1,725	1.5-1,725	2.0-1,725	1.5-1,725	2.0-1,725
Piston Size (Cooling)	0.094	TXV	0.094	TXV	0.094	TXV
Filter Size (Qty)	(4) 16" x 20" x 2"	(4) 16" x 20" x 2"	(4) 16" x 20" x 2"	(4) 16" x 20" x 2"	(4) 16" x 20" x 2"	(4) 16" x 20" x 2"
Drain Size (NPT)	¾"	¾"	¾"	¾"	¾"	¾"
R-410A Refrigerant Charge (oz.)	233.0	241.0 OZ	233.0	241.0 OZ	233.0	241.0 OZ
Evaporator Coil Face Area (ft ²)	8.9	8.9	8.9	8.9	8.9	8.9
Rows Deep/ Fins per Inch	4/16	4/16	4/16	4/16	4/16	4/16
Motor Sheave	VL44 x 7/8	VL44 X 7/8	VL44 x 7/8	VL44 x 7/8	VL44 x 7/8	VL44 x 7/8
Blower Sheave / Belt	AK59x1 / AX52	AK59x1 / AX53	AK59x1 / AX52	AK59x1 / AX53	AK59x1 / AX52	AK59x1 / AX53
CONDENSER FAN / COIL						
Quantity of Condenser Fan Motors	1	1	1	1	1	1
Horsepower - RPM	½ - 1,075	½ - 1,075	½ - 1,075	½ - 1,075	½ - 1,075	½ - 1,075
Fan Diameter/ # Fan Blades	22/ 4	22/ 4	22/ 4	22/ 4	22/ 4	22/ 4
Outdoor Nominal CFM	4,300	4,300	4,300	4,300	4,300	4,300
Face Area (ft ²)	18.7	18.7	18.7	18.7	18.7	18.7
Rows Deep/ Fins per Inch	2/ 20	2/ 20	2/ 20	2/ 20	2/ 20	2/ 20
Piston Size (Heating)	0.080	0.080	0.080	0.080	0.080	0.080
COMPRESSOR						
Quantity / Stage	1 / Single	1 /Two	1 / Single	1 /Two	1 / Single	1 /Two
Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
Compressor RLA / LRA	19/123.0	17.6/136	9.7/62.0	8.5/66.1	7.4/50.0	6.3/55.3
ELECTRICAL DATA						
Voltage/ Phase/ Frequency	208-230/ 3/ 60	208-230/ 3/ 60	460/ 3/ 60	460/ 3/ 60	575/ 3/ 60	575/ 3/ 60
Outdoor Fan FLA	1.90	2.00	1.20	0.90	0.90	0.70
Total Unit Amps	25.9	25.6	13.4	12.3	10.6	9.4
Min. Circuit Ampacity ¹	31	30	16	14.4	12	12
Max. Overcurrent Protection (amps) ²	45	45	25	20	15	15
Entrance Power Supply	1.125"	1.125"	1.125"	1.125"	1.125"	1.125"
Entrance Control Voltage	½"	½"	½"	½"	½"	½"
OPERATING WEIGHT (LBS)						
	650	650	650	650	650	650
SHIP WEIGHT (LBS)						
	675	675	675	675	675	675

¹ Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

² May use fuses or HACR-type circuit breakers of the same size as noted.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- When a factory-installed powered convenience outlet is installed in the equipment, the unit MCA (Min. Circuit Ampacity) will increase by 7.5A for 208/230V units, increase by 3.75A for 460V units, and by 3A for 575V units. The MOP (Max. Overcurrent Protection) device must be sized accordingly.

IDB		OUTDOOR AMBIENT TEMPERATURE																																																																																																																																																																																			
		65							75							85							95							105							115																																																																																																																																																
		ENTERING INDOOR WET BULB TEMPERATURE							ENTERING INDOOR WET BULB TEMPERATURE							ENTERING INDOOR WET BULB TEMPERATURE							ENTERING INDOOR WET BULB TEMPERATURE							ENTERING INDOOR WET BULB TEMPERATURE							ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																																																
AIRFLOW	59	63	67	71	75	79	83	87	91	59	63	67	71	75	79	83	87	91	59	63	67	71	75	79	83	87	91	59	63	67	71	75	79	83	87	91	59	63	67	71	75	79	83	87	91																																																																																																																																								
80	1350	MBh	35.5	36.3	38.8	41.4	34.7	35.4	37.9	40.5	33.8	34.6	37.0	39.5	33.0	33.7	36.1	38.5	31.4	32.1	34.2	36.6	29.1	29.7	31.7	33.9	S/T	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.60	1.00	1.00	1.00	0.84	0.63	1.00	1.00	0.84	0.63	ΔT	23	22	19	16	24	23	20	16	22	23	20	16	22	21	22	20	16	21	21	22	20	16	20	20	18	15	kW	2.58	2.63	2.71	2.79	2.77	2.82	2.91	3.00	2.93	2.99	3.08	3.18	3.08	3.14	3.24	3.34	3.20	3.20	3.27	3.37	3.48	3.30	3.37	3.48	3.59	HI PR	243	261	276	288	272	293	310	323	310	333	352	367	353	380	401	418	397	427	427	451	470	439	472	498	520	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169																									
	1200	MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.5	28.2	28.8	30.8	32.9	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	1.00	0.99	0.81	0.60	ΔT	24	23	20	16	25	24	20	16	25	24	21	16	25	24	21	16	21	23	23	20	16	22	22	19	15	kW	2.56	2.61	2.69	2.77	2.75	2.80	2.89	2.98	2.91	2.97	3.06	3.16	3.05	3.12	3.21	3.31	3.17	3.24	3.34	3.45	3.28	3.35	3.45	3.56	Amps	8.7	8.8	9.0	9.3	9.2	9.4	9.6	9.9	9.8	10.0	10.2	10.5	10.3	10.5	10.8	11.1	10.8	11.1	11.4	11.7	11.4	11.6	11.9	12.3	HI PR	240	259	273	285	270	290	306	320	307	330	349	364	349	376	397	414	393	423	447	466	434	467	493	515	LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167			
		1050	MBh	31.8	32.5	34.7	37.1	31.1	31.7	33.9	36.3	30.3	31.0	33.1	35.4	29.6	30.2	32.3	34.5	28.1	28.7	30.7	32.8	26.0	26.6	28.4	30.4	S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.97	0.91	0.74	0.55	1.01	0.95	0.77	0.58	1.02	0.95	0.78	0.58	ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15	kW	2.51	2.56	2.63	2.71	2.69	2.74	2.82	2.91	2.84	2.90	2.99	3.08	2.98	3.04	3.14	3.23	3.10	3.16	3.26	3.37	3.20	3.27	3.37	3.48	Amps	8.5	8.6	8.8	9.1	9.0	9.2	9.4	9.7	9.6	9.8	10.0	10.3	10.1	10.3	10.6	10.9	10.6	10.8	11.1	11.4	11.1	11.3	11.6	12.0	HI PR	233	251	265	276	262	282	297	310	298	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499	LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162				
			85	1350	MBh	36.1	36.8	38.6	41.1	35.3	36.0	37.7	40.2	34.4	35.1	36.8	39.2	33.6	34.2	35.9	38.3	31.9	32.5	34.1	36.4	29.6	30.1	31.6	33.7	S/T	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.78	1.00	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	ΔT	25	24	23	20	24	24	23	20	23	24	23	20	23	23	24	20	20	22	22	23	20	22	22	23	20	kW	2.60	2.65	2.73	2.81	2.79	2.85	2.93	3.02	2.95	3.02	3.11	3.21	3.10	3.16	3.26	3.37	3.22	3.29	3.40	3.50	3.33	3.40	3.51	3.62	Amps	8.8	8.9	9.2	9.4	9.3	9.5	9.7	10.0	9.9	10.1	10.4	10.7	10.5	10.7	11.0	11.3	11.0	11.2	11.5	11.9	11.5	11.8	12.1	12.5	HI PR	245	264	279	291	275	296	313	326	313	337	356	371	356	384	405	422	401	431	456	475	443	477	503	525	LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	142	155	165	138	147	160	171
				1200	MBh	35.1	35.7	37.4	39.9	34.3	34.9	36.6	39.0	33.4	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.6	32.7	S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.96	0.78	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	25	25	21	21	24	24	24	21	22	22	23	20	kW	2.58	2.63	2.71	2.79	2.77	2.82	2.91	3.00	2.93	2.99	3.08	3.18	3.08	3.14	3.24	3.34	3.20	3.27	3.37	3.48	3.30	3.37	3.48	3.59	Amps	8.7	8.9	9.1	9.4	9.2	9.4	9.7	9.9	9.9	10.1	10.3	10.6	10.4	10.6	10.9	11.2	10.9	11.1	11.4	11.8	11.5	11.7	12.0	12.4	HI PR	243	261	276	288	272	293	310	323	310	333	352	367	353	380	401	418	397	427	451	470	439	472	498	520	LO PR	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	
					1050	MBh	32.4	33.0	34.6	36.9	31.6	32.2	33.8	36.0	30.9	31.5	32.9	35.1	30.1	30.7	32.1	34.3	28.6	29.2	30.5	32.6	26.5	27.0	28.3	30.2	S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.75	ΔT	26	26	24	21	27	26	25	21	27	26	25	21	26	26	25	22	25	26	25	21	23	24	23	20	kW	2.53	2.58	2.65	2.73	2.71	2.76	2.84	2.93	2.86	2.92	3.01	3.10	3.00	3.07	3.16	3.26	3.12	3.19	3.29	3.39	3.23	3.29	3.40	3.51	Amps	8.5	8.7	8.9	9.2	9.1	9.2	9.5	9.7	9.7	9.8	10.1	10.4	10.2	10.4	10.6	11.0	10.7	10.9	11.2	11.5	11.2	11.4	11.7	12.1	HI PR	235	253	268	279	264	284	300	313	301	323	341	356	342	368	389	406	385	414	438	456	425	458	483	504	LO PR	106	113	123	131	112	119	130	139	116	124	135	144	122	130	142	151	128	136	149	159	133	141	154	164	

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Shaded area reflects AHRI conditions
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)
 kW = Total system power

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												105												115											
		65				75				85				95				105				115															
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71												
ENTERING INDOOR WET BULB TEMPERATURE																																					
80	1800	MBh	46.7	47.7	50.9	54.4	45.6	46.6	49.7	53.2	44.5	45.5	48.6	51.9	43.4	44.3	47.4	50.6	41.2	42.1	45.0	48.1	38.2	39.0	41.7	44.6											
		S/T	0.94	0.88	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62											
		ΔT	22	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14											
		kW	3.23	3.29	3.38	3.48	3.45	3.52	3.62	3.73	3.65	3.72	3.83	3.95	3.82	3.90	4.02	4.14	3.97	4.05	4.17	4.30	4.10	4.18	4.31	4.44											
		HI PR	238	256	270	282	267	287	303	316	304	327	345	360	346	372	393	410	389	419	442	461	430	462	488	509											
		LO PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	153	162	138	146	160	170	142	151	165	176											
		MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3											
		S/T	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.97	0.79	0.59											
		ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	21	21	18	15											
		kW	3.21	3.27	3.36	3.46	3.43	3.49	3.59	3.70	3.62	3.69	3.80	3.92	3.79	3.87	3.99	4.11	3.94	4.02	4.14	4.27	4.06	4.15	4.28	4.41											
	Amps	10.7	10.9	11.1	11.4	11.3	11.5	11.8	12.1	12.0	12.2	12.5	12.8	12.6	12.8	13.1	13.5	13.2	13.4	13.7	14.1	13.7	14.0	14.4	14.8												
	HI PR	235	253	268	279	264	284	300	313	301	323	341	356	342	368	389	406	385	414	438	456	425	458	483	504												
	LO PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	169	141	150	164	174												
85	1800	MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9											
		S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.69	0.51	0.92	0.86	0.70	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.75	0.56	0.99	0.93	0.76	0.57											
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15											
		kW	3.14	3.20	3.29	3.38	3.35	3.42	3.51	3.62	3.54	3.61	3.72	3.83	3.71	3.78	3.89	4.01	3.85	3.93	4.04	4.17	3.97	4.05	4.17	4.30											
		Amps	10.5	10.7	10.9	11.2	11.1	11.3	11.5	11.8	11.8	12.0	12.2	12.6	12.3	12.5	12.8	13.2	12.9	13.1	13.4	13.8	13.5	13.7	14.0	14.5											
		HI PR	228	246	260	271	256	276	291	304	292	314	331	345	332	357	377	394	374	402	424	443	413	444	469	489											
		LO PR	109	116	127	135	116	123	134	143	120	128	139	149	126	134	147	156	132	141	154	164	137	145	159	169											
		MBh	47.5	48.4	50.7	54.1	46.4	47.3	49.5	52.8	45.3	46.1	48.3	51.6	44.2	45.0	47.1	50.3	42.0	42.8	44.8	47.8	38.9	39.6	41.5	44.3											
		S/T	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.98	0.79	1.00	1.00	0.99	0.80											
		ΔT	24	24	22	19	24	24	23	20	23	24	23	20	23	23	23	20	21	22	22	19	20	20	21	18											
	kW	3.25	3.31	3.41	3.51	3.48	3.54	3.65	3.76	3.67	3.75	3.86	3.98	3.85	3.93	4.05	4.17	4.00	4.08	4.21	4.34	4.13	4.21	4.34	4.48												
	Amps	10.9	11.0	11.3	11.6	11.4	11.6	11.9	12.2	12.1	12.4	12.7	13.0	12.7	13.0	13.3	13.7	13.3	13.6	13.9	14.3	13.9	14.2	14.6	15.0												
	HI PR	240	259	273	285	270	290	306	319	307	330	348	363	349	376	397	414	393	423	446	466	434	467	493	514												
	LO PR	115	122	134	142	122	129	141	150	126	134	147	156	133	141	154	164	139	148	161	172	144	153	167	178												
	MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0												
	S/T	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76												
	ΔT	25	25	23	20	25	25	23	20	25	25	23	20	25	25	24	20	23	24	23	20	22	22	22	19												
	kW	3.23	3.29	3.38	3.48	3.45	3.52	3.62	3.73	3.65	3.72	3.83	3.95	3.82	3.90	4.02	4.14	3.97	4.05	4.17	4.30	4.10	4.18	4.31	4.44												
	Amps	10.8	11.0	11.2	11.5	11.4	11.6	11.8	12.2	12.1	12.3	12.6	12.9	12.7	12.9	13.2	13.6	13.3	13.5	13.8	14.2	13.8	14.1	14.5	14.9												
	HI PR	238	256	270	282	267	287	303	316	304	327	345	360	346	372	393	410	389	419	442	461	430	462	488	509												
	LO PR	114	121	132	141	120	128	140	149	125	133	145	155	131	140	153	162	138	146	160	170	142	151	165	176												
	MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7												
	S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74												
	ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	21	23	23	22	19												
	kW	3.16	3.22	3.31	3.40	3.38	3.44	3.54	3.64	3.57	3.64	3.74	3.86	3.73	3.81	3.92	4.04	3.88	3.96	4.08	4.20	4.00	4.08	4.21	4.34												
	Amps	10.6	10.8	11.0	11.3	11.2	11.3	11.6	11.9	11.8	12.0	12.3	12.6	12.4	12.6	12.9	13.3	13.0	13.2	13.5	13.9	13.5	13.8	14.1	14.6												
	HI PR	231	248	262	273	259	279	294	307	294	317	335	349	335	361	381	397	377	406	429	447	417	449	474	494												
	LO PR	110	118	128	137	117	124	136	144	121	129	141	150	127	136	148	158	134	142	155	165	138	147	160	171												

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Shaded area reflects AHRI conditions
 Amps: Unit: amps (comp.+ evaporator + condenser fan motors)
 kW = Total system power

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												105												115											
		65						75						85						95						105						115					
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79
70	MBh	58.3	60.4	66.2	-	-	56.9	59.0	64.7	-	-	55.6	57.6	63.1	-	-	54.2	56.2	61.6	-	-	51.5	53.4	58.5	-	-	47.7	49.5	54.2	-	-						
	S/T	0.73	0.61	0.42	-	-	0.75	0.63	0.44	-	-	0.77	0.65	0.45	-	-	0.80	0.67	0.46	-	-	0.83	0.69	0.48	-	-	0.84	0.70	0.48	-	-						
	ΔT	18	15	12	-	-	18	16	12	-	-	18	16	12	-	-	18	16	12	-	-	18	16	12	-	-	17	14	11	-	-						
	kW	3.97	4.06	4.18	-	-	4.27	4.36	4.50	-	-	4.54	4.64	4.78	-	-	4.77	4.88	5.03	-	-	4.97	5.08	5.25	-	-	5.14	5.25	5.43	-	-						
	Hi PR	244	262	277	-	-	273	294	311	-	-	311	335	353	-	-	354	381	402	-	-	398	429	453	-	-	440	474	500	-	-						
	LO PR	107	114	124	-	-	113	120	131	-	-	118	125	137	-	-	124	131	144	-	-	130	138	150	-	-	134	143	156	-	-						
	MBh	56.6	58.7	64.3	-	-	55.3	57.3	62.8	-	-	54.0	55.9	61.3	-	-	52.7	54.6	59.8	-	-	50.0	51.8	56.8	-	-	46.3	48.0	52.6	-	-						
	S/T	0.69	0.58	0.40	-	-	0.72	0.60	0.42	-	-	0.74	0.62	0.43	-	-	0.76	0.64	0.44	-	-	0.79	0.66	0.46	-	-	0.80	0.67	0.46	-	-						
	ΔT	19	16	12	-	-	19	16	12	-	-	19	16	12	-	-	19	16	12	-	-	19	16	12	-	-	17	15	11	-	-						
	kW	3.94	4.02	4.15	-	-	4.24	4.33	4.47	-	-	4.50	4.60	4.75	-	-	4.73	4.84	4.99	-	-	4.93	5.04	5.20	-	-	5.10	5.21	5.38	-	-						
Amps	12.4	12.6	12.9	-	-	13.2	13.4	13.8	-	-	14.1	14.4	14.8	-	-	14.9	15.2	15.6	-	-	15.7	16.0	16.5	-	-	16.5	16.8	17.3	-	-							
Hi PR	241	260	274	-	-	271	291	308	-	-	308	331	350	-	-	351	377	398	-	-	394	424	448	-	-	436	469	495	-	-							
LO PR	106	113	123	-	-	112	119	130	-	-	116	124	135	-	-	122	130	142	-	-	128	136	149	-	-	133	141	154	-	-							
MBh	52.2	54.2	59.3	-	-	51.0	52.9	58.0	-	-	49.8	51.6	56.6	-	-	48.6	50.4	55.2	-	-	46.2	47.9	52.4	-	-	42.8	44.3	48.6	-	-							
S/T	0.67	0.56	0.39	-	-	0.69	0.58	0.40	-	-	0.71	0.59	0.41	-	-	0.73	0.61	0.42	-	-	0.76	0.64	0.44	-	-	0.77	0.64	0.44	-	-							
ΔT	19	16	12	-	-	19	16	13	-	-	19	16	13	-	-	19	17	13	-	-	19	16	12	-	-	18	15	12	-	-							
kW	3.85	3.93	4.05	-	-	4.14	4.23	4.36	-	-	4.39	4.49	4.63	-	-	4.62	4.72	4.87	-	-	4.81	4.91	5.07	-	-	4.97	5.08	5.25	-	-							
Amps	12.1	12.3	12.6	-	-	12.9	13.1	13.5	-	-	13.8	14.0	14.4	-	-	14.5	14.8	15.3	-	-	15.3	15.6	16.1	-	-	16.1	16.4	16.9	-	-							
Hi PR	234	252	266	-	-	263	283	298	-	-	299	321	339	-	-	340	366	386	-	-	383	412	435	-	-	423	455	480	-	-							
LO PR	103	109	120	-	-	109	116	126	-	-	113	120	131	-	-	119	126	138	-	-	124	132	144	-	-	129	137	149	-	-							
75	MBh	59.3	61.0	66.1	70.9	-	57.9	59.6	64.5	69.3	-	56.5	58.2	63.0	67.6	-	55.2	56.8	61.5	66.0	-	53.6	55.4	60.3	65.1	69.9	74.7	79.5	84.3	89.1	93.9						
	S/T	0.83	0.74	0.56	0.36	-	0.86	0.77	0.58	0.37	-	0.88	0.79	0.60	0.38	-	0.91	0.81	0.61	0.40	-	0.87	0.77	0.57	0.37	0.17	0.17	0.17	0.17	0.17	0.17						
	ΔT	21	19	16	11	-	21	19	16	11	-	21	19	16	11	-	21	19	16	11	-	21	19	16	11	11	11	11	11	11	11	11					
	kW	4.01	4.09	4.22	4.35	-	4.31	4.40	4.54	4.68	-	4.58	4.67	4.82	4.98	-	4.81	4.92	5.08	5.24	-	4.77	4.88	5.03	5.20	5.36	5.52	5.68	5.84	6.00	6.16	6.32					
	Amps	12.5	12.8	13.1	13.5	-	13.4	13.6	14.0	14.4	-	14.3	14.6	15.0	15.5	-	15.1	15.4	15.9	16.4	-	15.9	16.3	16.7	17.2	17.6	18.0	18.4	18.8	19.2	19.6	20.0					
	Hi PR	246	265	280	292	-	276	297	314	327	-	314	338	357	372	-	358	385	406	424	-	402	433	457	477	497	517	537	557	577	597	617					
	LO PR	108	115	126	134	-	114	122	133	141	-	119	126	138	147	-	125	133	145	154	-	131	139	152	162	172	182	192	202	212	222	232					
	MBh	57.6	59.3	64.2	68.9	-	56.2	57.9	62.7	67.3	-	54.9	56.5	61.2	65.7	-	53.6	55.1	59.7	64.1	-	50.9	52.4	56.7	60.8	64.9	69.0	73.1	77.2	81.3	85.4	89.5					
	S/T	0.79	0.71	0.53	0.34	-	0.82	0.73	0.55	0.36	-	0.84	0.75	0.57	0.37	-	0.87	0.77	0.59	0.38	-	0.90	0.80	0.61	0.39	0.19	0.19	0.19	0.19	0.19	0.19	0.19					
	ΔT	21	20	16	11	-	22	20	16	11	-	22	20	16	11	-	22	20	16	11	-	22	20	16	11	11	11	11	11	11	11	11	11				
kW	3.97	4.06	4.18	4.31	-	4.27	4.36	4.50	4.65	-	4.54	4.64	4.78	4.94	-	4.77	4.88	5.03	5.20	-	4.97	5.08	5.25	5.42	5.58	5.74	5.90	6.06	6.22	6.38	6.54						
Amps	12.4	12.7	13.0	13.4	-	13.3	13.5	13.9	14.3	-	14.2	14.5	14.9	15.4	-	15.0	15.3	15.7	16.3	-	15.8	16.1	16.6	17.2	17.6	18.0	18.4	18.8	19.2	19.6	20.0	20.4					
Hi PR	244	262	277	289	-	273	294	311	324	-	311	335	353	369	-	354	381	402	420	-	398	429	453	472	492	512	532	552	572	592	612	632					
LO PR	107	114	124	133	-	113	120	131	140	-	118	125	137	146	-	124	131	144	153	-	130	138	150	160	170	180	190	200	210	220	230	240					
MBh	53.1	54.7	59.2	63.6	-	51.9	53.4	57.8	62.1	-	50.7	52.2	56.5	60.6	-	49.4	50.9	55.1	59.1	-	47.0	48.3	52.3	56.2	60.1	64.0	67.9	71.8	75.7	79.6	83.5						
S/T	0.76	0.68	0.52	0.33	-	0.79	0.71	0.53	0.34	-	0.81	0.72	0.55	0.35	-	0.83	0.75	0.57	0.36	-	0.85	0.77	0.59	0.38	0.18	0.18	0.18	0.18	0.18	0.18	0.18						
ΔT	22	20	16	11	-	22	20	17	11	-	22	20	17	11	-	22	20	17	11	-	22	20	17	11	11	11	11	11	11	11	11	11					
kW	3.88	3.96	4.08	4.21	-	4.17	4.26	4.39	4.53	-	4.43	4.52	4.67	4.82	-	4.66	4.76	4.91	5.07	-	4.85	4.95	5.11	5.28	5.44	5.60	5.76	5.92	6.08	6.24	6.40	6.56					
Amps	12.2	12.4	12.7	13.1	-	13.0	13.2	13.6	14.0	-	13.9	14.1	14.5	15.0	-	14.7	15.0	15.4	15.9	-	15.4	15.8	16.2	16.7	17.1	17.5	18.0	18.4	18.8	19.2	19.6	20.0					
Hi PR	236	254	269	280	-	265	285	301	314	-	302	325	343	357	-	344	370	390	407	-	386	416	439	458	477	496	515	534	553	572	591	610					
LO PR	104	111	121	129	-	110	117	128	136	-	114	121	133	141	-	120	128	139	148	-	126	134	146	155	164	173	182	191	200	209	218	227					

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Shaded area reflects ACCA (TVA) conditions
 Amps: Unit: amps (comp.+ evaporator + condenser fan motors)
 kW = Total system power

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE															IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																																						
		65					75					85							95					105					115																												
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75			59	63	67	71	75	59	63	67	71	75	59	63	67	71	75																								
ENTERING INDOOR WET BULB TEMPERATURE																																																									
80	MBh	60.3	61.7	65.9	70.4	58.9	60.2	64.3	68.8	71	59	58.8	62.8	67.2	56.1	57.4	61.3	65.5	53.3	54.5	58.2	62.2	49.4	50.5	53.9	57.7	60.3	61.7	65.9	70.4	58.9	60.2	64.3	68.8	71	59	58.8	62.8	67.2	56.1	57.4	61.3	65.5	53.3	54.5	58.2	62.2	49.4	50.5	53.9	57.7						
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.55	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.80	0.59	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.55	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.80	0.59						
	ΔT	23	22	19	15	23	22	19	15	16	24	22	19	16	24	22	20	16	22	22	22	19	15	21	21	18	14	23	22	19	15	23	22	19	15	16	24	22	19	16	24	22	20	16	22	22	20	16	22	22	19	15	21	21	18	14	
	kW	4.04	4.12	4.25	4.38	4.34	4.43	4.58	4.72	4.85	4.61	4.71	4.86	5.02	4.85	4.96	5.12	5.29	5.05	5.16	5.33	5.51	5.23	5.34	5.52	5.71	4.04	4.12	4.25	4.38	4.34	4.43	4.58	4.72	4.85	4.61	4.71	4.86	5.02	4.85	4.96	5.12	5.29	5.05	5.16	5.33	5.51	5.23	5.34	5.52	5.71						
	HIPR	249	267	282	295	279	300	317	331	317	341	360	376	361	389	411	428	406	406	437	462	482	449	483	510	532	249	267	282	295	279	300	317	331	317	341	360	376	361	389	411	428	406	437	462	482	449	483	510	532							
	LO PR	109	116	127	135	116	123	134	143	127	134	143	148	126	134	146	156	132	132	141	153	163	137	145	159	169	109	116	127	135	116	123	134	143	127	134	143	148	126	134	146	156	132	132	141	153	163	137	145	159	169						
	MBh	58.6	59.9	64.0	68.4	57.2	58.5	62.5	66.8	66.8	55.9	57.1	61.0	65.2	54.5	55.7	59.5	63.6	51.8	52.9	56.5	60.4	48.0	49.0	52.4	56.0	58.6	59.9	64.0	68.4	57.2	58.5	62.5	66.8	66.8	55.9	57.1	61.0	65.2	54.5	55.7	59.5	63.6	51.8	52.9	56.5	60.4	48.0	49.0	52.4	56.0						
	S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.52	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.99	0.92	0.75	0.56	0.99	0.93	0.76	0.57	0.87	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.52	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.99	0.92	0.75	0.56	0.99	0.93	0.76	0.57						
	ΔT	24	23	20	16	24	23	20	16	24	24	23	20	16	24	23	20	16	24	24	23	20	16	22	22	19	15	24	23	20	16	24	23	20	16	24	24	23	20	16	24	23	20	16	24	24	23	20	16	22	22	19	15	21	21	18	14
	kW	4.01	4.09	4.22	4.35	4.31	4.40	4.54	4.69	4.81	4.58	4.67	4.82	4.98	4.81	4.92	5.08	5.24	5.01	5.12	5.29	5.47	5.19	5.30	5.47	5.66	4.01	4.09	4.22	4.35	4.31	4.40	4.54	4.69	4.81	4.58	4.67	4.82	4.98	4.81	4.92	5.08	5.24	5.01	5.12	5.29	5.47	5.19	5.30	5.47	5.66						
Amps	12.5	12.8	13.1	13.5	13.4	13.6	14.0	14.4	14.3	14.3	14.6	15.0	15.5	15.1	15.4	15.9	16.4	15.9	16.3	16.7	17.3	16.8	17.1	17.6	18.2	12.5	12.8	13.1	13.5	13.4	13.6	14.0	14.4	14.3	14.3	14.6	15.0	15.5	15.1	15.4	15.9	16.4	15.9	16.3	16.7	17.3	16.8	17.1	17.6	18.2							
HIPR	246	265	280	292	276	297	314	327	314	338	357	372	358	385	407	424	402	402	433	457	477	445	478	505	527	246	265	280	292	276	297	314	327	314	338	357	372	358	385	407	424	402	433	457	477	445	478	505	527								
LO PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	131	139	152	162	135	144	157	167	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167								
MBh	54.1	55.3	59.0	63.1	52.8	54.0	57.7	61.6	61.6	51.6	52.7	56.3	60.2	50.3	51.4	54.9	58.7	47.8	48.8	52.2	55.8	44.3	45.2	48.3	51.7	54.1	55.3	59.0	63.1	52.8	54.0	57.7	61.6	61.6	51.6	52.7	56.3	60.2	50.3	51.4	54.9	58.7	47.8	48.8	52.2	55.8	44.3	45.2	48.3	51.7							
S/T	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.51	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55	0.83	0.78	0.64	0.48	0.86	0.81	0.66	0.49	0.51	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.96	0.90	0.73	0.55							
ΔT	24	23	20	16	25	24	20	16	25	24	20	16	25	24	20	16	25	24	24	23	20	16	23	22	19	15	24	23	20	16	25	24	20	16	25	24	20	16	25	24	20	16	25	24	23	20	16	23	22	19	15	21	21	18	14		
kW	3.91	3.99	4.12	4.24	4.21	4.29	4.43	4.57	4.46	4.46	4.56	4.71	4.86	4.69	4.80	4.95	5.11	4.89	5.00	5.16	5.33	5.06	5.17	5.34	5.52	3.91	3.99	4.12	4.24	4.21	4.29	4.43	4.57	4.46	4.46	4.56	4.71	4.86	4.69	4.80	4.95	5.11	4.89	5.00	5.16	5.33	5.06	5.17	5.34	5.52							
Amps	12.3	12.5	12.8	13.2	13.1	13.3	13.7	14.1	14.0	14.0	14.3	14.7	15.1	14.8	15.1	15.5	16.0	15.6	15.9	16.3	16.9	16.4	16.7	17.2	17.7	12.3	12.5	12.8	13.2	13.1	13.3	13.7	14.1	14.0	14.0	14.3	14.7	15.1	14.8	15.1	15.5	16.0	15.6	15.9	16.3	16.9	16.4	16.7	17.2	17.7							
HIPR	239	257	271	283	268	288	304	317	305	328	346	361	347	373	394	411	390	420	444	463	463	431	464	490	511	239	257	271	283	268	288	304	317	305	328	346	361	347	373	394	411	390	420	444	463	463	431	464	490	511							
LO PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	127	135	148	158	131	140	152	162	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	127	135	148	158	131	140	152	162							
85	MBh	61.4	62.6	65.6	69.9	60.0	61.1	64.0	68.3	68.3	58.5	59.7	62.5	66.7	57.1	58.2	61.0	65.1	54.3	55.3	57.9	61.8	50.3	51.2	53.7	57.2	61.4	62.6	65.6	69.9	60.0	61.1	64.0	68.3	68.3	58.5	59.7	62.5	66.7	57.1	58.2	61.0	65.1	54.3	55.3	57.9	61.8	50.3	51.2	53.7	57.2						
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	0.71	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	0.71	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.95	0.77						
	ΔT	25	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	25	24	23	23	20	21	22	21	19	19	25	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	25	24	23	23	20	21	22	21	19	19				
	kW	4.07	4.15	4.28	4.42	4.38	4.47	4.61	4.76	4.65	4.75	4.90	5.06	5.22	4.89	5.00	5.16	5.33	5.10	5.21	5.38	5.56	5.27	5.39	5.57	5.75	4.07	4.15	4.28	4.42	4.38	4.47	4.61	4.76	4.65	4.75	4.90	5.06	5.22	4.89	5.00	5.16	5.33	5.10	5.21	5.38	5.56	5.27	5.39	5.57	5.75						
	Amps	12.7	13.0	13.3	13.7	13.6	13.8	14.2	14.6	14.5	14.8	15.2	15.7	16.1	15.4	15.7	16.1	16.6	16.2	16.5	17.0	17.6	17.0	17.4	17.9	18.5	12.7	13.0	13.3	13.7	13.6	13.8	14.2	14.6	14.5	14.8	15.2	15.7	16.1	15.4	15.7	16.1	16.6	16.2	16.5	17.0	17.6	17.0	17.4	17.9	18.5						
	HIPR	251	270	285	298	282	303	320	334	320	345	364	380	365	393	415	433	411	442	467	487	487	454	488	515	538	251	270	285	298	282	303	320	334	320	345	364	380	365	393	415	433	411	442	467	487	487	454	488	515	538						
	LO PR	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	133	142	155	165	138	147	160	171	110	117	128	137	117	124	135	144	121	129	141	150	127	135	148	158	133	133	142	155	16										

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE															75	85															95															105															115																																																														
		65					75					85						95					105					115																																																																																																	
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75																																																																																								
ENTERING INDOOR WET BULB TEMPERATURE																																																																																																																													
70	MBh	68.6	71.1	77.9	-	67.0	69.4	76.0	-	65.4	67.8	74.2	-	63.8	66.1	72.4	-	60.6	62.8	68.8	-	56.1	58.2	63.7	-	68.6	71.1	77.9	-	67.0	69.4	76.0	-	65.4	67.8	74.2	-	63.8	66.1	72.4	-	60.6	62.8	68.8	-	56.1	58.2	63.7	-	68.6	71.1	77.9	-	67.0	69.4	76.0	-	65.4	67.8	74.2	-	63.8	66.1	72.4	-	60.6	62.8	68.8	-	56.1	58.2	63.7	-	68.6	71.1	77.9	-	67.0	69.4	76.0	-	65.4	67.8	74.2	-	63.8	66.1	72.4	-	60.6	62.8	68.8	-	56.1	58.2	63.7	-	68.6	71.1	77.9	-	67.0	69.4	76.0	-	65.4	67.8	74.2	-	63.8	66.1	72.4	-	60.6	62.8	68.8	-	56.1	58.2	63.7	-				
	S/T	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.71	0.59	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-				
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
	kW	5.05	5.15	5.30	-	5.41	5.52	5.69	-	5.73	5.85	6.03	-	6.01	6.14	6.33	-	6.25	6.39	6.59	-	6.46	6.60	6.81	-	5.05	5.15	5.30	-	5.41	5.52	5.69	-	5.73	5.85	6.03	-	6.01	6.14	6.33	-	6.25	6.39	6.59	-	6.46	6.60	6.81	-	5.05	5.15	5.30	-	5.41	5.52	5.69	-	5.73	5.85	6.03	-	6.01	6.14	6.33	-	6.25	6.39	6.59	-	6.46	6.60	6.81	-	5.05	5.15	5.30	-	5.41	5.52	5.69	-	5.73	5.85	6.03	-	6.01	6.14	6.33	-	6.25	6.39	6.59	-	6.46	6.60	6.81	-	5.05	5.15	5.30	-	5.41	5.52	5.69	-	5.73	5.85	6.03	-	6.01	6.14	6.33	-	6.25	6.39	6.59	-	6.46	6.60	6.81	-				
	Amps	16.9	17.2	17.6	-	17.9	18.2	18.7	-	19.1	19.4	19.9	-	20.0	20.4	20.9	-	21.0	21.4	22.0	-	22.0	22.4	23.0	-	16.9	17.2	17.6	-	17.9	18.2	18.7	-	19.1	19.4	19.9	-	20.0	20.4	20.9	-	21.0	21.4	22.0	-	22.0	22.4	23.0	-	16.9	17.2	17.6	-	17.9	18.2	18.7	-	19.1	19.4	19.9	-	20.0	20.4	20.9	-	21.0	21.4	22.0	-	22.0	22.4	23.0	-	16.9	17.2	17.6	-	17.9	18.2	18.7	-	19.1	19.4	19.9	-	20.0	20.4	20.9	-	21.0	21.4	22.0	-	22.0	22.4	23.0	-	16.9	17.2	17.6	-	17.9	18.2	18.7	-	19.1	19.4	19.9	-	20.0	20.4	20.9	-	21.0	21.4	22.0	-	22.0	22.4	23.0	-				
	HI PR	239	258	272	-	269	289	305	-	306	329	347	-	348	374	395	-	391	421	445	-	433	465	492	-	239	258	272	-	269	289	305	-	306	329	347	-	348	374	395	-	391	421	445	-	433	465	492	-	239	258	272	-	269	289	305	-	306	329	347	-	348	374	395	-	391	421	445	-	433	465	492	-	239	258	272	-	269	289	305	-	306	329	347	-	348	374	395	-	391	421	445	-	433	465	492	-	239	258	272	-	269	289	305	-	306	329	347	-	348	374	395	-	391	421	445	-	433	465	492	-				
	LO PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-				
	MBh	67.5	70.0	76.7	-	66.0	68.4	74.9	-	64.4	66.8	73.1	-	62.8	65.1	71.4	-	59.7	61.9	67.8	-	55.3	57.3	62.8	-	67.5	70.0	76.7	-	66.0	68.4	74.9	-	64.4	66.8	73.1	-	62.8	65.1	71.4	-	59.7	61.9	67.8	-	55.3	57.3	62.8	-	67.5	70.0	76.7	-	66.0	68.4	74.9	-	64.4	66.8	73.1	-	62.8	65.1	71.4	-	59.7	61.9	67.8	-	55.3	57.3	62.8	-	67.5	70.0	76.7	-	66.0	68.4	74.9	-	64.4	66.8	73.1	-	62.8	65.1	71.4	-	59.7	61.9	67.8	-	55.3	57.3	62.8	-	67.5	70.0	76.7	-	66.0	68.4	74.9	-	64.4	66.8	73.1	-	62.8	65.1	71.4	-	59.7	61.9	67.8	-	55.3	57.3	62.8	-				
	S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-				
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	16	12	-				
kW	5.02	5.12	5.27	-	5.38	5.49	5.66	-	5.70	5.82	6.00	-	5.98	6.11	6.29	-	6.22	6.35	6.55	-	6.42	6.56	6.77	-	5.02	5.12	5.27	-	5.38	5.49	5.66	-	5.70	5.82	6.00	-	5.98	6.11	6.29	-	6.22	6.35	6.55	-	6.42	6.56	6.77	-	5.02	5.12	5.27	-	5.38	5.49	5.66	-	5.70	5.82	6.00	-	5.98	6.11	6.29	-	6.22	6.35	6.55	-	6.42	6.56	6.77	-	5.02	5.12	5.27	-	5.38	5.49	5.66	-	5.70	5.82	6.00	-	5.98	6.11	6.29	-	6.22	6.35	6.55	-	6.42	6.56	6.77	-	5.02	5.12	5.27	-	5.38	5.49	5.66	-	5.70	5.82	6.00	-	5.98	6.11	6.29	-	6.22	6.35	6.55	-	6.42	6.56	6.77	-					
Amps	16.9	17.2	17.6	-	17.8	18.2	18.6	-	19.0	19.3	19.8	-	20.0	20.3	20.8	-	20.9	21.3	21.9	-	21.9	22.3	22.9	-	16.9	17.2	17.6	-	17.8	18.2	18.6	-	19.0	19.3	19.8	-	20.0	20.3	20.8	-	20.9	21.3	21.9	-	21.9	22.3	22.9	-	16.9	17.2	17.6	-	17.8	18.2	18.6	-	19.0	19.3	19.8	-	20.0	20.3	20.8	-	20.9	21.3	21.9	-	21.9	22.3	22.9	-	16.9	17.2	17.6	-	17.8	18.2	18.6	-	19.0	19.3	19.8	-	20.0	20.3	20.8	-	20.9	21.3	21.9	-	21.9	22.3	22.9	-	16.9	17.2	17.6	-	17.8	18.2	18.6	-	19.0	19.3	19.8	-	20.0	20.3	20.8	-	20.9	21.3	21.9	-	21.9	22.3	22.9	-					
HI PR	238	256	270	-	267	287	303	-	303	327	345	-	346	372	393	-	389	418	442	-	430	462	488	-	238	256	270	-	267	287	303	-	303	327	345	-	346	372	393	-	389	418	442	-	430	462	488	-	238	256	270	-	267	287	303	-	303	327	345	-	346	372	393	-	389	418	442	-	430	462	488	-	238	256	270	-																																																	

IDB		OUTDOOR AMBIENT TEMPERATURE																																				
		65						75						85						95						105						115						
		AIRFLOW			59			63			67			71			59			63			67			71			59			63			67			71
2400		2150		1875		2400		2150		1875		2400		2150		1875		2400		2150		1875		2400		2150		1875		2400		2150		1875				
MBh	71.0	72.5	77.5	82.8	69.3	70.8	75.7	80.9	67.7	69.1	73.9	79.0	66.0	67.5	72.1	77.0	62.7	64.1	68.5	73.2	58.1	59.4	63.4	67.8	62.7	64.1	68.5	73.2	58.1	59.4	63.4	67.8						
S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.94	0.89	0.72	0.54	0.97	0.91	0.74	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58						
ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	21	16	24	23	20	16	24	22	19	15	24	23	20	16	24	22	19	15						
kW	5.13	5.23	5.38	5.54	5.49	5.61	5.78	5.96	5.82	5.94	6.12	6.32	6.11	6.24	6.43	6.64	6.35	6.49	6.69	6.91	6.57	6.71	6.92	7.14	6.35	6.49	6.69	6.91	6.57	6.71	6.92	7.14						
Amps	17.2	17.5	17.9	18.4	18.2	18.5	18.9	19.5	19.3	19.7	20.2	20.8	20.3	20.7	21.3	21.9	21.3	21.7	22.3	23.0	22.3	22.8	23.4	24.1	21.3	21.7	22.3	23.0	22.3	22.8	23.4	24.1						
Hi Pr	244	263	278	290	274	295	312	325	312	336	354	370	355	382	404	421	399	430	454	473	441	475	502	523	399	430	454	473	441	475	502	523						
Lo Pr	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169	132	140	153	163	136	145	158	169						
MBh	69.9	71.4	76.3	81.6	68.3	69.8	74.6	79.7	66.7	68.1	72.8	77.8	65.0	66.5	71.0	75.9	61.8	63.1	67.5	72.1	57.2	58.5	62.5	66.8	61.8	63.1	67.5	72.1	57.2	58.5	62.5	66.8						
S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56						
ΔT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	26	25	21	17	24	23	20	16	26	25	21	17	24	23	20	16						
kW	5.10	5.20	5.35	5.52	5.47	5.58	5.75	5.92	5.79	5.91	6.09	6.28	6.08	6.20	6.40	6.60	6.32	6.45	6.66	6.87	6.53	6.67	6.88	7.10	6.32	6.45	6.66	6.87	6.53	6.67	6.88	7.10						
Amps	17.1	17.4	17.8	18.3	18.1	18.4	18.9	19.4	19.2	19.6	20.1	20.7	20.2	20.6	21.1	21.8	21.2	21.6	22.2	22.9	22.2	22.6	23.3	24.0	21.2	21.6	22.2	22.9	22.2	22.6	23.3	24.0						
Hi Pr	243	261	276	288	272	293	309	323	310	333	352	367	353	379	401	418	397	427	451	470	438	472	498	519	397	427	451	470	438	472	498	519						
Lo Pr	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167	131	139	152	162	135	144	157	167						
MBh	64.5	65.9	70.4	75.3	63.0	64.4	68.8	73.6	61.5	62.9	67.2	71.8	60.0	61.3	65.5	70.1	57.0	58.3	62.3	66.6	52.8	54.0	57.7	61.6	57.0	58.3	62.3	66.6	52.8	54.0	57.7	61.6						
S/T	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.48	0.87	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.88	0.71	0.53	0.94	0.88	0.72	0.54	0.93	0.88	0.71	0.53	0.94	0.88	0.72	0.54						
ΔT	26	25	22	17	26	25	22	17	26	25	22	18	26	25	22	18	26	25	22	17	24	23	20	16	26	25	22	17	24	23	20	16						
kW	4.99	5.08	5.23	5.39	5.34	5.45	5.61	5.78	5.66	5.77	5.95	6.13	5.93	6.06	6.24	6.44	6.17	6.30	6.50	6.70	6.37	6.51	6.71	6.93	6.17	6.30	6.50	6.70	6.37	6.51	6.71	6.93						
Amps	16.8	17.0	17.4	17.9	17.7	18.0	18.5	19.0	18.8	19.2	19.7	20.2	19.8	20.2	20.7	21.3	20.8	21.2	21.7	22.4	21.7	22.1	22.7	23.4	20.8	21.2	21.7	22.4	21.7	22.1	22.7	23.4						
Hi Pr	235	253	267	279	264	284	300	313	300	323	341	356	342	368	389	405	385	414	437	456	425	458	483	504	385	414	437	456	425	458	483	504						
Lo Pr	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	147	157	131	140	152	162	127	135	147	157	131	140	152	162						
MBh	72.2	73.6	77.1	82.2	70.5	71.9	75.3	80.3	68.8	70.2	73.5	78.4	67.2	68.5	71.7	76.5	63.8	65.0	68.1	72.7	59.1	60.2	63.1	67.3	63.8	65.0	68.1	72.7	59.1	60.2	63.1	67.3						
S/T	0.93	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.76	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.76						
ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	25	24	21	23	23	22	19	26	25	24	21	23	23	22	19						
kW	5.16	5.27	5.42	5.59	5.54	5.65	5.82	6.00	5.87	5.99	6.17	6.37	6.16	6.29	6.48	6.69	6.40	6.54	6.75	6.96	6.62	6.76	6.97	7.20	6.40	6.54	6.75	6.96	6.62	6.76	6.97	7.20						
Amps	17.3	17.6	18.0	18.5	18.3	18.6	19.1	19.6	19.5	19.8	20.3	20.9	20.5	20.9	21.4	22.0	21.5	21.9	22.5	23.2	22.5	22.9	23.5	24.3	21.5	21.9	22.5	23.2	22.5	22.9	23.5	24.3						
Hi Pr	247	266	280	292	277	298	315	328	315	339	358	373	359	386	408	425	403	434	458	478	446	480	507	528	403	434	458	478	446	480	507	528						
Lo Pr	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170	133	142	155	165	138	146	160	170						
MBh	71.1	72.5	75.9	81.0	69.5	70.8	74.2	79.1	67.8	69.1	72.4	77.3	66.2	67.5	70.6	75.4	62.9	64.1	67.1	71.6	58.2	59.4	62.2	66.3	62.9	64.1	67.1	71.6	58.2	59.4	62.2	66.3						
S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72						
ΔT	27	27	25	22	27	27	26	22	27	27	26	22	28	27	26	22	28	27	25	22	25	25	24	21	27	27	25	22	25	25	24	21						
kW	5.14	5.24	5.39	5.56	5.51	5.62	5.79	5.97	5.83	5.96	6.14	6.33	6.12	6.25	6.45	6.65	6.37	6.50	6.71	6.93	6.58	6.72	6.94	7.16	6.37	6.50	6.71	6.93	6.58	6.72	6.94	7.16						
Amps	17.2	17.5	17.9	18.4	18.2	18.5	19.0	19.5	19.4	19.7	20.2	20.8	20.4	20.8	21.3	21.9	21.4	21.8	22.4	23.0	22.4	22.8	23.4	24.1	21.4	21.8	22.4	23.0	22.4	22.8	23.4	24.1						
Hi Pr	245	264	278	290	275	296	312	326	313	337	355	371	356	383	405	422	401	431	455	475	443	476	503	525	401	431	455	475	443	476	503	525						
Lo Pr	109	116	127	135	116	123	134	143	120	128	139	148	126	134	146	156	132	141	153	163	137	145	159	169	132	141	153	163	137	145	159	169						
MBh	65.7	66.9	70.1	74.8	64.1	65.4	68.5	73.0	62.6	63.8	66.8	71.3	61.1	62.3	65.2	69.6	58.0	59.1	61.9	66.1	53.7	54.8	57.4	61.2	58.0	59.1	61.9	66.1	53.7	54.8	57.4	61.2						
S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.78	0.63	0.91	0.88	0.80	0.65	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	0.99	0.95	0.86	0.70	0.98	0.94	0.85	0.69	0.99	0.95	0.86	0.70						
ΔT	28	27	26	22																																		

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE												
		65				75				85				95				105				115				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
70	2525	MBh	67.6	70.1	76.8	-	66.0	68.5	75.0	-	64.5	66.8	73.2	-	62.9	65.2	71.4	-	59.8	61.9	67.9	-	55.3	57.4	62.9	-
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
		Delta T	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	14	11	-
	2250	KW	4.89	4.98	5.13	-	5.23	5.34	5.50	-	5.54	5.65	5.82	-	5.81	5.93	6.11	-	6.04	6.16	6.36	-	6.24	6.37	6.57	-
		HI PR	231	248	262	-	259	279	294	-	294	317	335	-	335	361	381	-	377	406	429	-	417	449	474	-
		LO PR	110	117	128	-	116	124	135	-	121	129	140	-	127	135	147	-	133	142	155	-	138	146	160	-
	1991	MBh	65.6	68.0	74.5	-	64.1	66.5	72.8	-	62.6	64.9	71.1	-	61.1	63.3	69.3	-	58.0	60.1	65.9	-	53.7	55.7	61.0	-
		S/T	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-
		Delta T	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
	1991	KW	4.85	4.95	5.09	-	5.19	5.30	5.46	-	5.50	5.61	5.78	-	5.76	5.88	6.06	-	5.99	6.12	6.31	-	6.19	6.32	6.51	-
		HI PR	228	246	260	-	256	276	291	-	292	314	331	-	332	357	377	-	374	402	424	-	413	444	469	-
		LO PR	109	116	127	-	115	123	134	-	120	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-
1991	MBh	62.4	64.6	70.8	-	60.9	63.1	69.2	-	59.5	61.6	67.5	-	58.0	60.1	65.9	-	55.1	57.1	62.6	-	51.1	52.9	58.0	-	
	S/T	0.66	0.55	0.38	-	0.68	0.57	0.40	-	0.70	0.59	0.41	-	0.72	0.61	0.42	-	0.75	0.63	0.44	-	0.76	0.63	0.44	-	
	Delta T	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	
1991	KW	4.78	4.87	5.01	-	5.12	5.22	5.37	-	5.41	5.52	5.69	-	5.67	5.79	5.97	-	5.90	6.02	6.21	-	6.09	6.22	6.41	-	
	HI PR	224	241	254	-	251	270	285	-	286	307	325	-	325	350	370	-	366	394	416	-	404	435	460	-	
	LO PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-	
75	2525	MBh	68.8	70.8	76.6	82.2	67.2	69.1	74.8	80.3	65.6	67.5	73.1	78.4	64.0	65.9	71.3	76.5	60.8	62.6	67.7	72.7	56.3	58.0	62.7	67.3
		S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41
		Delta T	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
	2250	KW	4.92	5.02	5.17	5.32	5.27	5.38	5.54	5.71	5.58	5.70	5.87	6.05	5.85	5.98	6.16	6.35	6.09	6.21	6.41	6.61	6.29	6.42	6.62	6.83
		HI PR	233	251	265	276	262	281	297	310	297	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499
		LO PR	111	118	129	138	118	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	161	172
	2250	MBh	66.8	68.7	74.4	79.8	65.2	67.1	72.7	78.0	63.7	65.5	70.9	76.1	62.1	63.9	69.2	74.3	59.0	60.7	65.7	70.6	54.6	56.3	60.9	65.4
		S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	0.39
		Delta T	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10
	1991	KW	4.89	4.98	5.13	5.28	5.23	5.34	5.50	5.66	5.54	5.65	5.82	6.00	5.81	5.93	6.11	6.30	6.04	6.16	6.36	6.56	6.24	6.37	6.57	6.78
		HI PR	231	248	262	274	259	279	294	307	294	317	335	349	335	361	381	398	377	406	429	447	417	449	474	494
		LO PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	148	157	133	142	155	165	138	146	160	170
1991	MBh	63.4	65.3	70.7	75.9	61.9	63.8	69.0	74.1	60.5	62.3	67.4	72.3	59.0	60.7	65.7	70.6	56.0	57.7	62.5	67.0	51.9	53.5	57.9	62.1	
	S/T	0.75	0.67	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.86	0.76	0.58	0.37	0.86	0.77	0.58	0.38	
	Delta T	22	20	17	11	22	20	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11	
1991	KW	4.82	4.91	5.05	5.20	5.16	5.26	5.41	5.58	5.46	5.57	5.73	5.91	5.72	5.84	6.02	6.20	5.94	6.07	6.26	6.45	6.14	6.27	6.46	6.67	
	HI PR	226	243	257	268	254	273	288	301	289	311	328	342	329	354	374	390	370	398	420	438	409	440	464	484	
	LO PR	108	115	125	133	114	121	132	141	118	126	138	147	124	132	145	154	130	139	151	161	135	144	157	167	

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Shaded area reflects ACCA (TVA) conditions
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)
 KW = Total system power

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		75				85				95				105				115							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
80	MBh	70.0	71.5	76.4	81.7	68.4	69.8	74.6	79.8	66.7	68.2	72.8	77.9	65.1	66.5	71.1	76.0	61.8	63.2	67.5	72.2	57.3	58.5	62.5	66.9
	S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
	Delta T	23	22	19	15	23	22	19	15	23	22	19	16	24	22	20	16	23	22	19	15	21	21	18	14
	KW	4.96	5.06	5.21	5.36	5.31	5.42	5.58	5.75	5.63	5.74	5.91	6.10	5.90	6.02	6.21	6.40	6.13	6.26	6.46	6.66	6.34	6.47	6.67	6.89
	HI PR	235	253	268	279	264	284	300	313	300	323	341	356	342	368	389	406	385	414	437	456	425	458	483	504
	LO PR	112	120	130	139	119	126	138	147	123	131	143	153	130	138	150	160	136	144	158	168	140	149	163	174
	MBh	67.9	69.4	74.2	79.3	66.4	67.8	72.5	77.4	64.8	66.2	70.7	75.6	63.2	64.6	69.0	73.8	60.0	61.4	65.6	70.1	55.6	56.8	60.7	64.9
S/T	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56	
Delta T	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15	
KW	4.92	5.02	5.17	5.32	5.27	5.38	5.54	5.71	5.58	5.70	5.87	6.05	5.85	5.98	6.16	6.35	6.09	6.21	6.41	6.61	6.29	6.42	6.62	6.83	
HI PR	233	251	265	276	262	281	297	310	297	320	338	353	339	365	385	402	381	410	433	452	421	453	479	499	
LO PR	111	118	129	138	118	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	162	172	
MBh	64.5	66.0	70.5	75.3	63.0	64.4	68.8	73.6	61.5	62.9	67.2	71.8	60.0	61.4	65.6	70.1	57.0	58.3	62.3	66.6	52.8	54.0	57.7	61.7	
S/T	0.82	0.77	0.63	0.47	0.85	0.80	0.65	0.49	0.88	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.95	0.89	0.72	0.54	
Delta T	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15	
KW	4.85	4.95	5.09	5.24	5.19	5.30	5.46	5.62	5.50	5.61	5.78	5.96	5.76	5.88	6.06	6.25	5.99	6.12	6.31	6.50	6.19	6.32	6.51	6.72	
HI PR	228	246	260	271	256	276	291	304	292	314	331	346	332	357	377	394	374	402	424	443	413	444	469	489	
LO PR	109	116	127	135	115	123	134	142	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169	

85	MBh	71.2	72.6	76.0	81.1	69.5	70.9	74.3	79.2	67.9	69.2	72.5	77.3	66.2	67.5	70.7	75.4	62.9	64.1	67.2	71.7	58.3	59.4	62.2	66.4
	S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77
	Delta T	25	24	23	20	25	24	23	20	25	24	23	20	24	25	23	20	23	23	23	20	21	22	21	19
	KW	5.00	5.09	5.24	5.40	5.35	5.46	5.62	5.80	5.67	5.78	5.96	6.15	5.95	6.07	6.26	6.46	6.18	6.31	6.51	6.72	6.39	6.52	6.73	6.94
	HI PR	238	256	270	282	267	287	303	316	303	327	345	360	346	372	393	410	389	418	442	461	430	462	488	509
	LO PR	113	121	132	140	120	128	139	148	125	133	145	154	131	139	152	162	137	146	159	170	142	151	165	175
	MBh	69.1	70.5	73.8	78.7	67.5	68.8	72.1	76.9	65.9	67.2	70.4	75.1	64.3	65.6	68.7	73.2	61.1	62.3	65.2	69.6	56.6	57.7	60.4	64.5
S/T	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73	
Delta T	25	25	24	20	26	25	24	21	26	25	24	21	26	26	24	21	25	25	24	21	23	24	22	19	
KW	4.96	5.06	5.21	5.36	5.31	5.42	5.58	5.75	5.63	5.74	5.91	6.10	5.90	6.02	6.21	6.40	6.13	6.26	6.46	6.66	6.34	6.47	6.67	6.89	
HI PR	235	253	268	279	264	284	300	313	300	323	341	356	342	368	389	406	385	414	437	456	425	458	483	504	
LO PR	112	120	130	139	119	126	138	147	123	131	143	153	130	138	150	160	136	144	158	168	140	149	163	174	
MBh	65.7	66.9	70.1	74.8	64.1	65.4	68.5	73.1	62.6	63.8	66.9	71.3	61.1	62.3	65.2	69.6	58.0	59.2	62.0	66.1	53.8	54.8	57.4	61.2	
S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.95	0.86	0.69	0.99	0.96	0.86	0.70	
Delta T	26	26	24	21	27	26	25	21	27	26	25	21	27	26	25	22	26	26	24	21	25	24	23	20	
KW	4.89	4.98	5.13	5.28	5.23	5.34	5.50	5.66	5.54	5.65	5.82	6.00	5.81	5.93	6.11	6.30	6.04	6.16	6.36	6.56	6.24	6.37	6.57	6.78	
HI PR	231	248	262	273	259	279	294	307	294	317	335	349	335	361	381	397	377	406	429	447	417	449	474	494	
LO PR	110	117	128	136	116	124	135	144	121	129	140	150	127	135	147	157	133	142	155	165	138	146	160	170	

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Shaded area reflects AHRI conditions
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)
 kW = Total system power

STANDARD BELT DRIVE — HORIZONTAL

ESP (" W.C.)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2									1658	0.35	1489	0.28
0.4							1560	0.36	1339	0.28	1129	0.21
0.6			1682	0.47	1436	0.36	1196	0.27	949	0.19		
0.8	1581	0.50	1354	0.38	1096	0.28	828	0.18				
1.0	1266	0.39	994	0.28	756	0.19						
1.2	923	0.28										

HIGH-STATIC BELT DRIVE — HORIZONTAL

ESP (" W.C.)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									1742	0.50	1431	0.36
0.8							1626	0.52	1357	0.39	1078	0.27
1.0					1611	0.56	1315	0.42	1011	0.28		
1.2			1605	0.62	1299	0.46	976	0.31				
1.4	1605	0.68	1281	0.51	959	0.35						
1.6	1281	0.57	981	0.41								
1.8	981	0.47										

STANDARD BELT DRIVE — DOWN SHOT

ESP (" W.C.)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2									1424	0.30	1239	0.23
0.4					1520	0.39	1292	0.29	1073	0.22	779	0.14
0.6			1439	0.40	1192	0.30	944	0.21	619	0.12		
0.8	1350	0.42	1101	0.31	864	0.22						
1.0	1028	0.31	729	0.21								
1.2	675	0.20										

HIGH-STATIC BELT DRIVE — DOWN SHOT

ESP (" W.C.)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6							1692	0.54	1449	0.41	1173	0.29
0.8					1678	0.58	1397	0.44	1107	0.31	854	0.21
1.0			1681	0.65	1381	0.49	1078	0.34	794	0.22		
1.2	1681	0.71	1362	0.54	1062	0.39						
1.4	1362	0.60	1066	0.44								
1.6	1066	0.50	789	0.34								
1.8	789	0.40										

STANDARD DIRECT DRIVE — HORIZONTAL

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
1296	0.1	1.67	356	764	Low
1245	0.2	1.60	334	830	
1174	0.3	1.56	325	861	
1103	0.4	1.52	316	891	
1013	0.5	1.46	300	935	
1502	0.1	2.10	456	836	Med
1449	0.2	2.06	444	864	
1396	0.3	2.02	432	891	
1335	0.4	1.97	418	916	
1273	0.5	1.91	404	940	
1153	0.6	1.83	380	973	
996	0.7	1.71	346	1017	High
1516	0.2	2.36	506	940	
1454	0.3	2.31	496	960	
1392	0.4	2.26	486	979	
1273	0.5	2.17	458	1006	
1183	0.6	2.09	441	1023	
1092	0.7	2.02	424	1039	
920	0.8	1.90	390	1067	

STANDARD DIRECT DRIVE — DOWN SHOT

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
1287	0.1	1.66	350	770	Low
1233	0.2	1.63	342	815	
1176	0.3	1.59	332	858	
1107	0.4	1.55	320	891	
1044	0.5	1.51	312	924	
965	0.6	1.45	296	957	
1476	0.1	2.08	446	866	Med
1421	0.2	2.03	432	885	
1334	0.3	1.96	414	918	
1255	0.4	1.90	396	945	
1180	0.5	1.84	386	971	
1085	0.6	1.78	368	990	
964	0.7	1.70	344	1023	High
1455	0.3	2.31	490	962	
1367	0.4	2.25	476	984	
1277	0.5	2.16	454	1006	
1180	0.6	2.09	438	1025	
1080	0.7	2.02	418	1039	
922	0.8	1.90	386	1067	

SEE NOTES BELOW

AIRFLOW DATA — 4 TONS

STANDARD DIRECT DRIVE — HORIZONTAL

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
1622	0.1	2.54	539	809	Low
1558	0.2	2.43	517	852	
1494	0.3	2.32	495	895	
1410	0.4	2.21	471	924	
1326	0.5	2.10	447	953	
1861	0.1	3.11	670	886	Med
1733	0.2	2.78	606	918	
1639	0.3	2.64	568	960	
1564	0.4	2.51	542	984	
1434	0.5	2.35	508	1017	
1320	0.6	2.25	482	1039	
1156	0.7	2.08	446	1067	
1984	0.1	3.34	734	949	High
1883	0.2	3.18	694	977	
1770	0.3	3.03	654	1001	
1656	0.4	2.87	620	1027	
1540	0.5	2.76	590	1044	
1415	0.6	2.62	558	1061	

STANDARD DIRECT DRIVE — DOWN SHOT

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
1602	0.1	2.48	528	835	Low
1538	0.2	2.37	506	878	
1474	0.3	2.26	484	921	
1390	0.4	2.15	460	950	
1306	0.5	2.04	436	979	
1805	0.1	2.84	620	935	
1704	0.2	2.71	590	967	
1625	0.3	2.59	558	990	
1549	0.4	2.47	540	1012	
1437	0.5	2.38	516	1030	
1301	0.6	2.23	480	1050	
1158	0.7	2.09	444	1072	High
1971	0.1	3.22	706	968	
1828	0.2	3.03	664	998	
1744	0.3	2.94	632	1017	
1628	0.4	2.80	606	1034	
1510	0.5	2.69	582	1050	
1402	0.6	2.57	552	1067	

NOTES

- Assumes dry coil with filter in place; SCFM correction for wet coil = 4%
- Five-ton models are shipped from the factory with speed tap set on T4.

STANDARD BELT DRIVE — HORIZONTAL

ESP (" W.C.)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2									1943	0.52	1714	0.40
0.4					2187	0.72	1876	0.55	1566	0.40	1270	0.26
0.6			2044	0.72	1761	0.56	1444	0.40	1136	0.26		
0.8	1947	0.74	1704	0.59	1335	0.40						
1.0	1598	0.60	1275	0.36								
1.2	1208	0.45										

HIGH-STATIC BELT DRIVE — HORIZONTAL

ESP (" W.C.)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6									2056	0.72	1721	0.54
0.8							1996	0.77	1662	0.57	1328	0.40
1.0					1924	0.79	1603	0.61	1270	0.43		
1.2			1952	0.88	1559	0.64	1210	0.44				
1.4	1888	0.92	1543	0.70	1195	0.49						
1.6	1557	0.77	1180	0.54								
1.8	1192	0.60										

STANDARD BELT DRIVE — DOWN SHOT

ESP (" W.C.)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2							2129	0.64	1795	0.47	1550	0.35
0.4					1994	0.65	1701	0.49	1433	0.36	1163	0.22
0.6			1905	0.67	1606	0.50	1326	0.36	1025	0.22		
0.8	1808	0.69	1565	0.54	1216	0.36						
1.0	1473	0.55	1137	0.32								
1.2	1103	0.41										

HIGH-STATIC BELT DRIVE — DOWN SHOT

ESP (" W.C.)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6							2194	0.85	1886	0.66	1580	0.49
0.8					2113	0.86	1832	0.70	1526	0.52	1219	0.37
1.0			2182	0.98	1776	0.73	1472	0.55	1166	0.39		
1.2	2053	1.00	1780	0.80	1440	0.59	1111	0.40				
1.4	1759	0.86	1421	0.64	1104	0.46						
1.6	1442	0.72	1095	0.50								
1.8	1095	0.56										

STANDARD DIRECT DRIVE MOTOR — HORIZONTAL

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
1355	0.1	1.57	174	599	T1
1281	0.2	1.66	182	651	
1235	0.3	1.76	196	693	
1168	0.4	1.81	202	726	
1118	0.5	1.94	218	775	
1049	0.6	2.03	232	819	
982	0.7	2.10	240	858	
922	0.8	2.14	246	885	
871	0.9	2.25	260	927	
1544	0.1	2.04	234	660	T2
1490	0.2	2.17	250	704	
1427	0.3	2.25	260	742	
1370	0.4	2.35	276	781	
1319	0.5	2.42	282	809	
1274	0.6	2.52	296	849	
1210	0.7	2.62	316	891	
1137	0.8	2.73	326	935	
1106	0.9	2.77	336	957	
2099	0.1	4.13	516	825	T3
2068	0.2	4.25	536	852	
2029	0.3	4.37	552	885	
1971	0.4	4.48	568	913	
1911	0.5	4.61	586	950	
1876	0.6	4.73	604	973	
1821	0.7	4.86	622	1012	
1792	0.8	4.91	630	1028	
1740	0.9	5.03	648	1067	
2233	0.1	4.76	608	863	T4
2168	0.2	4.91	628	896	
2125	0.3	5.02	640	924	
2070	0.4	5.14	660	951	
2050	0.5	5.27	678	979	
1980	0.6	5.41	696	1012	
1954	0.7	5.47	704	1034	
1893	0.8	5.60	724	1067	
1852	0.9	5.70	736	1089	
2322	0.1	5.44	710	904	T5
2294	0.2	5.55	726	934	
2254	0.3	5.68	742	958	
2201	0.4	5.80	766	990	
2147	0.5	5.93	782	1017	
2117	0.6	6.01	788	1039	
2081	0.7	6.12	808	1060	
2017	0.8	6.22	822	1094	
1932	0.9	6.10	804	1111	

STANDARD DIRECT DRIVE MOTOR — DOWN SHOT

CFM	STATIC	AMPS	WATTS	RPM	SPEED TAP
1334	0.1	1.65	180	627	T1
1286	0.2	1.75	192	665	
1212	0.3	1.83	202	715	
1144	0.4	1.94	216	759	
1077	0.5	1.99	222	792	
1039	0.6	2.10	238	830	
953	0.7	2.17	248	874	
904	0.8	2.27	258	913	
825	0.9	2.30	266	940	
1512	0.1	2.12	240	682	T2
1469	0.2	2.24	254	720	
1397	0.3	2.31	264	759	
1333	0.4	2.44	282	803	
1285	0.5	2.54	296	836	
1221	0.6	2.59	304	874	
1173	0.7	2.72	322	913	
1118	0.8	2.77	328	946	
1049	0.9	2.90	344	984	
2053	0.1	4.27	540	869	T3
2014	0.2	4.39	558	896	
1999	0.3	4.60	576	929	
1947	0.4	4.68	588	957	
1897	0.5	4.79	608	989	
1857	0.6	4.87	620	1012	
1763	0.7	4.99	640	1050	
1741	0.8	5.06	650	1072	
1669	0.9	5.19	668	1105	
2137	0.1	4.95	634	913	T4
2093	0.2	5.07	652	940	
2095	0.3	5.19	670	962	
2026	0.4	5.28	682	990	
1980	0.5	5.40	698	1018	
1961	0.6	5.49	720	1039	
1914	0.7	5.58	732	1072	
1845	0.8	5.70	742	1100	
1766	0.9	5.69	740	1127	
2299	0.1	5.70	742	942	T5
2233	0.2	5.80	748	969	
2217	0.3	5.90	768	990	
2157	0.4	6.07	786	1018	
2131	0.5	6.12	804	1045	
2060	0.6	6.21	816	1073	
2015	0.7	6.30	820	1095	
1940	0.8	6.27	816	1111	
1862	0.9	6.13	790	1128	

NOTES

- Assumes dry coil with filter in place; SCFM correction for wet coil = 4%
- Five-ton models are shipped from the factory with speed tap set on T4.

STANDARD BELT DRIVE — HORIZONTAL

ESP (" W.C.)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2	---	---	---	---	---	---	---	---	2420	0.79	2198	0.64
0.4	---	---	---	---	2605	1.02	2358	0.84	2133	0.67	1874	0.52
0.6	---	---	2526	1.06	2300	0.88	2026	0.70	1806	0.55	---	---
0.8	2529	1.15	2252	0.93	1975	0.73	1670	0.54	---	---	---	---
1.0	2233	0.99	1943	0.78	1628	0.57	---	---	---	---	---	---
1.2	1907	0.83	1582	0.61	---	---	---	---	---	---	---	---

HIGH-STATIC BELT DRIVE — HORIZONTAL

ESP (" W.C.)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6	---	---	---	---	---	---	---	---	---	---	2323	0.92
0.8	---	---	---	---	---	---	---	---	2315	1.00	2009	0.77
1.0	---	---	---	---	---	---	2308	1.09	1992	0.84	1666	0.60
1.2	---	---	---	---	2338	1.21	1992	0.92	1646	0.66	---	---
1.4	---	---	2359	1.32	2025	1.02	1648	0.72	---	---	---	---
1.6	2404	1.45	2056	1.13	1684	0.82	---	---	---	---	---	---
1.8	2088	1.24	1722	0.92	---	---	---	---	---	---	---	---

STANDARD BELT DRIVE — DOWN SHOT

ESP (" W.C.)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2	---	---	---	---	2579	1.01	2368	0.85	2175	0.69	1961	0.55
0.4	---	---	2513	1.05	2318	0.89	2089	0.73	1906	0.59	1666	0.44
0.6	2514	1.14	2276	0.94	2045	0.77	1797	0.60	1604	0.47	---	---
0.8	2261	1.01	2017	0.82	1760	0.63	---	---	---	---	---	---
1.0	1989	0.87	1730	0.68	---	---	---	---	---	---	---	---
1.2	1695	0.72	---	---	---	---	---	---	---	---	---	---

HIGH-STATIC BELT DRIVE — DOWN SHOT

ESP (" W.C.)	TURNS OPEN											
	0		1		2		3		4		5	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6	---	---	---	---	---	---	---	---	2331	1.01	2072	0.80
0.8	---	---	---	---	---	---	2324	1.10	2059	0.87	1791	0.66
1.0	---	---	---	---	2350	1.21	2058	0.95	1774	0.72	---	---
1.2	---	---	2367	1.33	2086	1.06	1776	0.79	---	---	---	---
1.4	2404	1.45	2111	1.17	1805	0.89	---	---	---	---	---	---
1.6	2136	1.28	1835	0.99	---	---	---	---	---	---	---	---
1.8	1868	1.10	---	---	---	---	---	---	---	---	---	---

DCH072 STANDARD BELT DRIVE AND TWO-SPEED STANDARD BELT DRIVE AT HIGH SPEED - HORIZONTAL

ESP ("W.C.)	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2	---	---	---	---	---	---	2784	1.30	2582	0.83	2411	0.79
0.4	---	---	---	---	2814	1.34	2620	1.19	2342	0.72	2105	0.66
0.6	---	---	2665	1.34	2583	1.19	2398	1.06	2103	0.62	1902	0.57
0.8	2689	1.38	2492	1.22	2370	1.07	2142	0.91	1816	0.51	---	---
1.0	2438	1.22	2275	1.09	2098	0.92	1883	0.78	---	---	---	---
1.2	2250	1.10	1996	0.92	---	---	---	---	---	---	---	---

DCH072 STANDARD BELT DRIVE AND TWO-SPEED STANDARD BELT DRIVE AT HIGH SPEED - DOWN SHOT

ESP ("W.C.)	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.2	---	---	---	---	2771	1.27	2567	1.05	2421	0.88	2220	0.71
0.4	---	---	2753	1.38	2573	1.15	2382	0.95	2186	0.77	1980	0.61
0.6	2655	1.42	2548	1.24	2360	1.02	2119	0.81	1934	0.65	---	---
0.8	2470	1.30	2331	1.11	2111	0.89	1868	0.69	---	---	---	---
1.0	2296	1.18	2078	0.96	1840	0.75	---	---	---	---	---	---
1.2	2040	1.02	---	---	---	---	---	---	---	---	---	---

DCH072 HIGH STATIC BELT DRIVE — HORIZONTAL

ESP ("W.C.)	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6	---	---	---	---	---	---	---	---	2746	1.38	2515	1.12
0.8	---	---	---	---	---	---	2721	1.47	2494	1.21	2261	0.97
1.0	---	---	---	---	2689	1.56	2500	1.32	2255	1.06	1994	0.83
1.2	---	---	2752	1.74	2473	1.40	2252	1.15	1996	0.91	---	---
1.4	2802	1.88	2487	1.53	2286	1.27	2037	1.02	---	---	---	---
1.6	2553	1.67	2308	1.40	1997	1.08	---	---	---	---	---	---
1.8	2355	1.51	2014	1.19	---	---	---	---	---	---	---	---
2.0	2055	1.29	---	---	---	---	---	---	---	---	---	---

DCH072 HIGH STATIC BELT DRIVE — DOWN SHOT

ESP ("W.C.)	0 TURNS		1 TURN		2 TURNS		3 TURNS		4 TURNS		5 TURNS	
	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP	CFM	BHP
0.6	---	---	---	---	2793	1.64	2603	1.39	2450	1.18	2270	0.97
0.8	---	---	2903	1.87	2696	1.57	2369	1.23	2236	1.05	1987	0.82
1.0	2776	1.86	2682.5	1.69	2445	1.38	2196	1.12	1968	0.90	---	---
1.2	2599	1.71	2539	1.57	2310	1.29	1932	0.96	---	---	---	---
1.4	2424	1.57	2305	1.40	2032	1.11	---	---	---	---	---	---
1.6	2172	1.38	2017	1.19	---	---	---	---	---	---	---	---
1.8	1953	1.22	---	---	---	---	---	---	---	---	---	---

AIR FLOW PRESSURE DROP OF DOWN FLOW ECONOMIZER

AIRFLOW PRESSURE DROP OF DOWNFLOW ECONOMIZER FOR 3 TO 6 TON ROFTOP UNITS (100% RETURN AIR)											
SCF, in WG	800	1000	1200	1400	1600	1800	2000	2200	2400	2600	2800
	0.02	0.04	0.05	0.07	0.09	0.12	0.14	0.17	0.21	0.24	0.28

EXPANDED HEATING DATA

DCH 036B

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.5	41.2	38.8	36.2	34.6	33.5	31.1	28.7	23.7	21.9	20.1	19.0	18.3	16.4	14.6	12.7	10.8	8.9
T/R	33.6	31.8	29.9	28.0	26.7	25.9	24.0	22.2	18.3	16.9	15.5	14.7	14.1	12.7	11.2	9.8	8.4	6.8
kW	2.93	2.88	2.82	2.77	2.74	2.72	2.66	2.61	2.63	2.58	2.52	2.49	2.47	2.41	2.36	2.30	2.25	2.19
Amps	10.7	10.1	9.6	9.2	8.9	8.8	8.4	8.1	7.8	7.6	7.3	7.2	7.1	6.9	6.6	6.3	6.0	5.6
COP	4.34	4.19	4.02	3.83	3.70	3.61	3.42	3.22	2.63	2.48	2.33	2.23	2.17	1.99	1.81	1.61	1.41	1.18
EER	14.8	14.3	13.7	13.1	12.6	12.3	11.7	11.0	9.0	8.5	8.0	7.6	7.4	6.8	6.2	5.5	4.8	4.0
HI PR	357	342	329	314	307	301	290	278	266	254	244	238	234	225	216	208	200	193
LO PR	135	126	118	108	102	98	90	80	73	65	57	53	51	43	37	31	27	22

DCH048B

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	56.6	53.6	50.4	47.1	45.0	43.6	40.5	37.4	30.9	28.5	26.3	24.8	23.9	21.4	19.0	16.6	14.1	11.6
T/R	32.7	31.0	29.2	27.3	26.0	25.2	23.4	21.6	17.9	16.5	15.2	14.4	13.8	12.4	11.0	9.6	8.2	6.7
kW	4.00	3.93	3.85	3.78	3.74	3.71	3.64	3.56	3.47	3.39	3.32	3.28	3.25	3.18	3.11	3.04	2.97	2.90
Amps	14.9	14.0	13.3	12.7	12.4	12.2	11.7	11.3	11.0	10.6	10.3	10.1	10.0	9.7	9.3	8.9	8.5	8.0
COP	4.14	3.99	3.83	3.65	3.52	3.44	3.26	3.07	2.61	2.46	2.31	2.21	2.15	1.97	1.79	1.60	1.39	1.17
EER	14.1	13.6	13.1	12.5	12.0	11.8	11.1	10.5	8.9	8.4	7.9	7.6	7.3	6.7	6.1	5.5	4.8	4.0
HI PR	403	387	372	355	347	341	327	314	301	287	276	269	265	254	245	235	226	218
LO PR	134	124	116	107	101	97	89	79	72	64	56	52	50	43	37	31	27	21

DCH 060B

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	71.6	67.8	63.8	59.7	57.0	55.2	51.3	47.3	39.9	36.8	33.9	32.0	30.8	27.6	24.5	21.4	18.2	14.9
T/R	34.0	32.2	30.3	28.3	27.1	26.2	24.4	22.5	18.9	17.5	16.1	15.2	14.6	13.1	11.6	10.2	8.7	7.1
kW	4.83	4.74	4.64	4.55	4.50	4.46	4.37	4.27	4.16	4.07	3.97	3.92	3.88	3.79	3.70	3.61	3.51	3.42
Amps	17.9	16.8	15.8	15.0	14.6	14.3	13.7	13.1	12.6	12.2	11.7	11.5	11.4	10.9	10.3	9.9	9.3	8.6
COP	4.34	4.19	4.02	3.84	3.71	3.63	3.44	3.24	2.80	2.65	2.50	2.39	2.32	2.14	1.94	1.73	1.52	1.28
EER	14.8	14.3	13.7	13.1	12.7	12.4	11.8	11.1	9.6	9.1	8.5	8.2	7.9	7.3	6.6	5.9	5.2	4.4
HI PR	404	387	372	356	348	341	328	315	301	288	276	270	265	255	245	235	227	219
LO PR	130	121	113	104	98	94	87	77	70	62	55	51	49	42	36	30	26	21

DCH072

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	88.0	83.3	78.4	73.3	70.0	67.8	63.0	58.1	49.0	45.2	41.6	39.3	37.9	34.0	30.1	26.3	22.4	18.4
T/R	37.9	35.9	33.8	31.6	30.1	29.2	27.1	25.0	21.1	19.5	17.9	16.9	16.3	14.6	13.0	11.3	9.7	7.9
kW	6.10	5.98	5.87	5.76	5.69	5.64	5.53	5.42	5.24	5.13	5.02	4.96	4.91	4.80	4.69	4.58	4.47	4.36
Amps	23.4	22.1	20.9	20.0	19.4	19.1	18.3	17.6	17.1	16.5	16.0	15.7	15.5	15.0	14.3	13.7	13.1	12.2
COP	4.22	4.07	3.91	3.73	3.60	3.52	3.33	3.14	2.73	2.58	2.43	2.32	2.26	2.07	1.88	1.68	1.47	1.23
EER	14.4	13.9	13.4	12.7	12.3	12.0	11.4	10.7	9.3	8.8	8.3	7.9	7.7	7.1	6.4	5.7	5.0	4.2
HI PR	368	352	339	324	316	310	298	286	274	262	251	245	241	232	223	214	206	199
LO PR	131	121	114	104	99	95	87	78	70	63	55	51	49	42	36	30	26	21

DCH072****V***A*

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	86.7	82.1	77.3	72.2	69.0	66.9	62.1	57.3	47.3	43.7	40.2	38.0	36.6	32.8	29.1	25.4	21.7	17.7
T/R	35.7	33.8	31.8	29.7	28.4	27.5	25.6	23.6	19.5	18.0	16.6	15.6	15.1	13.5	12.0	10.4	8.9	7.3
kW	5.74	5.67	5.60	5.53	5.47	5.38	5.29	5.20	5.12	5.03	4.92	4.84	4.75	4.66	4.58	4.49	4.40	4.31
COP	4.42	4.24	4.04	3.82	3.69	3.64	3.44	3.22	2.71	2.54	2.39	2.30	2.25	2.06	1.86	1.65	1.44	1.20
EER	15.1	14.5	13.8	13.1	12.6	12.4	11.7	11.0	9.2	8.7	8.2	7.9	7.7	7.0	6.4	5.7	4.9	4.1
HI PR	366	351	337	323	315	309	297	285	273	261	250	244	240	231	222	213	205	198
LO PR	173	160	150	138	130	125	115	102	92	83	73	67	65	55	47	40	35	27

Above information is for 2150 CFM & 70° indoor dry bulb; instantaneous capacity listed.

kW = Total system power

High pressure measured at liquid line access fitting.

Amps: Unit Amps (comp+evap motor+condenser fan motor)

Low pressure measured at compressor suction access fitting.

MODEL AND HEAT KIT USAGE	MCA ¹ @ 208 / 240V	MOP ² (AMPS) @ 208 / 240V	ACTUAL kW & BTU @ 240V	RECOMMENDED AIRFLOW RANGE
DCH036***3D***	17	25		
EHK3-10	41 / 47	45 / 50	10	1250-1350 CFM
EHK3-15	54 / 62	60 / 70	15	1400-1440 CFM
DCH036***3B***	18	25		
EHK3-10	42 / 48	45 / 50	10	1250-1350 CFM
EHK3-15	55 / 63	60 / 70	15	1400-1440 CFM

MODEL AND HEAT KIT USAGE	MCA ¹ @ 480V	MOP ² (AMPS) @ 480V	ACTUAL kW & BTU @ 480V	RECOMMENDED AIRFLOW RANGE
DCH036***4B***	10	15		
EHK4-10	25	25	10	1250-1350 CFM
EHK4-15	33	35	15	1400-1440 CFM

MODEL AND HEAT KIT USAGE	MCA ¹ @ 575V	MOP ² (AMPS) @ 575V	ACTUAL kW & BTU @ 575V	RECOMMENDED AIRFLOW RANGE
DCH036***7B***	8	15		
EHK7-10	20	25	10	1400-1475 CFM
EHK7-15	26	30	15	1575-1650 CFM

¹ Minimum Circuit Ampacity

² Maximum Overcurrent Protection device

KW CORRECTION FACTORS

kW CORRECTION FACTOR FOR 1- & 3-PHASE UNITS					
SUPPLY VOLTAGE	240	230	220	210	208
CORRECTION FACTOR	1	0.93	0.82	0.78	0.76

kW CORRECTION FACTOR FOR 480V UNITS			
ACTUAL VOLTAGE	460	440	430
CORRECTION FACTOR	0.92	0.84	0.8

For other voltage use $\text{voltage}^2 / 480^2$

kW CORRECTION FACTOR FOR 575V UNITS			
SUPPLY VOLTAGE	560	550	540
CORRECTION FACTOR	0.95	0.91	0.88

Multiply rated kW by correction factor to get actual kW

MINIMUM AIRFLOW FOR ELECTRIC HEAT

HEATER SIZE	MINIMUM CFM	
	A MODELS	B MODELS
10 kW	1,250	1,250
15 kW	1,400	1,250

MODEL AND HEAT KIT USAGE	MCA ¹ @ 208 / 240V	MOP ² (AMPS) @ 208 / 240V	ACTUAL kW & BTU @ 240V	RECOMMENDED AIRFLOW RANGE
DCH048***3D***	21	30		
EHK3-10	44 / 51	45 / 60	10	1400-1800 CFM
EHK3-15	57 / 66	60 / 70	15	1575-1800 CFM
EHK3-18	65 / 75	70 / 80	18	1575-1800 CFM
DCH048***3B***	22	30		
EHK3-10	45 / 52	45 / 60	10	1400-1800 CFM
EHK3-15	58 / 67	60 / 70	15	1575-1800 CFM
EHK3-18	66 / 76	70 / 80	18	1575-1800 CFM

MODEL AND HEAT KIT USAGE	MCA ¹ @ 480V	MOP ² (AMPS) @ 480V	ACTUAL kW & BTU @ 480V	RECOMMENDED AIRFLOW RANGE
DCH048***4B***	10	15		
EHK4-10	25	30	10	1400-1800 CFM
EHK4-15	33	35	15	1575-1800 CFM
EHK4-18	37	40	18	1575-1800 CFM

MODEL AND HEAT KIT USAGE	MCA ¹ @ 575V	MOP ² (AMPS) @ 575V	ACTUAL kW & BTU @ 575V	RECOMMENDED AIRFLOW RANGE
DCH048***7B***	8	15		
EHK7-10	21	25	10	1400-1800 CFM
EHK7-15	27	30	15	1575-1800 CFM
EHK7-18	31	35	18	1575-1800 CFM

¹ Minimum Circuit Ampacity

² Maximum Overcurrent Protection device

KW CORRECTION FACTORS

KW CORRECTION FACTOR FOR 1- & 3-PHASE UNITS					
SUPPLY VOLTAGE	240	230	220	210	208
CORRECTION FACTOR	1	0.93	0.82	0.78	0.76

KW CORRECTION FACTOR FOR 480V UNITS			
ACTUAL VOLTAGE	460	440	430
CORRECTION FACTOR	0.92	0.84	0.8

For other voltage use $\text{voltage}^2 / 480^2$

KW CORRECTION FACTOR FOR 575V UNITS			
SUPPLY VOLTAGE	560	550	540
CORRECTION FACTOR	0.95	0.91	0.88

Multiply rated kW by correction factor to get actual kW

MINIMUM AIRFLOW FOR ELECTRIC HEAT

HEATER SIZE	MINIMUM CFM	
	A MODELS	B MODELS
10 kW	1,250	1,250
15 kW	1,400	1,250

MODEL AND HEAT KIT USAGE	MCA ¹ @ 208 / 240V	MOP ² (AMPS) @ 208 / 240V	ACTUAL kW & BTU @ 240V	RECOMMENDED AIRFLOW RANGE
DCH060***3D***	29	45		
EHK3-10	51 / 59	60 / 60	10	1750-2250 CFM
EHK3-15	64 / 74	70 / 80	15	1750-2250 CFM
EHK3-20	77 / 89	80 / 90	20	1850-2250 CFM
DCH060***3B***	25	40		
EHK3-10	48 / 55	50 / 60	10	1750-2250 CFM
EHK3-15	61 / 70	70 / 80	15	1750-2250 CFM
EHK3-20	74 / 85	80 / 90	20	1850-2250 CFM

MODEL AND HEAT KIT USAGE	MCA ¹ @ 480V	MOP ² (AMPS) @ 480V	ACTUAL kW & BTU @ 480V	RECOMMENDED AIRFLOW RANGE
DCH060***4B***	12	20		
EHK4-10	27	30	10	1750-2250 CFM
EHK4-15	35	40	15	1750-2250 CFM
EHK4-20	43	45	20	1850-2250 CFM

MODEL AND HEAT KIT USAGE	MCA ¹ @ 575V	MOP ² (AMPS) @ 575V	ACTUAL kW & BTU @ 575V	RECOMMENDED AIRFLOW RANGE
DCH060***7B***	10	15		
EHK7-10	23	25	10	1750-2250 CFM
EHK7-15	29	30	15	1750-2250 CFM
EHK7-20	35	40	20	1850-2250 CFM

¹ Minimum Circuit Ampacity

² Maximum Overcurrent Protection Device

KW CORRECTION FACTORS

kW CORRECTION FACTOR FOR 1- & 3-PHASE UNITS					
SUPPLY VOLTAGE	240	230	220	210	208
CORRECTION FACTOR	1	0.93	0.82	0.78	0.76

kW CORRECTION FACTOR FOR 480V UNITS			
ACTUAL VOLTAGE	460	440	430
CORRECTION FACTOR	0.92	0.84	0.8

For other voltage use $\text{voltage}^2 / 480^2$

kW CORRECTION FACTOR FOR 575V UNITS			
SUPPLY VOLTAGE	560	550	540
CORRECTION FACTOR	0.95	0.91	0.88

Multiply rated kW by correction factor to get actual kW

MINIMUM AIRFLOW FOR ELECTRIC HEAT

HEATER SIZE	MINIMUM CFM	
	A MODELS	B MODELS
10 kW	1,250	1,250
15 kW	1,400	1,250

MODEL AND HEAT KIT USAGE	MCA ¹ @ 208 / 240V	MOP ² (AMPS) @ 208 / 240V	ACTUAL kW & BTU @ 240V	RECOMMENDED AIRFLOW RANGE
DCH072XX3B***	31	45		
EHK3-10	61	70	10	2,100 - 2,700 CFM
EHK3-15	76	80	15	2,100 - 2,700 CFM
EHK3-20	91	100	20	2,100 - 2,700 CFM
EHK3-25	106	110	25	2,100 - 2,700 CFM

MODEL AND HEAT KIT USAGE	MCA ¹ @ 480V	MOP ² (AMPS) @ 480V	ACTUAL kW & BTU @ 480V	RECOMMENDED AIRFLOW RANGE
DCH072XX4B***	16	25		
EHK4-10	31	35	10	2,100 - 2,700 CFM
EHK4-15	38	40	15	2,100 - 2,700 CFM
EHK4-20	46	50	20	2,100 - 2,700 CFM
EHK4-25	53	60	25	2,100 - 2,700 CFM

MODEL AND HEAT KIT USAGE	MCA ¹ @ 575V	MOP ² (AMPS) @ 575V	ACTUAL kW & BTU @ 575V	RECOMMENDED AIRFLOW RANGE
DCH072XX7B***	13	15		
EHK7-10	25	30	10	2,100 - 2,700 CFM
EHK7-15	31	35	15	2,100 - 2,700 CFM
EHK7-20	38	40	20	2,100 - 2,700 CFM
EHK7-25	44	45	25	2,100 - 2,700 CFM

¹ Minimum Circuit Ampacity

² Maximum Overcurrent Protection Device

Note: All heaters have single-point entry kit

KW CORRECTION FACTORS

kW CORRECTION FACTOR FOR 1- & 3-PHASE UNITS					
SUPPLY VOLTAGE	240	230	220	210	208
CORRECTION FACTOR	1	0.93	0.82	0.78	0.76

kW CORRECTION FACTOR FOR 480V UNITS			
ACTUAL VOLTAGE	460	440	430
CORRECTION FACTOR	0.92	0.84	0.8

For other voltage use $\text{voltage}^2 / 480^2$

kW CORRECTION FACTOR FOR 575V UNITS			
SUPPLY VOLTAGE	560	550	540
CORRECTION FACTOR	0.95	0.91	0.88

Multiply rated kW by correction factor to get actual kW

MINIMUM AIRFLOW FOR ELECTRIC HEAT

HEATER SIZE	MINIMUM CFM	
	A MODELS	B MODELS
10 kW	1,250	1,250
15 kW	1,400	1,250

MODEL AND HEAT KIT USAGE	MCA ¹ @ 208 / 240V	MOP ² (AMPS) @ 208 / 240V	ACTUAL kW & BTU @ 240V	RECOMMENDED AIRFLOW RANGE
DCH072***3V***	30.0	45	0	
EHK3-10	60.1	70	10	2,100 - 2,700 CFM
EHK3-15	75.1	80	15	2,100 - 2,700 CFM
EHK3-20	90.1	100	20	2,100 - 2,700 CFM
EHK3-25	105.2	110	25	2,100 - 2,700 CFM

MODEL AND HEAT KIT USAGE	MCA ¹ @ 480V	MOP ² (AMPS) @ 480V	ACTUAL kW & BTU @ 480V	RECOMMENDED AIRFLOW RANGE
DCH072***4V***	14.4	20	0	
EHK4-10	29.4	30	10	2,100 - 2,700 CFM
EHK4-15	36.9	40	15	2,100 - 2,700 CFM
EHK4-20	44.4	45	20	2,100 - 2,700 CFM
EHK4-25	52.0	60	25	2,100 - 2,700 CFM

MODEL AND HEAT KIT USAGE	MCA ¹ @ 575V	MOP ² (AMPS) @ 575V	ACTUAL kW & BTU @ 575V	RECOMMENDED AIRFLOW RANGE
DCH072***7V***	10.9	15	0	
EHK7-10	23.5	25	10	2,100 - 2,700 CFM
EHK7-15	29.8	30	15	2,100 - 2,700 CFM
EHK7-20	36.0	40	20	2,100 - 2,700 CFM
EHK7-25	42.3	45	25	2,100 - 2,700 CFM

¹ Minimum Circuit Ampacity

² Maximum Overcurrent Protection Device

Note: All heaters have single-point entry kit

KW CORRECTION FACTORS

kW CORRECTION FACTOR FOR 1- & 3-PHASE UNITS					
SUPPLY VOLTAGE	240	230	220	210	208
CORRECTION FACTOR	1	0.93	0.82	0.78	0.76

kW CORRECTION FACTOR FOR 480V UNITS			
ACTUAL VOLTAGE	460	440	430
CORRECTION FACTOR	0.92	0.84	0.8

For other voltage use $\text{voltage}^2 / 480^2$

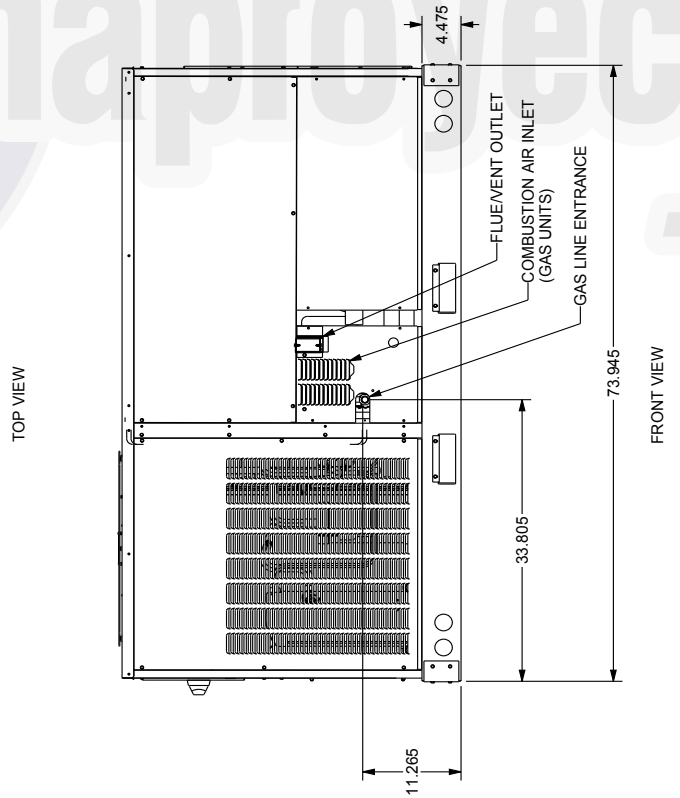
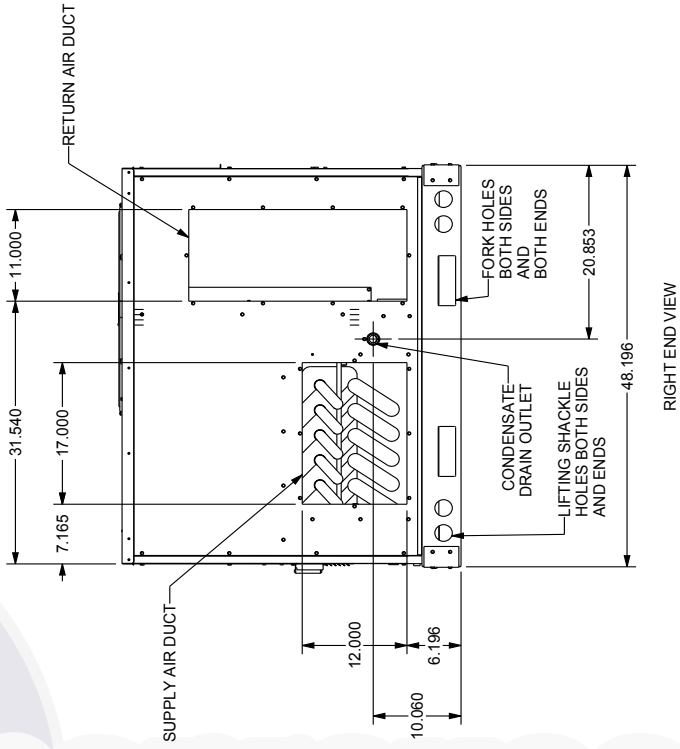
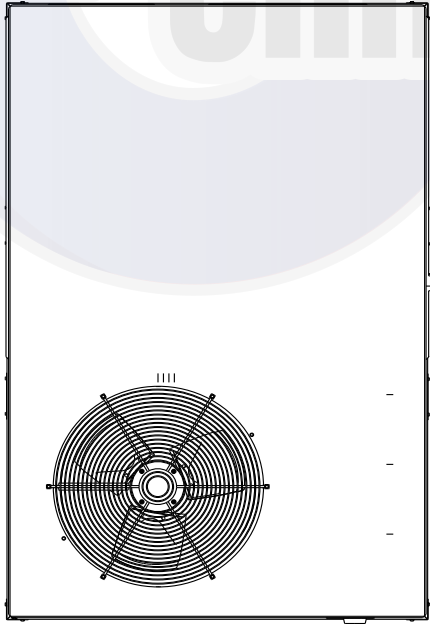
kW CORRECTION FACTOR FOR 575V UNITS			
SUPPLY VOLTAGE	560	550	540
CORRECTION FACTOR	0.95	0.91	0.88

Multiply rated kW by correction factor to get actual kW

MINIMUM AIRFLOW FOR ELECTRIC HEAT

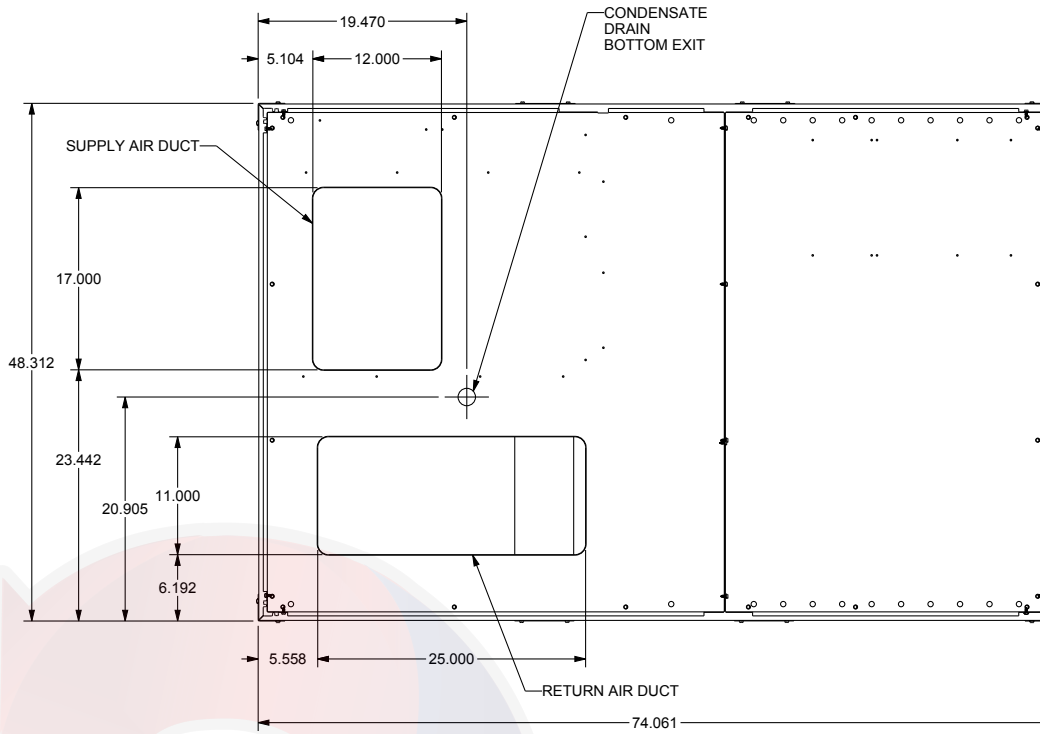
HEATER SIZE	MINIMUM CFM	
	A MODELS	B MODELS
10 kW	1,250	1,250
15 kW	1,400	1,250

MODEL TONNAGES	"A"	"B"	"C"
3 TON COMMERCIAL GAS. HT PUMP. AIR CONDITIONER	38.840	16.555	26.055
4 TON COMMERCIAL GAS. HT PUMP. AIR CONDITIONER	38.840	16.555	26.055
5 TON COMMERCIAL GAS. HT PUMP. AIR CONDITIONER	38.840	16.555	26.055
6 TON COMMERCIAL GAS. HT PUMP. AIR CONDITIONER	42.840	20.555	30.055



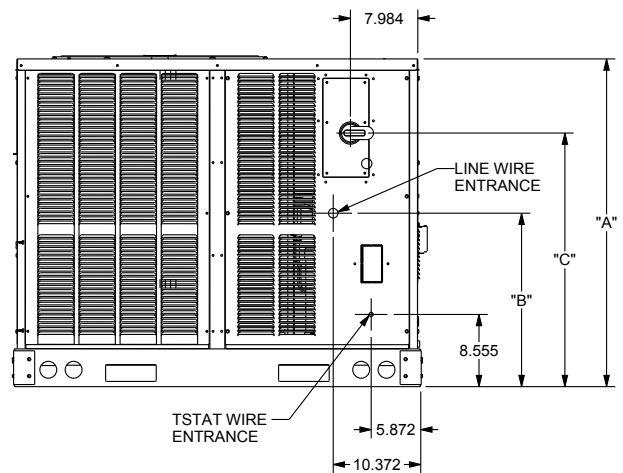
DC*036-072***
3 THRU 6 TON COMMERCIAL

ALL DIMENSIONS GIVEN ARE IN INCHES
ALL DIMENSIONS AND SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE



BASE PAN VIEW
(VIEWED FROM TOP)

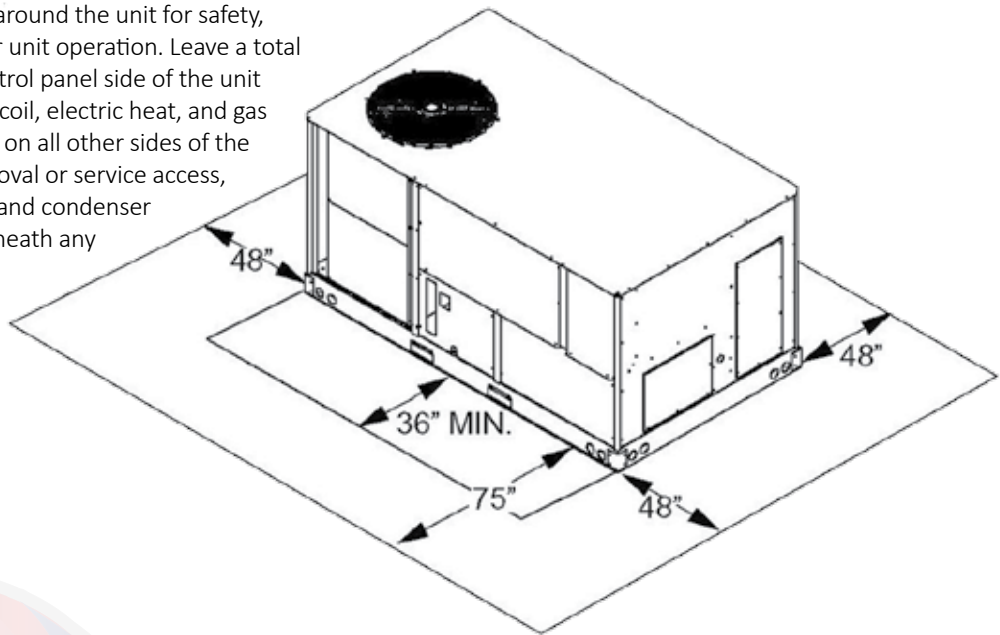
MODEL TONNAGES	"A"	"B"	"C"
3 TON COMMERCIAL GAS, HT PUMP, AIR CONDITIONER	38.840	16.555	26.055
4 TON COMMERCIAL GAS, HT PUMP, AIR CONDITIONER	38.840	16.555	26.055
5 TON COMMERCIAL GAS, HT PUMP, AIR CONDITIONER	38.840	16.555	26.055
6 TON COMMERCIAL GAS, HT PUMP, AIR CONDITIONER	42.840	20.555	30.055



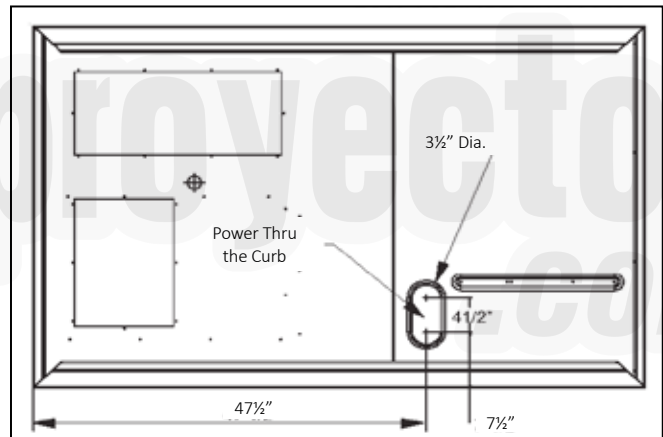
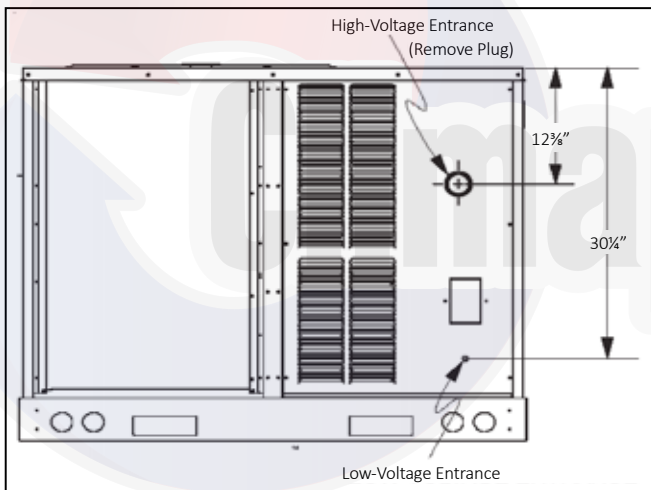
LEFT END VIEW

UNIT CLEARANCES

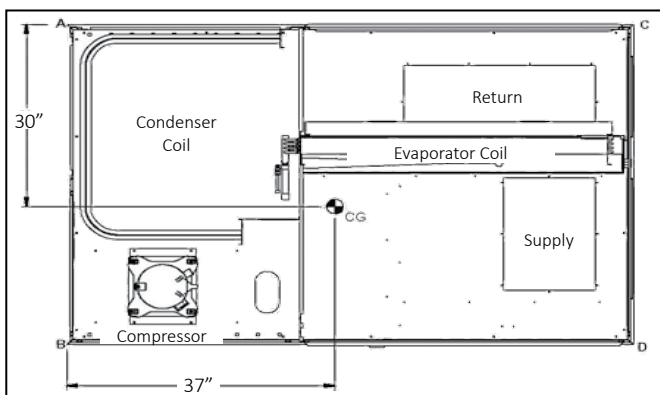
Maintain an adequate clearance around the unit for safety, service, maintenance, and proper unit operation. Leave a total clearance of 75" on the main control panel side of the unit for possible removal of fan shaft, coil, electric heat, and gas furnace. Leave a clearance of 48" on all other sides of the unit for possible compressor removal or service access, and to ensure proper ventilation and condenser airflow. Do not install the unit beneath any obstruction. Install the unit away from all building exhausts to inhibit ingestion of exhaust air into the unit's fresh-air intake.



ELECTRICAL ENTRANCE LOCATIONS



CORNER & CENTER-OF-GRAVITY LOCATIONS



UNIT WEIGHTS	3-TON WEIGHTS	4-TON WEIGHTS	5-TON WEIGHTS	6-TON WEIGHTS
Corner Weight (A)	130	135	145	145
Corner Weight (B)	180	180	180	205
Corner Weight (C)	115	115	120	125
Corner Weight (D)	155	155	145	175
Unit Shipping Weight	605	610	615	675
Unit Operating Weight	580	585	590	650

Note: Weights are calculated without accessories installed.

Provisions for forks have been included in the unit base frame. No other fork locations are approved.

- Unit must be lifted by the four lifting holes located at the base frame corners.
- Lifting cables should be attached to the unit with shackles.
- The distance between the crane hook and the top of the unit must not be less than 60".
- Two spreader bars must span over the unit to prevent damage to the cabinet by the lift cables. Spreader bars must be of sufficient length so that cables do not come in contact with the unit during transport. Remove wood struts mounted beneath unit base frame before setting unit on roof curb. These struts are intended to protect unit base frame from fork lift damage. To remove the struts, extract the sheet metal retainers and pull the struts through the base of the unit. Refer to rigging label on the unit.

Important: If using bottom discharge with roof curb, duct-work should be attached to the curb prior to installing the unit. Duct-work dimensions are shown in Roof Curb Installation Instructions Manual.

Refer to the Roof Curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual.

Lower unit carefully onto roof mounting curb. While rigging the unit, the center of gravity will cause the condenser end to be lower than the supply air end.

Bring condenser end of unit into alignment with the curb. With condenser end of the unit resting on curb member and using curb as a fulcrum, lower opposite end of the unit until entire unit is seated on the curb. When a rectangular cantilever curb is used, take care to center the unit. Check for proper alignment and orientation of supply and return openings with duct.

To assist in determining rigging requirements, unit weights are shown below.

Curb installations must comply with local codes and should follow the established guidelines of the National Roofing Contractors Association.

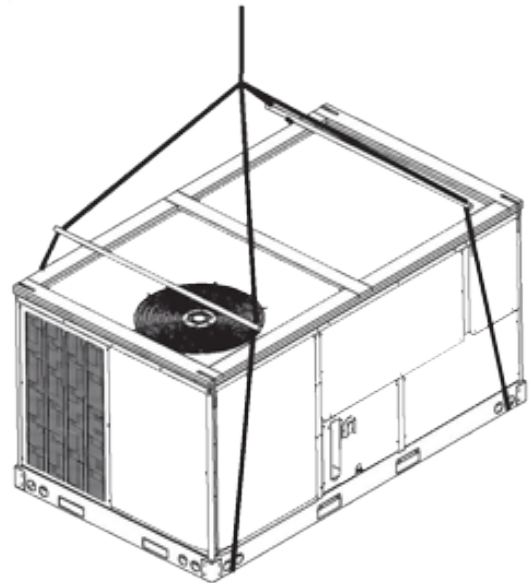
Proper unit installation requires that the roof curb be firmly and permanently attached to the roof structure. Check for adequate fastening method prior to setting the unit on the curb.

Full perimeter roof curbs are available from the factory and are shipped unassembled. The installing contractor is responsible for field assembly, squaring, leveling, and mounting on the roof structure. All required hardware necessary for the assembly of the sheet metal curb is included in the curb accessory package.

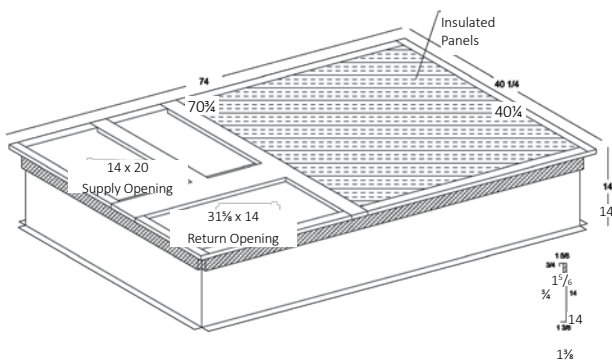
- Determine sufficient structural support before locating and mounting the curb and package unit.
- Duct-work must be constructed using industry guidelines. The duct-work must be placed into the roof curb before mounting the package unit. Our full perimeter curbs include duct connection frames to be assembled with the curb. Cantilevered-type curbs are not available from the factory.
- Contractor furnishes curb insulation, cant strips, flashing, and general roofing material.
- Support curbs on parallel sides with roof members. To prevent damage to the unit, the roof members cannot penetrate supply and return duct openings.

Note: The unit and curb accessories are designed to allow vertical duct installation before unit placement. Duct installation after unit placement is not recommended.

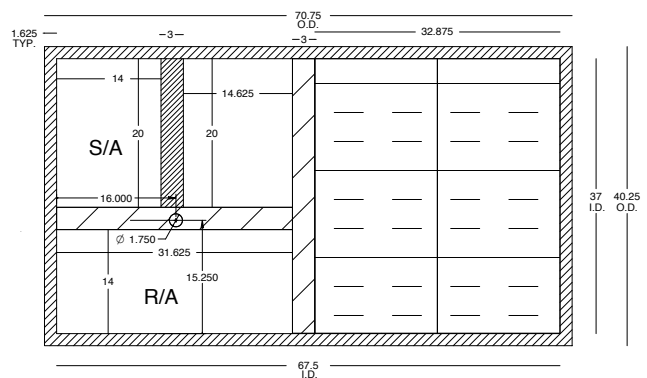
See the manual shipped with the roof curb for assembly and installation instructions.



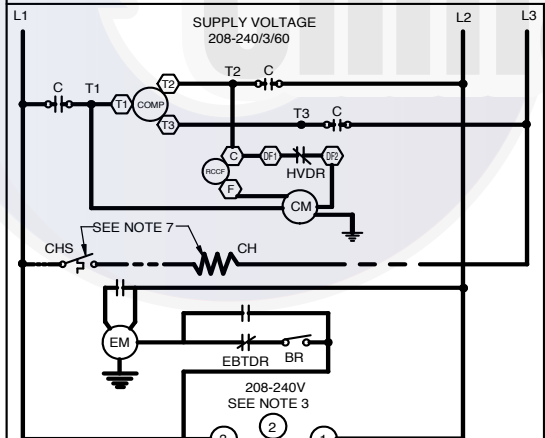
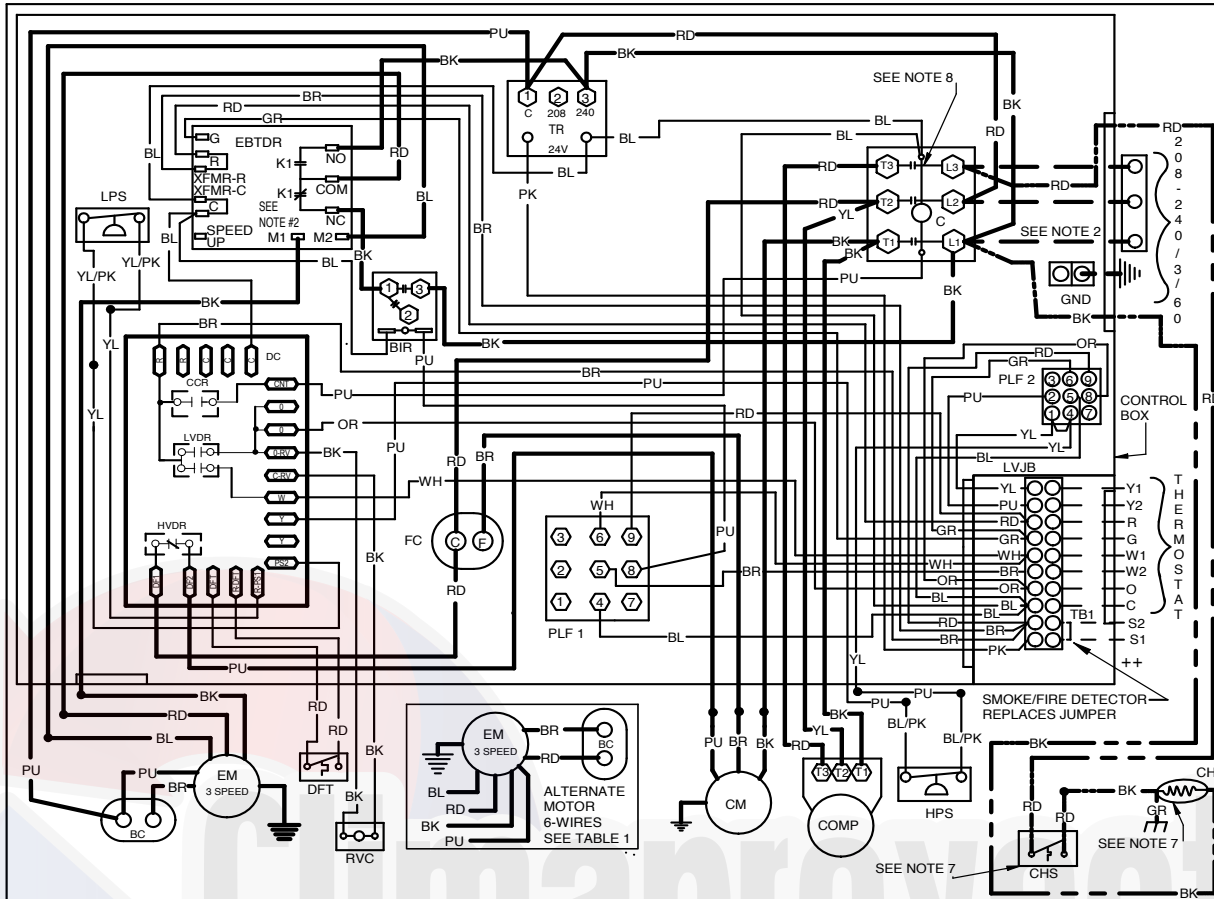
3-D VIEW



TOP VIEW



WIRING DIAGRAM — DCH 3 THROUGH 4 TONS (230V, THREE-PHASE DIRECT DRIVE)



COMPONENT LEGEND

BIR	BLOWER INTERLOCK RELAY
C	CONTACTOR
CCR	COMPRESSOR CONTACTOR RELAY
CH	CRANKCASE HEATER
CHS	CRANKCASE HEATER SWITCH
CM	CONDENSER MOTOR
COMP	COMPRESSOR
DC	DEFROST CONTROL
DFT	DEFROST THERMOSTAT
ECON	ECONOMIZER
EM	EVAPORATOR MOTOR
FC	FAN CAPACITOR
GND	EQUIPMENT GROUND
HPS	HIGH PRESSURE SWITCH
HVDR	HIGH VOLTAGE DEFROST RELAY
LPS	LOW PRESSURE SWITCH
LVDR	LOW VOLTAGE DEFROST RELAY
LVJB	LOW VOLTAGE JUNCTION BOX
PLF	FEMALE PLUG / CONNECTOR
RVC	REVERSING VALVE COIL
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER
BC	BLOWER CAPACITOR

- NOTES:**
- REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
 - TO CHANGE EVAPORATOR MOTOR SPEED MOVE M1 OR M2 WIRE TO COM TERMINAL ON EBTDR AND PLACE WIRE REMOVED FROM COM ON EMPTY M1 OR M2 TERMINAL.
 - FOR 208V TRANSFORMER OPERATION MOVE BK WIRES FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
 - USE COPPER CONDUCTORS ONLY
++ USE N.E.C. CLASS 2 WIRE
 - ECONOMIZER PLUG LOCATED IN THE RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO ECONOMIZER ACCESSORY.
 - DIAGRAM SHOWS FACTORY SPEED TAP SETTINGS.
 - CRANKCASE HEATER AND CRANKCASE HEATER SWITCH FACTORY EQUIPPED WHEN REQUIRED.
 - COMMON SIDE OF CONTACTOR CAN NOT BE GROUNDED OR CONNECTED TO ANY OTHER COMMON (24V).

COLOR	TERMINATION
RD	COM (EBTDR)
BK	M1 (EBTDR)
BL	M2 (EBTDR)
PU	PIN T (24V XFMR)

RD	LOW
BL	MED
BK	HIGH

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

FACTORY WIRING

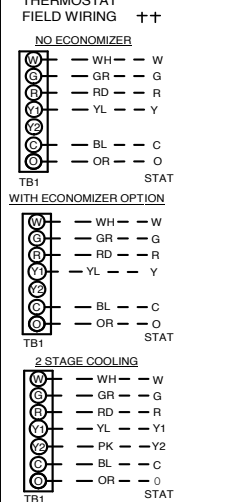
— LINE VOLTAGE
— LOW VOLTAGE
- - - OPTIONAL HIGH VOLTAGE

FIELD WIRING

- - - HIGH VOLTAGE
- - - LOW VOLTAGE

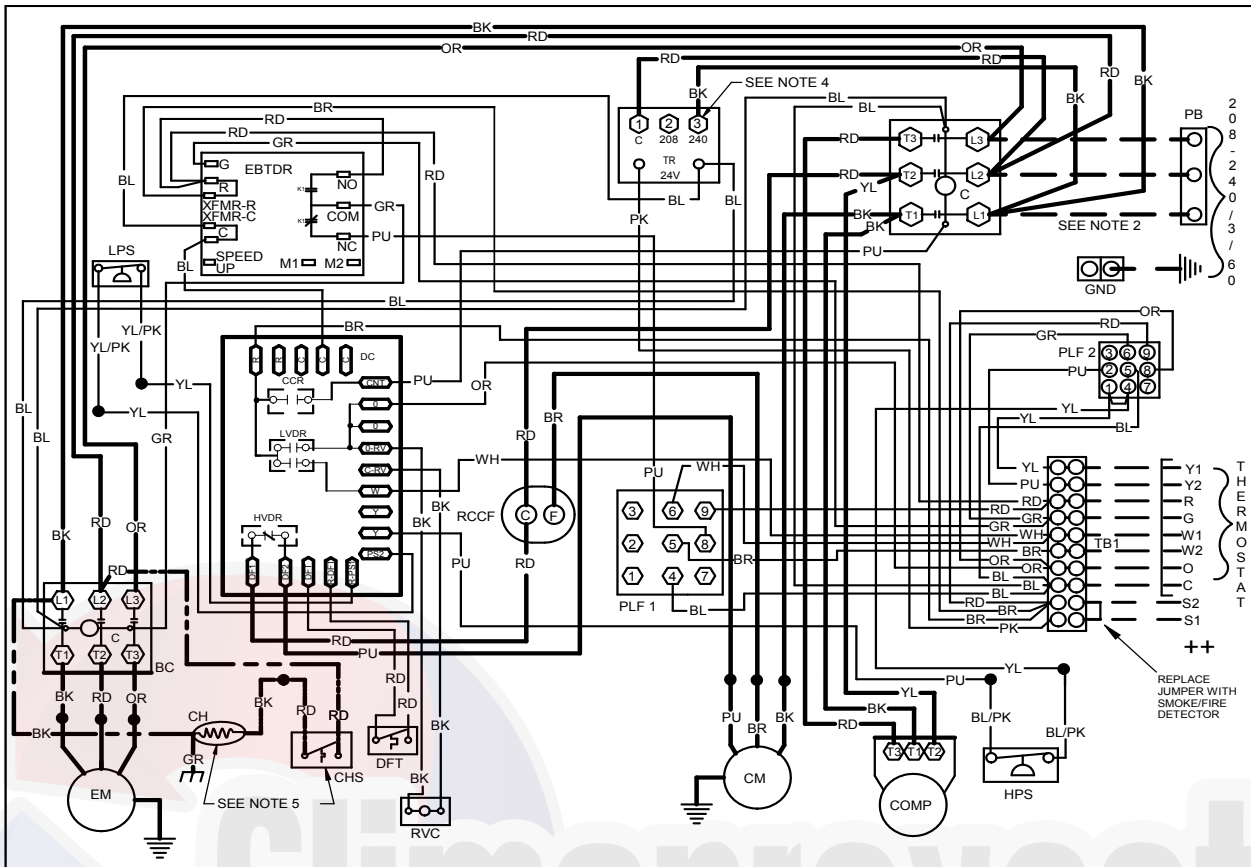
WIRE CODE

BK BLACK
BL BLUE
BR BROWN
GR GREEN
OR ORANGE
PK PINK
PU PURPLE
RD RED
WH WHITE
YL YELLOW
BL/PK BLUE WITH PINK STRIP
YL/PK YELLOW WITH PINK STRIP



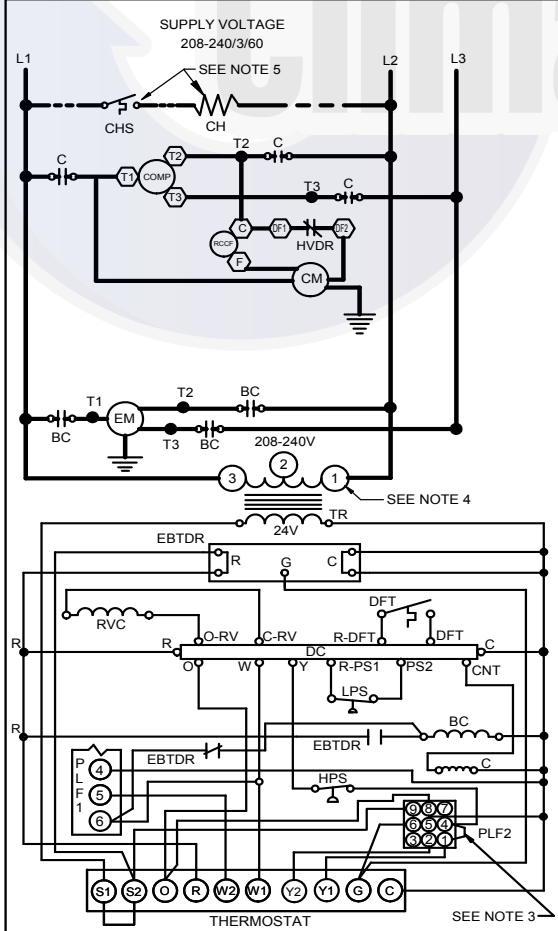
WARNING
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

WARNING



COMPONENT LEGEND

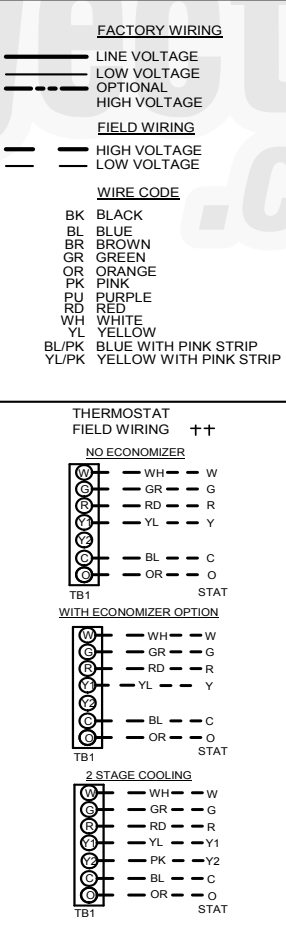
BC	BLOWER CONTACTOR
C	COMPRESSOR CONTACTOR RELAY
CCR	CONTACTOR
CH	CRANKCASE HEATER
CHS	CRANKCASE HEATER SWITCH
CM	CONDENSER MOTOR
COMP	COMPRESSOR
DC	DEFROST CONTROL
DFT	DEFROST THERMOSTAT
ECON	ECONOMIZER
EBTD	ELECTRONIC BLOWER TIME DELAY
EMR	EVAPORATOR MOTOR RELAY
EM	EVAPORATOR MOTOR
GND	EQUIPMENT GROUND
HPS	HIGH PRESSURE SWITCH
HVDR	HIGH VOLTAGE DEFROST RELAY
LPS	LOW PRESSURE SWITCH
LVDR	LOW VOLTAGE DEFROST RELAY
PLF	FEMALE PLUG / CONNECTOR
RVC	REVERSING VALVE COIL
RCCF	RUN CAPACITOR FOR CONDENSER FAN
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER

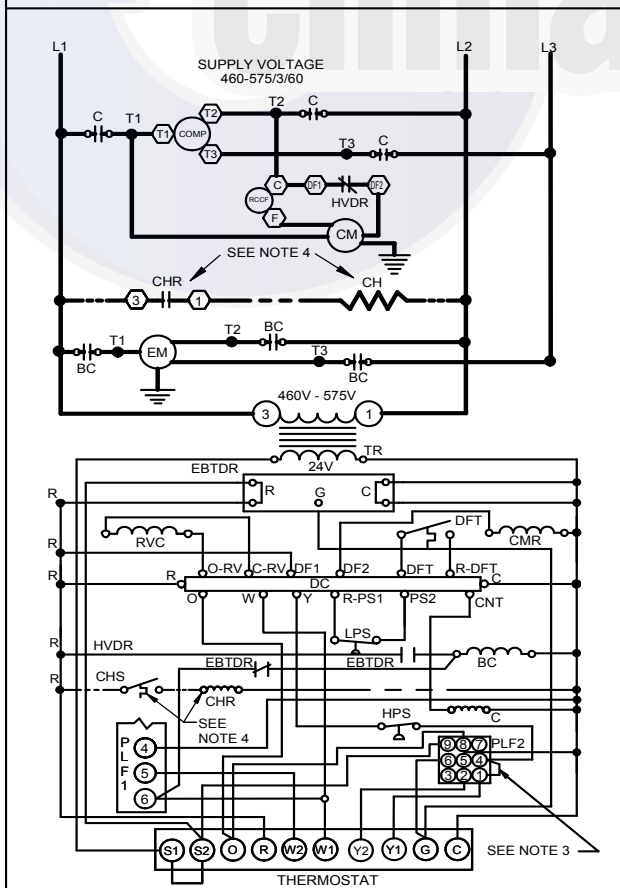
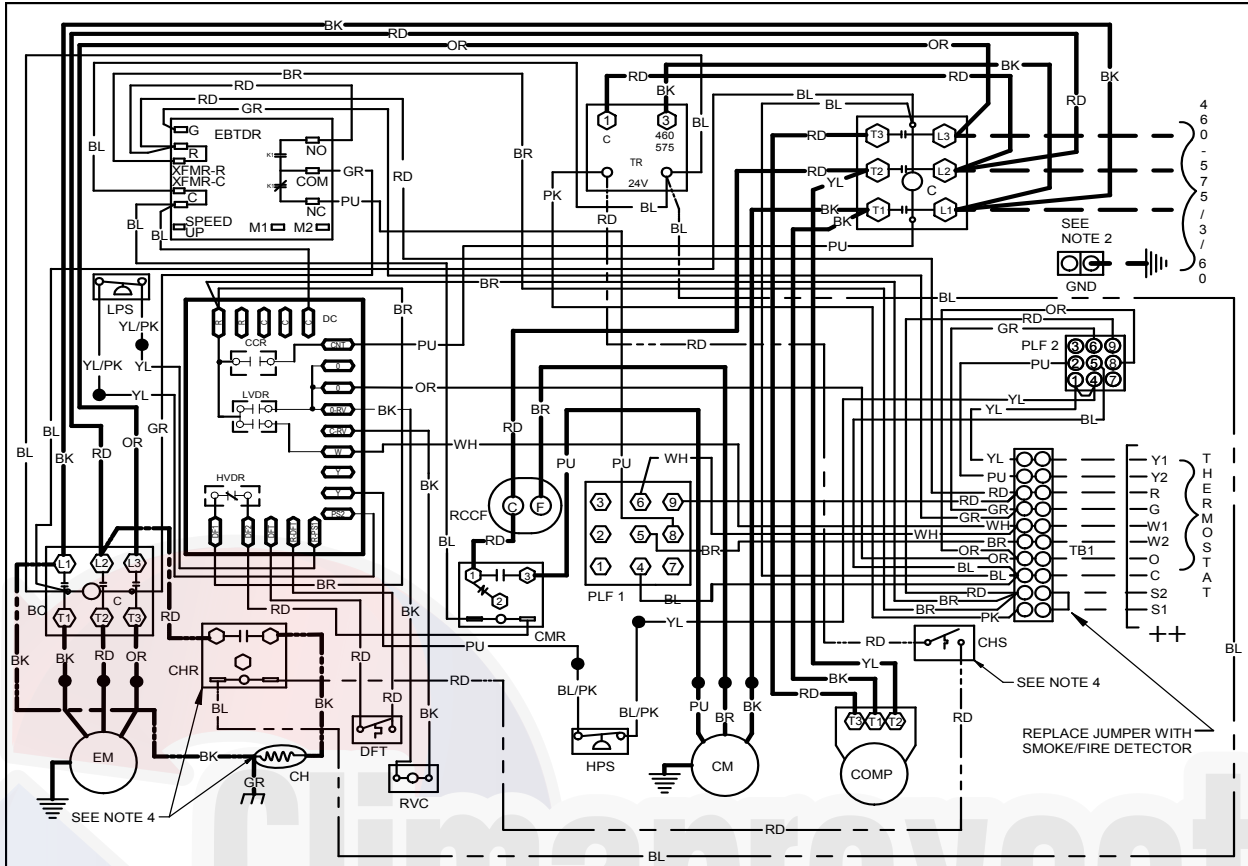
- NOTES:**
- REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
 - USE COPPER CONDUCTORS ONLY ++ USE N.E.C. CLASS 2 WIRE
 - ECONOMIZER PLUG LOCATED IN THE RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO THE ECONOMIZER ACCESSORY.
 - FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRE FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
 - CRANKCASE HEATER AND CRANKCASE HEATER SWITCH FACTORY EQUIPPED WHEN REQUIRED.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION



208-240/3/60 0140L02909-A





COMPONENT LEGEND

BC	BLOWER CONTACTOR
C	CONTACTOR
CCR	COMPRESSOR CONTACTOR RELAY
CH	CRANKCASE HEATER
CHS	CRANKCASE HEATER SWITCH
CHR	CRANKCASE HEATER RELAY
CM	CONDENSER MOTOR
CMR	CONDENSER MOTOR RELAY
COMP	COMPRESSOR
DFT	DEFROST CONTROL
DF	DEFROST THERMOSTAT
ECON	ECONOMIZER
EBTD	ELECTRONIC BLOWER TIME DELAY
EMR	EVAPORATOR MOTOR RELAY
EM	EVAPORATOR MOTOR
GND	EQUIPMENT GROUND
HPS	HIGH PRESSURE SWITCH
HVDR	HIGH VOLTAGE DEFROST RELAY
LPS	LOW PRESSURE SWITCH
LVDR	LOW VOLTAGE DEFROST RELAY
PLF	FEMALE PLUG / CONNECTOR
RVC	RUN CAPACITOR FOR CONDENSER FAN
RCCF	REVERSING VALVE COIL
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER

- NOTES:**
1. REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
 2. USE COPPER CONDUCTORS ONLY ++ USE N.E.C. CLASS 2 WIRE.
 3. ECONOMIZER PLUG LOCATED IN THE RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO THE ECONOMIZER ACCESSORY.
 4. CRANKCASE HEATER, CRANKCASE HEATER RELAY, AND CRANKCASE HEATER SWITCH FACTORY EQUIPPED WHEN REQUIRED.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION



FACTORY WIRING

LINE VOLTAGE
LOW VOLTAGE
OPTIONAL HIGH VOLTAGE
OPTIONAL LOW VOLTAGE

FIELD WIRING

HIGH VOLTAGE
LOW VOLTAGE

WIRE CODE

BK BLACK
BL BLUE
BR BROWN
GR GREEN
OR ORANGE
PK PINK
PU PURPLE
RD RED
WH WHITE
YL YELLOW
BL/PK BLUE WITH PINK STRIP
YL/PK YELLOW WITH PINK STRIP

THERMOSTAT FIELD WIRING

NO ECONOMIZER

WH	W
GR	G
RD	R
YL	Y
BL	C
OR	O
STAT	

WITH ECONOMIZER OPTION

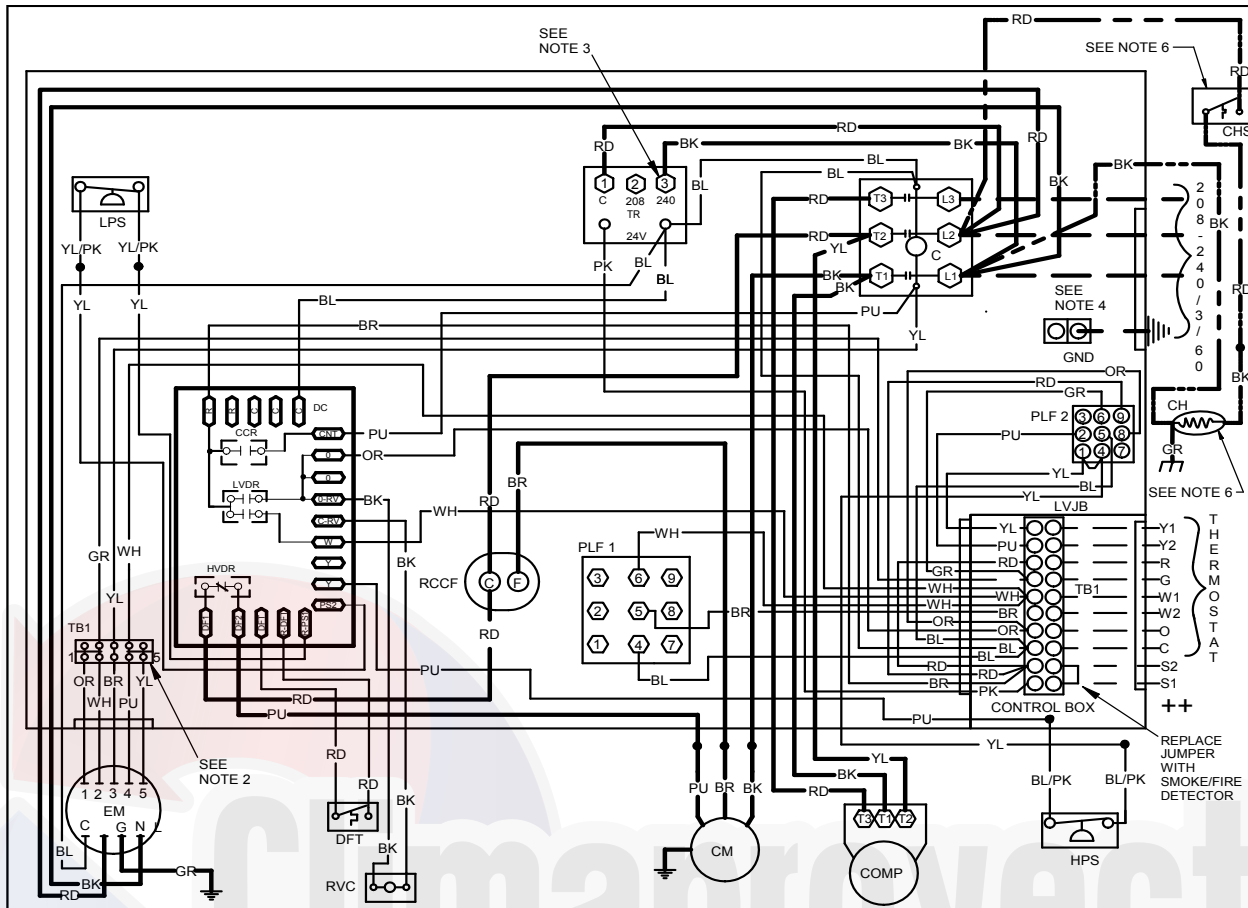
WH	W
GR	G
RD	R
YL	Y
BL	C
OR	O
STAT	

2 STAGE COOLING

WH	W
GR	G
RD	R
YL	Y1
PK	Y2
BL	C
OR	O
STAT	

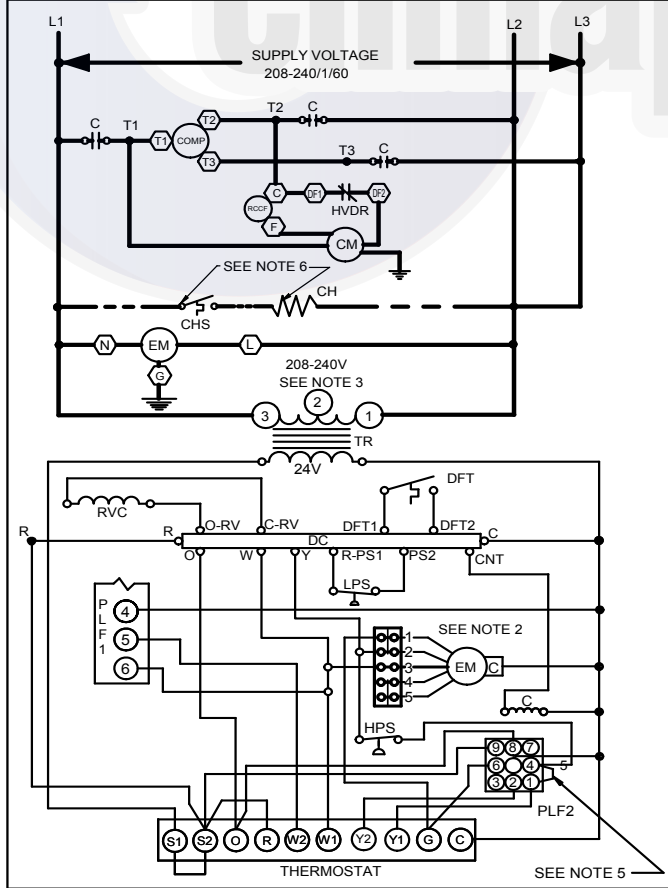
WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

WARNING



COMPONENT LEGEND

C	CONTACTOR
CCR	COMPRESSOR CONTACTOR RELAY
CH	CRANKCASE HEATER
CHS	CRANKCASE HEATER SWITCH
CM	COMPRESSOR MOTOR
COMP	COMPRESSOR
DC	DEFROST CONTROL
DFT	DEFROST THERMOSTAT
ECON	ECONOMIZER
EM	EVAPORATOR MOTOR
GND	EQUIPMENT GROUND
HPS	HIGH PRESSURE SWITCH
HVDR	HIGH VOLTAGE DEFROST RELAY
LPS	LOW PRESSURE SWITCH
LVDR	LOW VOLTAGE DEFROST RELAY
LVJB	LOW VOLTAGE JUNCTION BOX
PLF	FEMALE PLUG / CONNECTOR
RVC	REVERSING VALVE COIL
RCCF	RUN CAPACITOR FOR CONDENSER FAN
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER
RV	REVERSING VALVE

NOTES:

- REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
- TO CHANGE EVAPORATOR MOTOR SPEED MOVE WHITE AND YELLOW LEADS FROM "3" AND "4" TO "4" AND "5". IF BOTH LEADS ARE ENERGIZED, THE HIGHER SPEED SETTING IS USED.
- FOR 208 VOLT TRANSFORMER OPERATION MOVE BLACK WIRES FROM TERMINAL 3 TO TERMINAL 2 ON TRANSFORMER.
- USE COPPER CONDUCTORS ONLY
- ++ USE N.E.C. CLASS 2 WIRE
- ECONOMIZER PLUG LOCATED IN THE RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO ECONOMIZER ACCESSORY.
- CRANKCASE HEATER AND CRANKCASE HEATER SWITCH FACTORY EQUIPPED WHEN REQUIRED.

SEE UNIT RATING PLATE FOR TYPE AND SIZE OF OVER CURRENT PROTECTION

FACTORY WIRING

— LINE VOLTAGE
— LOW VOLTAGE
— OPTIONAL HIGH VOLTAGE

FIELD WIRING

— HIGH VOLTAGE
— LOW VOLTAGE

WIRE CODE

BK BLACK
BL BLUE
BR BROWN
GR GREEN
RD RED
PK PINK
PU PURPLE
OR ORANGE
WH WHITE
YL YELLOW

THERMOSTAT FIELD WIRING ++

NO ECONOMIZER

1	— WH — W
2	— GR — G
3	— RD — R
4	— YL — Y
5	— BL — C
6	— OR — O

TB1 STAT

WITH ECONOMIZER OPTION

1	— WH — W
2	— GR — G
3	— RD — R
4	— YL — Y
5	— BL — C
6	— OR — O

TB1 STAT

2 STAGE COOLING

1	— WH — W
2	— GR — G
3	— RD — R
4	— YL — Y1
5	— PK — Y2
6	— BL — C
7	— OR — O

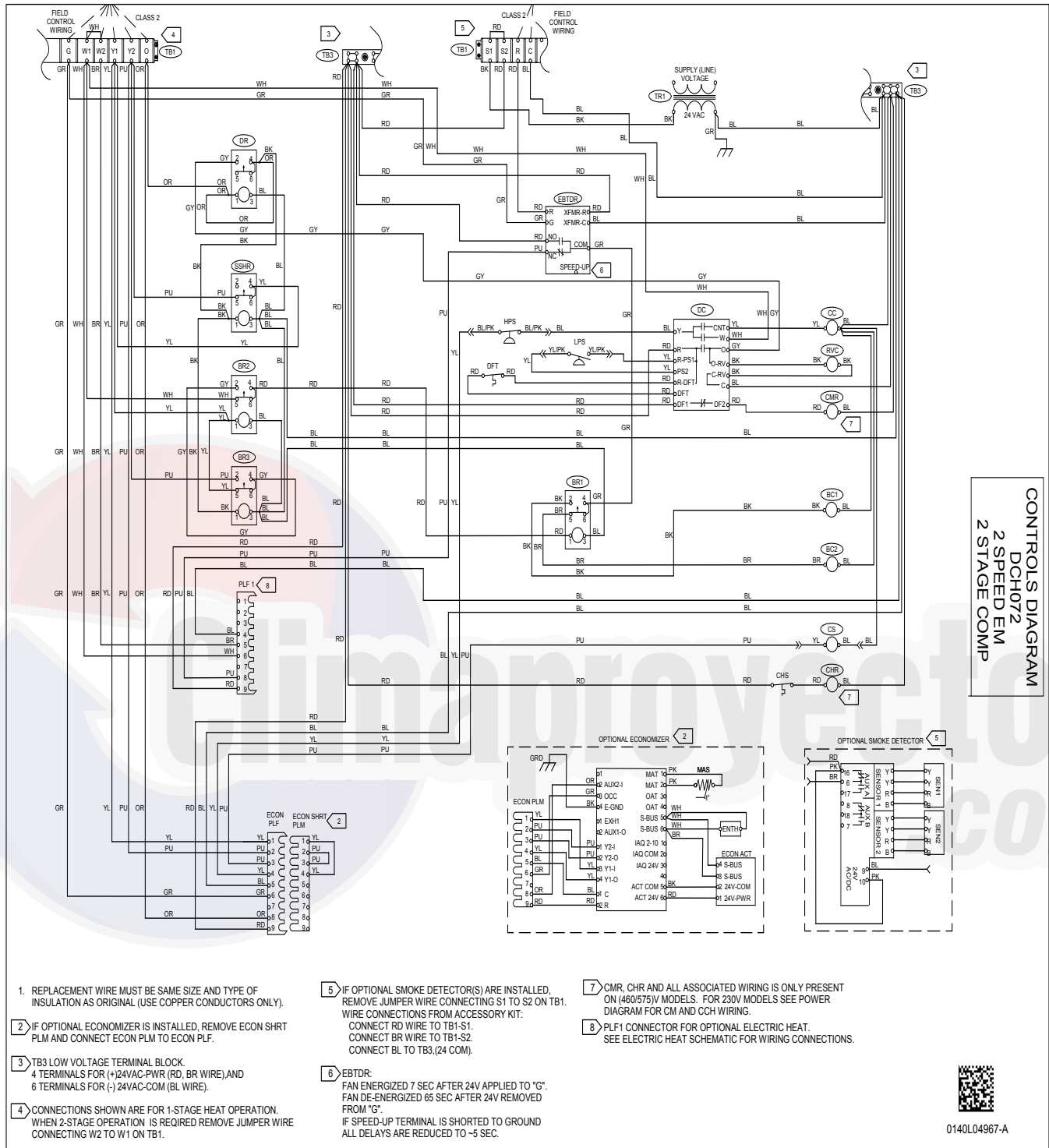
TB1 STAT

Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



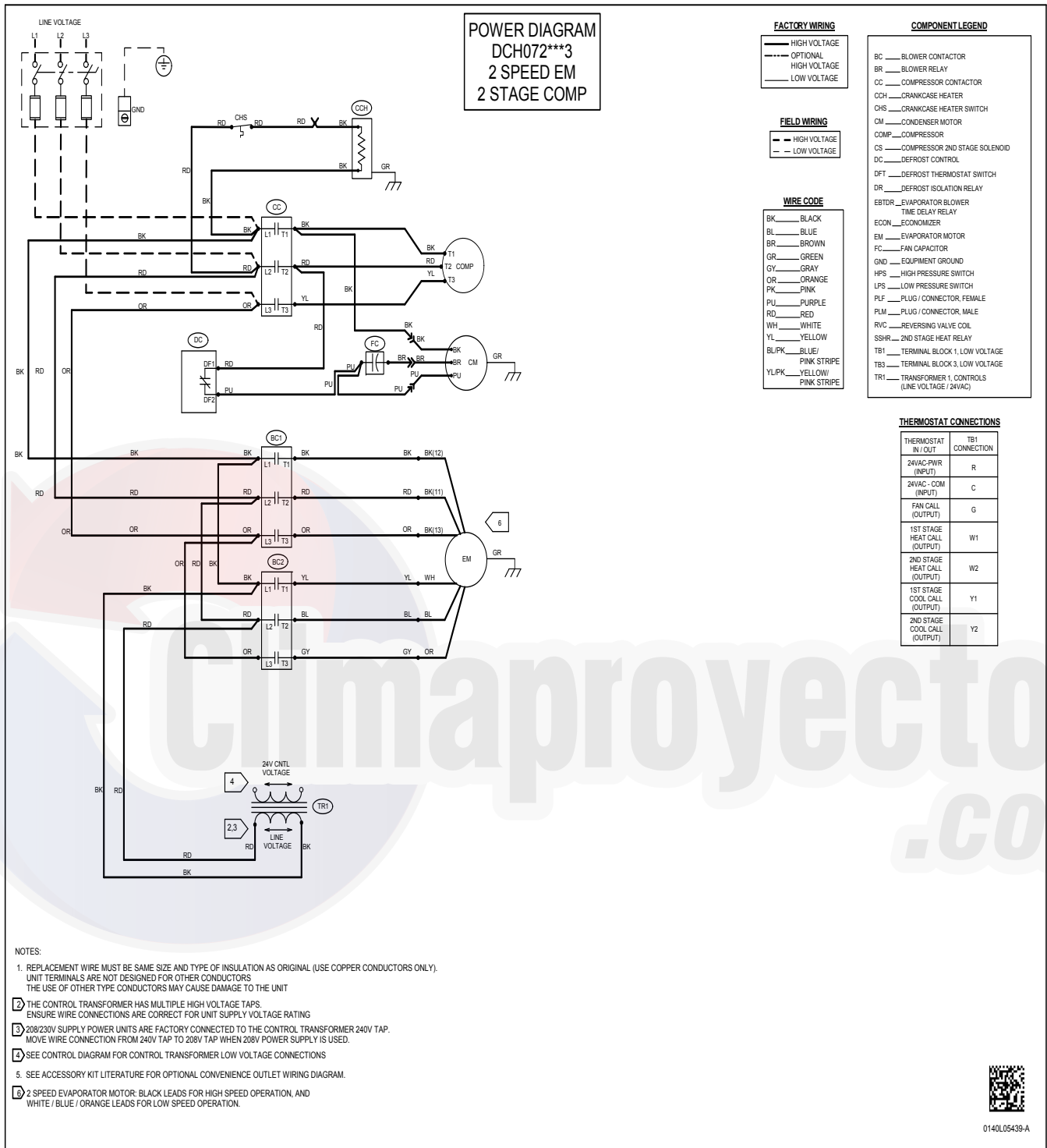
208-240/3/60 0140L02908-A

WIRING DIAGRAM — CONTROL DIAGRAM DCH072XXX*V - 2 SPEED (ALL VOLTAGES)



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

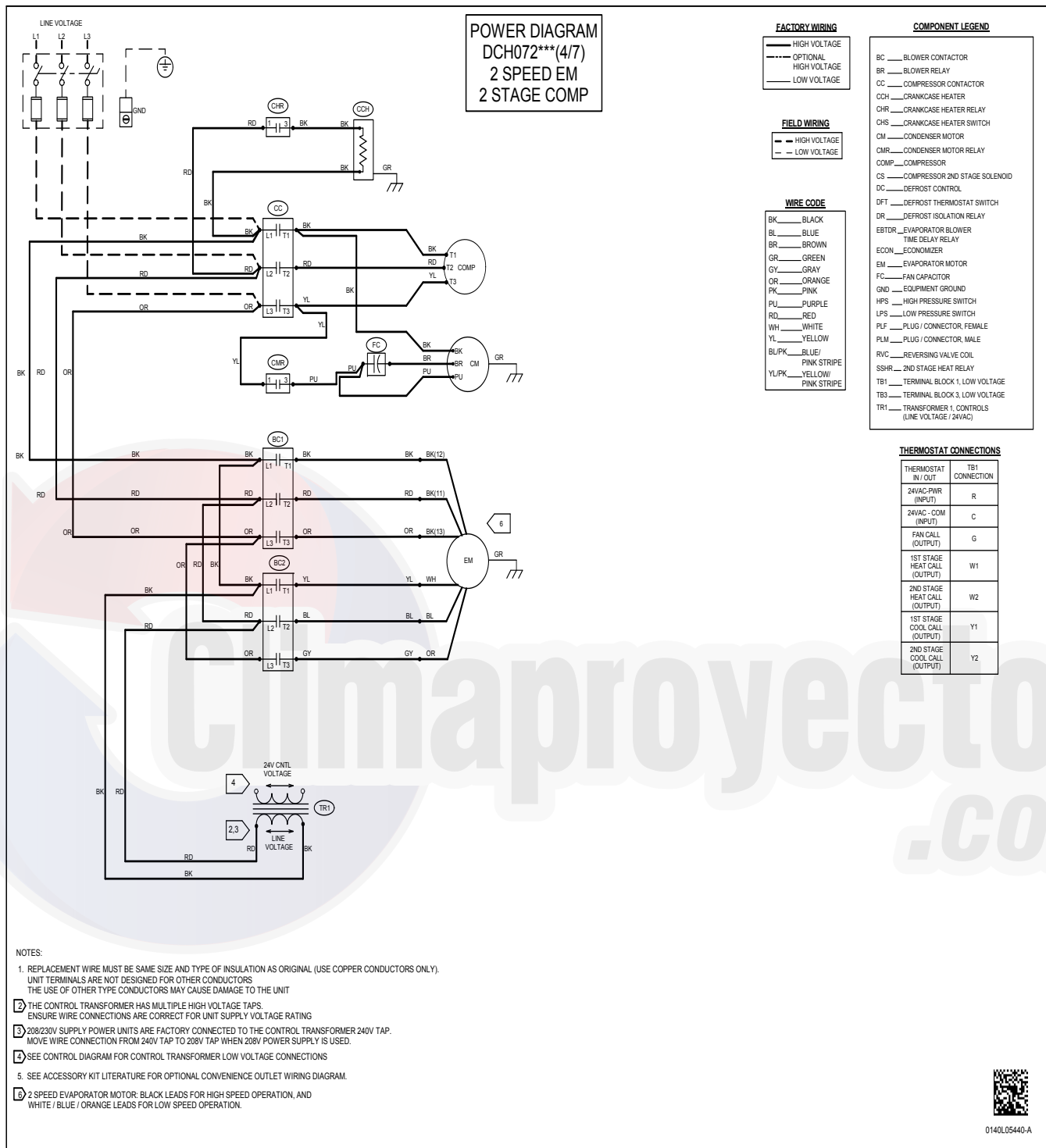
WARNING	High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.	
----------------	---	--



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

DAIKIN MASTER ITEM #	DESCRIPTION	FITS MODEL SIZES	FIELD- INSTALLED	FACTORY- INSTALLED	OPERATING WEIGHT (LBS)
14CURB3672	14" Roof Curb	3-6 tons	√		86
D25FD3672	25% Manual Fresh Air Damper	3-6 tons	√		12
D25MFD3672	25% Motorized Fresh Air Damper	3-6 tons	√		16
DDNBBS3672	Burglar Bar Sleeves with Supply & Return	3-6 tons	√		30
CDK36	Concentric Duct Kit	3 tons	√		27
CDK4872	Concentric Duct Kit	4-6 tons	√		27
HAILGD03D	Condenser Coil Hail Guard	3-5 tons	√		19
HAILGD04D	Condenser Coil Hail Guard	6 tons	√		22
	Convenience Outlet: Non Powered	All Models		√	2
	Convenience Outlet: Powered	All Models		√	42
	Disconnect Switch	All Models		√	5
	Ultra Low-Leak Downflow Economizer ¹	3-6 tons		√	71
DDNECNJ3672B	Low-Leak Downflow Economizer ²	3-6 tons	√	√	77
DDNECNJ3672NR	Downflow Economizer ² w/o Barometric Relief	3-6 Tons	√		77
DDNSQRD3616	Downflow Square-to-Round Adapter (16" Round)	3 tons	√		45
DDNSQRD487218	Downflow Square-to-Round Adapter (18" Round)	4-6 tons	√		35
	Electric Heat Kits	All Models	√	√	21
HSKT036B ³	High-Static Kit (230/460v)	3 tons	√		41
HSKT036B-7 ³	High-Static Kit (575v)	3 tons	√		5
HSKT048B ³	High-Static Kit (230/460v)	4 tons	√		38
HSKT048B-7 ³	High-Static Kit (575v)	4 tons	√		27
HSKT060B ³	High-Static Kit (230/460v)	5 tons	√		38
HSKT060B-7 ³	High-Static Kit (575v)	5 tons	√		28
HSKT072B ³	High-Static Kit (230/460v)	6 tons	√		38
HSKT072B-7 ³	High-Static Kit (575v)	6 tons	√		15
DHZEENJ3672	Horizontal Economizer	3-6 tons	√		70
GHRC-1	Hurricane Restraint Clips	All Models	√		2
DBRD3672	Barometric Relief Damper	3-6 tons	√		15
LAKT01	Low-Ambient Kit	3-6 tons	√	√	2
DPE36722	Downflow Power Exhaust (208/230 Volt)	3-6 tons	√		55
DPE36724	Downflow Power Exhaust (460 Volt)	3-6 tons	√		55
DPE36727	Downflow Power Exhaust (575v)	3-6 tons	√		55
	Smoke Detector	All Models		√	11
	Hinged Panels	3-6 tons		√	10

¹ Please contact RRS Rooftop Systems directly if Power Exhaust is required.

² Please use part number DPE36722 / DPE36724 / DPE36727 if Power Exhaust is required.

³ HSKT High-Static Kits are for use with standard single-speed belt-drive units only.

Note: Where multiple variations are available, the heaviest combination is listed.





