

3 - 5 TONS HEAT PUMPS 15 SEER UP TO 13.0 EER / 8.2 HSPF

Cooling Capacity: 35,000 - 60,000 BTU/h

Heating Capacity: 32,800 - 55,500 BTU/h



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■ 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-phase unit meets the performance specified as of 1/1/2015 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.

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FACTORY-INSTALLED OPTIONS

- **Stainless-Steel Heat Exchanger (Gas 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 (AC and heat pump 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 7.2A/6.5A for 208/230V units, increase by 3.3A for 460V units, and by 2.6A 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 (DSC units) and heat pump models (DSH 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 all 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.
- **Phase Monitor:** Phase monitor (3 phase only), available for 3 - 25 ton DS, DC and DT series models. Phase monitor shall provide protection for motors and compressors against problems caused by phase loss, phase reversal and phase unbalance. Phase monitor is equipped with an LED that provides an ON or FAULT indicator.
- **DDC Controller:** DDC communicating controller, available for 3 - 25 ton DS, DC and DT series models with on-board BACnet® communication interface.

	DTH036 ***1D***A*	DTH048 ***1D***A*	DTH060 ***1D***A*
COOLING CAPACITY			
Total BTU/h	35,400	46,500	59,500
Sensible BTU/h	28,000	36,000	44,000
SEER / EER	15.0 / 12.5	15.0 / 12.0	15.0 / 12.0
Decibels	78	78	78
ARI Reference #s	8101150	8101152	8101154
HEATING CAPACITY			
BTU/h / COP (47° F)	34,800 / 4.0	44,500 / 3.8	55,500 / 3.8
BTU/h / COP (17° F)	18,000 / 2.4	24,000 / 2.4	31,200 / 2.4
HSPF	8.0	8.0	8.0
EVAPORATOR MOTOR / COIL			
Motor Type	Direct Drive	Direct Drive	Direct Drive
Indoor Nominal CFM	1,200	1,600	2,000
Motor Speed Tap (Cooling)	T3	T3	T3
Horsepower - RPM	½ - 750	1 - 750	1 - 950
Piston Size (Cooling)	0.068	0.076	0.086
Filter Size (Qty)	(4) 14" x 20" x 2"	(4) 14" x 20" x 2"	(4) 16" x 20" x 2"
Drain Size (NPT)	¾"	¾"	¾"
R-410A Refrigerant Charge Cir #1 (oz.)	170	158	240
Evaporator Coil Face Area (ft²)	7.8	7.8	8.9
Rows Deep/ Fins per Inch	4/16	4 / 16	4 / 16
Tube Diameter - Material	5/16 - Copper	5/16 - Copper	3/8 - Copper
EVAPORATOR FAN			
# of Wheels (D x W)	1 (10" x 9")	(11" X 10") 1	(11" X 10") 1
Motor Sheave	---	---	---
Blower Sheave / Belt	---	---	---
CONDENSER FAN / COIL			
Quantity of Condenser Fan Motors	1	1	1
Horsepower - RPM	¼ / 1,090	¼ / 1,090	⅓ / 1,090
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4
Outdoor Nominal CFM	3,800	3,800	4,200
Face Area (ft²)	17.0	17	19
Rows Deep / Fins per Inch	2 / 18	2 / 18	2 / 20
Piston Size (Heating)	0.055	0.059	0.065
Tube Diameter - Material	5/16 - Copper	5/16 - Copper	3/8 - Copper
COMPRESSOR			
Quantity / Type/ Stage	1 / Scroll/ 1	1 / Scroll/ 1	1 / Scroll/ 1
Compressor RLA / LRA	14.1 / 77.0	19.9 / 109	25.0/134.0
ELECTRICAL DATA			
Voltage - Phase - Frequency	208/230-1-60	208/230-1-60	208/230-1-60
Indoor Blower HP / FLA	½ / 3.9	1.0 / 6.9	1.0 / 6.9
Max External Static	0.5"	0.6"	0.9
Outdoor Fan HP / FLA	¼ / 1.4	¼ / 1.4	⅓ / 2.0
Total Unit Amps	19.4	28.2	33.9
Min. Circuit Ampacity ¹	22.9 / 22.9	33.1 / 33.1	40.2 / 40.2
Max. Overcurrent Protection (amps) ²	35 / 35	50 / 50	60 / 60
Power Supply Conduit Hole	1.125	1.125	1.125
Low Voltage Conduit Hole	½"	½"	½"
OPERATING WEIGHT (LBS)	520	549	583
SHIP WEIGHT (LBS)	548	577	612

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.

Note: Always check the S&R plate for electrical data on the unit being installed.

	DTH036 ***3D***A*	DTH048 ***3D***A*	DTH060 ***3D***A*
COOLING CAPACITY			
Total BTU/h	35,000	47,000	60,000
Sensible BTU/h	25,000	33,600	42,900
SEER / EER	15.0/ 13.0	15.0/ 12.5	15.0/ 12.5
Decibels	78	78	78
ARI Reference #s	8965282	8965283	8965284
HEATING CAPACITY			
BTU/h / COP (47° F)	32,800 / 3.6	44,000 / 3.8	55,000 / 3.6
BTU/h / COP (17° F)	18,000 / 2.3	23,600 / 2.4	30,800 / 2.4
HSPF	8.0	8.0	8.2
EVAPORATOR MOTOR / COIL			
Motor Type	Direct Drive	Direct Drive	Direct Drive
Indoor Nominal CFM	1,200	1,600	2,000
Motor Speed Tap (Cooling)	T3	T3	T3
Horsepower	½	1	1
Piston Size (Cooling)	0.068	0.076	0.086
Filter Size (Qty)	(4) 14" x 20" x 2"	(4) 14" x 20" x 2"	(4) 16" x 20" x 2"
Drain Size (NPT)	¾"	¾"	¾"
R-410A Refrigerant Charge Cir #1 (oz.)	170	168	254
Evaporator Coil Face Area (ft²)	7.8	7.8	8.9
Rows Deep/ Fins per Inch	4/16	4 / 16	4 / 16
Tube Diameter - Material	5/16 - Copper	5/16 - Copper	3/8 - Copper
EVAPORATOR FAN			
# of Wheels (D x W)	1 (10" x 9")	(11" X 10") 1	(11" X 10") 1
Motor Sheave	---	---	---
Blower Sheave / Belt	---	---	---
CONDENSER FAN / COIL			
Quantity of Condenser Fan Motors	1	1	1
Horsepower - RPM	¼ / 1,090	¼ / 1,090	⅓ / 1,090
Fan Diameter/ # Fan Blades	22 / 4	22 / 4	22 / 4
Outdoor Nominal CFM	3,800	3,800	4,200
Face Area (ft²)	17.0	17.0	19.0
Rows Deep / Fins per Inch	2 / 18	2 / 18	2 / 20
Piston Size (Heating)	0.049	0.059	0.062
Tube Diameter - Material	5/16 - Copper	5/16 - Copper	3/8 - Copper
COMPRESSOR			
Quantity / Type/ Stage	1 / Scroll/ 1	1 / Scroll/ 1	1 / Scroll/ 1
Compressor RLA / LRA	9.0/71	13.1/83.1	15.9/110
ELECTRICAL DATA			
Voltage - Phase - Frequency	208/230-3-60	208/230-3-60	208/230-3-60
Indoor Blower HP / FLA	1/2 / 3.9	1 / 6.9	1 / 6.9
Max External Static	0.5"	0.6"	0.9
Outdoor Fan HP / FLA	¼ / 1.4	¼ / 1.4	1/3 / 2.3
Total Unit Amps	14.3	21.4	25.1
Min. Circuit Ampacity ¹	16.5 / 16.5	24.7 / 24.7	29.1 / 29.1
Max. Overcurrent Protection (amps) ²	25 / 25	35 / 35	45 / 45
Power Supply Conduit Hole	1.125	1.125	1.125
Low Voltage Conduit Hole	½"	½"	½"
OPERATING WEIGHT (LBS)	520	549	583
SHIP WEIGHT (LBS)	548	577	612

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.

Note: Always check the S&R plate for electrical data on the unit being installed.

IDB		OUTDOOR AMBIENT 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				
		ENTERING INDOOR WET BULB TEMPERATURE																											
AIRFLOW		59	63	67	71	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	1350	MBh	34.7	36.0	39.4	-	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.4	36.6	-	30.7	31.8	34.8	-	28.4	29.4	32.2	-			
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-			
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-			
		KW	2.27	2.31	2.37	-	2.42	2.47	2.54	-	2.55	2.60	2.68	-	2.67	2.73	2.81	-	2.78	2.83	2.92	-	2.86	2.92	3.01	-			
		HI PR	225	242	255	-	252	271	287	-	287	309	326	-	327	352	371	-	367	395	418	-	406	437	461	-			
	LO PR	111	118	129	-	117	125	136	-	122	129	141	-	128	136	148	-	134	143	156	-	139	147	161	-				
70	1200	MBh	33.7	34.9	38.2	-	32.9	34.1	37.4	-	32.1	33.3	36.5	-	31.3	32.5	35.6	-	29.8	30.8	33.8	-	27.6	28.6	31.3	-			
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-			
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-			
		KW	2.25	2.29	2.36	-	2.40	2.45	2.52	-	2.54	2.59	2.66	-	2.65	2.71	2.79	-	2.75	2.81	2.89	-	2.84	2.90	2.99	-			
		HI PR	222	239	253	-	250	269	284	-	284	306	323	-	323	348	368	-	364	392	413	-	402	433	457	-			
	LO PR	110	117	127	-	116	123	135	-	120	128	140	-	127	135	147	-	133	141	154	-	137	146	159	-				
1050	MBh	31.1	32.2	35.3	-	30.4	31.5	34.5	-	29.6	30.7	33.7	-	28.9	30.0	32.8	-	27.5	28.5	31.2	-	25.4	26.4	28.9	-				
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-			
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-			
		KW	2.20	2.24	2.30	-	2.35	2.39	2.46	-	2.48	2.53	2.60	-	2.60	2.65	2.72	-	2.69	2.75	2.83	-	2.78	2.83	2.92	-			
		HI PR	216	232	245	-	242	261	275	-	275	296	313	-	314	338	356	-	353	380	401	-	390	420	443	-			
	LO PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	133	142	155	-				

75	1350	MBh	35.3	36.3	39.3	42.2	34.5	35.5	38.4	41.2	33.6	34.6	37.5	40.2	32.8	33.8	36.6	39.3	31.2	32.1	34.7	37.3	28.9	29.7	32.2	34.5
		S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		KW	2.28	2.32	2.39	2.46	2.44	2.48	2.55	2.63	2.57	2.62	2.70	2.78	2.69	2.75	2.83	2.92	2.80	2.85	2.94	3.03	2.89	2.94	3.03	3.13
		HI PR	227	244	258	269	255	274	289	302	290	312	329	343	330	355	375	391	371	399	422	440	410	441	466	486
	LO PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173	
75	1200	MBh	34.2	35.3	38.2	41.0	33.5	34.4	37.3	40.0	32.7	33.6	36.4	39.1	31.9	32.8	35.5	38.1	30.3	31.2	33.7	36.2	28.0	28.9	31.2	33.5
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10
		KW	2.27	2.31	2.37	2.44	2.42	2.47	2.54	2.61	2.55	2.60	2.68	2.76	2.67	2.73	2.81	2.89	2.78	2.83	2.92	3.01	2.86	2.92	3.01	3.10
		HI PR	225	242	255	266	252	271	287	299	287	309	326	340	327	352	371	387	368	396	418	436	406	437	461	481
	LO PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	149	158	134	143	156	166	139	147	161	171	
1050	MBh	31.6	32.5	35.2	37.8	30.9	31.8	34.4	36.9	30.1	31.0	33.6	36.1	29.4	30.3	32.8	35.2	27.9	28.8	31.1	33.4	25.9	26.6	28.8	31.0	
		S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		ΔT	22	20	16	11	22	20	17	11	22	20	17	12	22	20	17	12	22	20	17	11	20	19	15	11
		KW	2.22	2.26	2.32	2.39	2.37	2.41	2.48	2.55	2.50	2.55	2.62	2.70	2.61	2.67	2.74	2.83	2.71	2.77	2.85	2.94	2.80	2.85	2.94	3.03
		HI PR	218	235	248	258	245	263	278	290	278	299	316	330	317	341	360	376	357	384	405	423	394	424	448	467
	LO PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.
 Shaded area reflects ACCA (TVA) conditions
 Amperage: Unit amps (comp.+ evaporator + condenser fan motors)
 KW = Total system power

IDB		OUTDOOR AMBIENT 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				
		ENTERING INDOOR WET BULB TEMPERATURE																											
AIRFLOW		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1350	MBh	35.9	36.7	39.2	41.9	35.1	35.8	38.3	40.9	34.2	35.0	37.4	40.0	33.4	34.1	36.5	39.0	31.7	32.4	34.6	37.0	29.4	30.0	32.1	34.3			
	S/T	0.94	0.88	0.72	0.5	1.00	0.91	0.74	0.6	1.00	0.94	0.76	0.6	1.00	0.97	0.79	0.6	1.00	1.00	0.82	0.6	1.00	1.00	0.82	0.6				
	ΔT	23	22	19	15	24	22	19	15	23	22	20	16	23	22	20	16	22	22	19	15	20	20	18	14.4				
	KW	2.30	2.34	2.41	2.5	2.45	2.50	2.57	2.6	2.59	2.64	2.72	2.8	2.71	2.77	2.85	2.9	2.82	2.88	2.96	3.1	2.91	2.97	3.06	3.2				
	HI PR	229	247	261	272	257	277	292	305	293	315	333	347	333	359	379	395	375	404	426	444	414	446	471	491				
	LO PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175				
1200	MBh	34.9	35.6	38.1	40.7	34.0	34.8	37.2	39.7	33.2	34.0	36.3	38.8	32.4	33.1	35.4	37.8	30.8	31.5	33.6	36.0	28.5	29.2	31.2	33.3				
	S/T	0.90	0.84	0.68	0.5	0.93	0.87	0.71	0.5	0.95	0.89	0.73	0.5	0.98	0.92	0.75	0.6	1.00	0.96	0.78	0.6	1.00	0.96	0.78	0.6				
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	22	19	15.0				
	KW	2.28	2.32	2.39	2.5	2.44	2.48	2.55	2.6	2.57	2.62	2.70	2.8	2.69	2.75	2.83	2.9	2.80	2.85	2.94	3.0	2.89	2.94	3.03	3.1				
	HI PR	227	244	258	269	255	274	290	302	290	312	329	343	330	355	375	391	371	400	422	440	410	441	466	486				
	LO PR	112	119	130	139	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173				
1050	MBh	32.2	32.9	35.1	37.5	31.4	32.1	34.3	36.7	30.7	31.3	33.5	35.8	29.9	30.6	32.7	34.9	28.4	29.1	31.0	33.2	26.3	26.9	28.8	30.7				
	S/T	0.86	0.81	0.66	0.5	0.90	0.84	0.68	0.5	0.92	0.86	0.70	0.5	0.95	0.89	0.72	0.5	0.98	0.92	0.75	0.6	0.99	0.93	0.76	0.6				
	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	23	22	19	15.2				
	KW	2.23	2.27	2.34	2.4	2.38	2.43	2.50	2.6	2.52	2.57	2.64	2.7	2.63	2.69	2.77	2.8	2.73	2.79	2.87	3.0	2.82	2.88	2.96	3.1				
	HI PR	220	237	250	261	247	266	281	293	281	302	319	333	320	344	364	379	360	388	409	427	398	428	452	472				
	LO PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	152	162	136	144	158	168				
85	1350	MBh	36.5	37.2	39.0	41.6	35.7	36.4	38.1	40.6	34.8	35.5	37.2	39.7	34.0	34.6	36.3	38.7	32.3	32.9	34.5	36.8	29.9	30.5	31.9	34.1			
	S/T	0.98	0.95	0.86	0.7	1.00	0.98	0.89	0.7	1.00	1.00	0.91	0.7	1.00	1.00	0.94	0.8	1.00	1.00	0.98	0.8	1.00	1.00	0.98	0.8				
	ΔT	24	24	23	20	24	24	23	20	24	24	23	20	23	24	23	20	23	24	23	20	20	21	21	18.5				
	KW	2.31	2.36	2.42	2.5	2.47	2.52	2.59	2.7	2.61	2.66	2.74	2.8	2.74	2.79	2.87	3.0	2.84	2.90	2.99	3.1	2.93	2.99	3.08	3.2				
	HI PR	232	249	263	275	260	280	295	308	296	318	336	350	337	362	383	399	379	408	430	449	418	450	475	496				
	LO PR	114	122	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177				
1200	MBh	35.5	36.2	37.9	40.4	34.6	35.3	37.0	39.5	33.8	34.5	36.1	38.5	33.0	33.6	35.2	37.6	31.3	31.9	33.5	35.7	29.0	29.6	31.0	33.1				
	S/T	0.94	0.91	0.82	0.7	0.97	0.94	0.85	0.7	1.00	0.96	0.87	0.7	1.00	0.99	0.90	0.7	1.00	1.00	0.93	0.8	1.00	1.00	0.94	0.8				
	ΔT	26	25	24	21	26	25	24	21	26	25	24	21	25	26	24	21	24	24	24	21	22	23	22	19.3				
	KW	2.30	2.34	2.41	2.5	2.45	2.50	2.57	2.6	2.59	2.64	2.72	2.8	2.71	2.77	2.85	2.9	2.82	2.88	2.96	3.1	2.91	2.97	3.06	3.2				
	HI PR	229	247	261	272	257	277	292	305	293	315	333	347	333	359	379	395	375	404	426	444	414	446	471	491				
	LO PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175				
1050	MBh	32.7	33.4	34.9	37.3	32.0	32.6	34.1	36.4	31.2	31.8	33.3	35.6	30.5	31.0	32.5	34.7	28.9	29.5	30.9	33.0	26.8	27.3	28.6	30.5				
	S/T	0.91	0.87	0.79	0.6	0.94	0.91	0.82	0.7	0.96	0.93	0.84	0.7	0.99	0.96	0.86	0.7	1.00	0.99	0.90	0.7	1.00	1.00	0.91	0.7				
	ΔT	26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	25	26	24	21	23	24	23	19.6				
	KW	2.25	2.29	2.35	2.4	2.40	2.45	2.52	2.6	2.54	2.58	2.66	2.7	2.65	2.71	2.79	2.9	2.75	2.81	2.89	3.0	2.84	2.90	2.99	3.1				
	HI PR	222	239	253	264	250	269	284	296	284	305	323	336	323	348	367	383	364	391	413	431	402	432	457	476				
	LO PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170				

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Design Subcooling, 1.2±3 °F @ the liquid access fitting connection A1H1 95 test conditions. Design Superheat 8.3±3 °F @ the compressor suction access fitting connection.
 Shaded area reflects A1H1 conditions
 KW = Total system power
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)

IDB		OUTDOOR AMBIENT 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					
		ENTERING INDOOR WET BULB TEMPERATURE																												
		ENTERING INDOOR DRY BULB TEMPERATURE																												
70	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
	1800	MBh	45.6	47.2	51.7	-	44.5	46.1	50.5	-	43.4	45.0	49.3	-	42.4	43.9	48.1	-	40.3	41.7	45.7	-	40.3	41.7	45.7	-	37.3	38.7	42.4	-
	S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	
	KW	3.06	3.12	3.21	-	3.28	3.35	3.45	-	3.48	3.55	3.66	-	3.65	3.73	3.84	-	3.80	3.88	4.00	-	3.80	3.88	4.00	-	3.92	4.01	4.14	-	
	HI PR	234	252	266	-	262	282	298	-	298	321	339	-	340	366	386	-	382	411	434	-	382	411	434	-	422	454	480	-	
LO PR	111	118	129	-	117	125	136	-	122	129	141	-	128	136	148	-	134	143	156	-	134	143	156	-	139	147	161	-		
70	1600	MBh	44.2	45.9	50.2	-	43.2	44.8	49.1	-	42.2	43.7	47.9	-	41.2	42.7	46.7	-	39.1	40.5	44.4	-	39.1	40.5	44.4	-	36.2	37.5	41.1	-
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-	
	ΔT	18	16	12	-	18	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	
	KW	3.03	3.09	3.19	-	3.25	3.32	3.42	-	3.45	3.52	3.63	-	3.62	3.70	3.81	-	3.77	3.85	3.97	-	3.77	3.85	3.97	-	3.89	3.98	4.10	-	
	HI PR	231	249	263	-	260	279	295	-	295	318	336	-	336	362	382	-	378	407	430	-	378	407	430	-	418	450	475	-	
	LO PR	110	117	127	-	116	123	135	-	120	128	140	-	127	135	147	-	133	141	154	-	133	141	154	-	137	146	159	-	
70	1400	MBh	40.8	42.3	46.4	-	39.9	41.3	45.3	-	38.9	40.4	44.2	-	38.0	39.4	43.1	-	36.1	37.4	41.0	-	36.1	37.4	41.0	-	33.4	34.6	38.0	-
	S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-	
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	
	KW	2.96	3.02	3.11	-	3.18	3.24	3.34	-	3.37	3.44	3.54	-	3.53	3.61	3.72	-	3.68	3.75	3.87	-	3.68	3.75	3.87	-	3.80	3.88	4.00	-	
	HI PR	224	242	255	-	252	271	286	-	286	308	326	-	326	351	371	-	367	395	417	-	367	395	417	-	406	436	461	-	
	LO PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	129	137	149	-	133	142	155	-	
75	1800	MBh	46.3	47.7	51.6	55.4	45.3	46.6	50.4	54.1	44.2	45.5	49.2	52.8	43.1	44.4	48.0	51.6	41.0	42.2	45.6	49.0	41.0	42.2	45.6	49.0	37.9	39.1	42.3	45.4
	S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.97	0.87	0.66	0.42	0.98	0.88	0.67	0.43	
	ΔT	20	19	15	11	21	19	15	11	21	19	15	11	21	19	16	11	21	19	15	11	20	19	15	11	19	18	14	10	
	KW	3.08	3.14	3.24	3.33	3.30	3.37	3.48	3.58	3.50	3.58	3.69	3.80	3.68	3.76	3.87	4.00	3.83	3.91	4.03	4.16	3.83	3.91	4.03	4.16	3.96	4.04	4.17	4.31	
	HI PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	458	386	415	439	458	427	459	485	506	
	LO PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	135	144	157	167	140	149	163	173	
75	1600	MBh	45.0	46.3	50.1	53.8	43.9	45.2	49.0	52.6	42.9	44.2	47.8	51.3	41.9	43.1	46.6	50.1	39.8	40.9	44.3	47.6	39.8	40.9	44.3	47.6	36.8	37.9	41.0	44.0
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41	
	ΔT	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	21	20	16	11	20	18	15	10	
	KW	3.06	3.12	3.21	3.31	3.28	3.35	3.45	3.56	3.48	3.55	3.66	3.77	3.65	3.73	3.84	3.97	3.80	3.88	4.00	4.13	3.80	3.88	4.00	4.13	3.92	4.01	4.14	4.27	
	HI PR	234	252	266	277	262	282	298	311	298	321	339	354	340	366	386	403	382	411	434	453	382	411	434	453	422	454	480	501	
	LO PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	149	158	134	143	156	166	134	143	156	166	139	147	161	171	
75	1400	MBh	41.5	42.8	46.3	49.7	40.6	41.8	45.2	48.5	39.6	40.8	44.1	47.4	38.6	39.8	43.0	46.2	36.7	37.8	40.9	43.9	36.7	37.8	40.9	43.9	34.0	35.0	37.9	40.7
	S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39	
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	22	20	16	11	20	19	15	11	
	KW	2.99	3.05	3.14	3.23	3.20	3.27	3.37	3.47	3.39	3.46	3.57	3.68	3.56	3.64	3.75	3.87	3.71	3.78	3.90	4.03	3.71	3.78	3.90	4.03	3.83	3.91	4.04	4.17	
	HI PR	227	244	258	269	254	274	289	302	289	311	329	343	330	355	375	391	371	399	421	439	371	399	421	439	410	441	466	486	
	LO PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	130	138	151	161	134	143	156	166	

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.
 Shaded area reflects ACCA (TVA) conditions
 Amperage: Unit amps (comp.+ evaporator + condenser fan motors)
 KW = Total system power

IDB		OUTDOOR AMBIENT 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
		ENTERING INDOOR WET BULB TEMPERATURE																							
1800	MBh	47.2	48.2	51.5	55.0	46.1	47.1	50.3	53.8	45.0	46.0	49.1	52.5	43.9	44.8	47.9	51.2	41.7	42.6	45.5	48.6	38.6	39.5	42.1	45.1
	S/T	0.94	0.88	0.72	0.5	1.00	0.91	0.74	0.6	1.00	0.94	0.76	0.6	1.00	0.97	0.79	0.6	1.00	1.00	0.82	0.6	1.00	1.00	0.82	0.6
	ΔT	23	22	19	15	24	22	19	15	23	22	19	15	22	22	19	15	21	22	19	15	20	20	18	14.2
	KW	3.10	3.17	3.26	3.4	3.33	3.40	3.50	3.6	3.53	3.60	3.72	3.8	3.71	3.79	3.91	4.0	3.86	3.94	4.07	4.2	3.99	4.07	4.21	4.3
	HI PR	238	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511
	LO PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175
80	MBh	45.8	46.8	50.0	53.4	44.7	45.7	48.8	52.2	43.7	44.6	47.7	51.0	42.6	43.5	46.5	49.7	40.5	41.3	44.2	47.2	37.5	38.3	40.9	43.7
	S/T	0.90	0.84	0.68	0.5	0.93	0.87	0.71	0.5	0.95	0.89	0.73	0.5	0.98	0.92	0.75	0.6	1.00	0.96	0.78	0.6	1.00	0.96	0.78	0.6
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	21	18	14.7
	KW	3.08	3.14	3.24	3.3	3.30	3.37	3.48	3.6	3.50	3.58	3.69	3.8	3.68	3.76	3.88	4.0	3.83	3.91	4.03	4.2	3.96	4.04	4.17	4.3
	HI PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	458	427	459	485	506
	LO PR	112	119	130	139	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173
1400	MBh	42.3	43.2	46.1	49.3	41.3	42.2	45.1	48.2	40.3	41.2	44.0	47.0	39.3	40.2	42.9	45.9	37.3	38.2	40.8	43.6	34.6	35.4	37.8	40.4
	S/T	0.86	0.81	0.66	0.5	0.90	0.84	0.68	0.5	0.92	0.86	0.70	0.5	0.95	0.89	0.72	0.5	0.98	0.92	0.75	0.6	0.99	0.93	0.76	0.6
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	19	15.0
	KW	3.01	3.07	3.16	3.3	3.23	3.29	3.39	3.5	3.42	3.49	3.60	3.7	3.59	3.67	3.78	3.9	3.74	3.81	3.94	4.1	3.86	3.94	4.07	4.2
	HI PR	229	246	260	271	257	277	292	305	292	315	332	346	333	358	378	395	375	403	426	444	414	445	470	490
	LO PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	152	162	136	144	158	168

1800	MBh	48.0	48.9	51.2	54.7	46.9	47.8	50.0	53.4	45.8	46.6	48.8	52.1	44.6	45.5	47.7	50.8	42.4	43.2	45.3	48.3	39.3	40.0	41.9	44.7
	S/T	0.98	0.95	0.86	0.7	1.00	0.98	0.89	0.7	1.00	1.00	0.91	0.7	1.00	1.00	0.94	0.8	1.00	1.00	0.98	0.8	1.00	1.00	0.98	0.8
	ΔT	24	24	22	19	24	24	23	20	23	24	23	20	23	23	23	20	22	22	23	20	20	20	21	18.2
	KW	3.13	3.19	3.29	3.4	3.36	3.42	3.53	3.6	3.56	3.63	3.75	3.9	3.74	3.82	3.94	4.1	3.89	3.97	4.10	4.2	4.02	4.11	4.24	4.4
	HI PR	241	259	274	285	270	291	307	320	307	331	349	364	350	377	398	415	394	424	448	467	435	468	495	516
	LO PR	114	122	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177
85	MBh	46.6	47.5	49.7	53.1	45.5	46.4	48.6	51.8	44.4	45.3	47.4	50.6	43.3	44.2	46.3	49.4	41.2	42.0	44.0	46.9	38.1	38.9	40.7	43.4
	S/T	0.94	0.91	0.82	0.7	0.97	0.94	0.85	0.7	1.00	0.96	0.87	0.7	1.00	0.99	0.90	0.7	1.00	1.00	0.93	0.8	1.00	1.00	0.94	0.8
	ΔT	25	25	23	20	25	25	24	20	25	25	24	20	25	25	24	21	24	24	24	20	22	22	22	19.0
	KW	3.10	3.17	3.26	3.4	3.33	3.40	3.50	3.6	3.53	3.60	3.72	3.8	3.71	3.79	3.91	4.0	3.86	3.94	4.07	4.2	3.99	4.07	4.21	4.3
	HI PR	238	257	271	283	268	288	304	317	304	328	346	361	347	373	394	411	390	420	443	462	431	464	490	511
	LO PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175
1400	MBh	43.0	43.8	45.9	49.0	42.0	42.8	44.8	47.8	41.0	41.8	43.8	46.7	40.0	40.8	42.7	45.6	38.0	38.7	40.6	43.3	35.2	35.9	37.6	40.1
	S/T	0.91	0.87	0.79	0.6	0.94	0.91	0.82	0.7	0.96	0.93	0.84	0.7	0.99	0.96	0.86	0.7	1.00	0.99	0.90	0.7	1.00	1.00	0.91	0.7
	ΔT	26	25	24	21	26	25	24	21	26	25	24	21	26	26	24	21	25	25	24	21	23	24	22	19.3
	KW	3.03	3.09	3.19	3.3	3.25	3.32	3.42	3.5	3.45	3.52	3.63	3.7	3.62	3.70	3.81	3.9	3.77	3.85	3.97	4.1	3.89	3.97	4.10	4.2
	HI PR	231	249	263	274	260	279	295	308	295	318	335	350	336	362	382	399	378	407	430	448	418	450	475	495
	LO PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Design Subcooling, 12±3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.
 Shaded area reflects AHRI conditions
 Amperage: Unit amps (comp.+ evaporator + condenser fan motors)
 KW = Total system power

IDB		OUTDOOR AMBIENT 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				
		ENTERING INDOOR WET BULB TEMPERATURE																											
70	AIRFLOW	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
	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	-	51.5	53.4	58.5	-	47.7	49.5	54.2	-
	S/T	0.65	0.55	0.38	-	0.68	0.57	0.39	-	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.74	0.62	0.43	-	0.75	0.63	0.43	-
	ΔT	15	13	10	-	15	13	10	-	15	13	10	-	16	13	10	-	15	13	10	-	15	13	10	-	14	12	9	-
	KW	3.94	4.01	4.13	-	4.21	4.30	4.43	-	4.46	4.55	4.69	-	4.68	4.77	4.92	-	4.86	4.96	5.12	-	4.86	4.96	5.12	-	5.02	5.13	5.29	-
HI PR	246	264	279	-	276	297	313	-	314	337	356	-	357	384	406	-	402	432	457	-	402	432	457	-	444	478	504	-	
LO PR	111	118	129	-	117	125	136	-	122	129	141	-	128	136	148	-	134	143	156	-	134	143	156	-	139	147	161	-	
2000	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	-	50.0	51.8	56.8	-	46.3	48.0	52.6	-
	S/T	0.62	0.52	0.36	-	0.65	0.54	0.37	-	0.66	0.55	0.38	-	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.71	0.59	0.41	-	0.71	0.60	0.41	-
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	17	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-
	KW	3.91	3.98	4.10	-	4.18	4.27	4.39	-	4.43	4.52	4.65	-	4.64	4.74	4.88	-	4.82	4.92	5.08	-	4.82	4.92	5.08	-	4.98	5.09	5.25	-
	HI PR	243	262	276	-	273	294	310	-	310	334	353	-	354	381	402	-	398	428	452	-	398	428	452	-	440	473	499	-
LO PR	110	117	127	-	116	123	135	-	120	128	140	-	127	135	147	-	133	141	154	-	133	141	154	-	137	146	159	-	
1700	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	-	46.2	47.9	52.4	-	42.8	44.3	48.6	-
	S/T	0.60	0.50	0.35	-	0.62	0.52	0.36	-	0.64	0.53	0.37	-	0.66	0.55	0.38	-	0.68	0.57	0.40	-	0.68	0.57	0.40	-	0.69	0.58	0.40	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
	KW	3.82	3.90	4.01	-	4.09	4.17	4.29	-	4.33	4.41	4.54	-	4.53	4.63	4.77	-	4.71	4.81	4.96	-	4.71	4.81	4.96	-	4.86	4.97	5.12	-
	HI PR	236	254	268	-	265	285	301	-	301	324	342	-	343	369	390	-	386	415	438	-	386	415	438	-	426	459	484	-
LO PR	106	113	124	-	112	120	131	-	117	124	136	-	123	131	143	-	129	137	149	-	129	137	149	-	133	142	155	-	

2300	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	52.4	53.9	58.4	62.7	48.5	50.0	54.1	58.1
	S/T	0.74	0.66	0.50	0.32	0.77	0.69	0.52	0.33	0.79	0.71	0.53	0.34	0.81	0.73	0.55	0.35	0.84	0.76	0.57	0.37	0.85	0.76	0.58	0.37
	ΔT	18	16	13	9	18	16	13	9	18	16	13	9	18	17	14	9	18	16	13	9	17	15	12	9
	KW	3.96	4.04	4.16	4.28	4.25	4.33	4.46	4.60	4.49	4.59	4.73	4.87	4.71	4.81	4.96	5.12	4.90	5.00	5.16	5.32	5.06	5.17	5.33	5.50
	HI PR	248	267	282	294	279	300	316	330	317	341	360	375	361	388	410	428	406	437	461	481	448	483	510	531
LO PR	112	119	130	138	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173	
2000	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	47.1	48.5	52.5	56.4
	S/T	0.71	0.63	0.48	0.31	0.73	0.66	0.50	0.32	0.75	0.67	0.51	0.33	0.78	0.69	0.53	0.34	0.81	0.72	0.55	0.35	0.81	0.73	0.55	0.35
	ΔT	19	17	14	10	19	17	14	10	19	17	14	10	19	18	14	10	19	17	14	10	18	16	13	9
	KW	3.94	4.01	4.13	4.25	4.21	4.30	4.43	4.56	4.46	4.55	4.69	4.83	4.68	4.77	4.92	5.08	4.86	4.96	5.12	5.28	5.02	5.13	5.29	5.46
	HI PR	246	264	279	291	276	297	313	327	314	337	356	372	357	384	406	423	402	432	457	476	444	478	505	526
LO PR	111	118	129	137	117	125	136	145	122	129	141	151	128	136	149	158	134	143	156	166	139	147	161	171	
1700	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	43.5	44.8	48.5	52.0
	S/T	0.68	0.61	0.46	0.30	0.71	0.63	0.48	0.31	0.73	0.65	0.49	0.32	0.75	0.67	0.51	0.33	0.78	0.69	0.53	0.34	0.78	0.70	0.53	0.34
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10
	KW	3.85	3.92	4.04	4.16	4.12	4.20	4.33	4.46	4.36	4.45	4.58	4.72	4.57	4.66	4.81	4.95	4.75	4.85	5.00	5.15	4.90	5.01	5.16	5.32
	HI PR	238	257	271	283	267	288	304	317	304	327	346	361	346	373	394	411	390	419	443	462	431	463	489	510
LO PR	108	114	125	133	114	121	132	141	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166	

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Design Subcooling, 1.2±3 °F @ the liquid access fitting connection A1H1 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.
 Shaded area reflects ACCA (TVA) conditions
 KW = Total system power
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)

IDB		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
2300	MBh	60.3	61.7	65.9	70.4	58.9	60.2	64.3	68.8	57.5	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	0.81	0.76	0.62	0.5	0.84	0.79	0.64	0.5	0.86	0.81	0.66	0.5	0.89	0.84	0.68	0.5	0.93	0.87	0.71	0.5	0.93	0.88	0.71	0.5
	ΔT	20	19	16	13	20	19	17	13	20	19	17	13	20	19	17	13	20	19	16	13	18	18	15	12.3
	KW	3.99	4.07	4.19	4.3	4.28	4.36	4.49	4.6	4.53	4.62	4.76	4.9	4.75	4.85	5.00	5.2	4.94	5.04	5.20	5.4	5.10	5.21	5.37	5.5
	HI PR	251	270	285	297	281	303	320	333	320	344	364	379	364	392	414	432	410	441	466	486	453	487	515	537
	LO PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175
2000	MBh	58.6	59.9	64.0	68.4	57.2	58.5	62.5	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	0.78	0.73	0.59	0.4	0.80	0.75	0.61	0.5	0.82	0.77	0.63	0.5	0.85	0.80	0.65	0.5	0.88	0.83	0.67	0.5	0.89	0.84	0.68	0.5
	ΔT	21	20	17	14	21	20	18	14	21	20	18	14	21	20	18	14	21	20	18	14	20	19	16	13.1
	KW	3.97	4.04	4.16	4.3	4.25	4.33	4.46	4.6	4.50	4.59	4.73	4.9	4.71	4.81	4.96	5.1	4.90	5.00	5.16	5.3	5.06	5.17	5.33	5.5
	HI PR	248	267	282	294	279	300	317	330	317	341	360	375	361	388	410	428	406	437	461	481	448	483	510	532
	LO PR	112	119	130	139	118	126	137	146	123	131	143	152	129	137	150	160	135	144	157	167	140	149	163	173
1700	MBh	54.1	55.3	59.0	63.1	52.8	54.0	57.7	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	0.75	0.70	0.57	0.4	0.78	0.73	0.59	0.4	0.80	0.75	0.61	0.5	0.82	0.77	0.63	0.5	0.85	0.80	0.65	0.5	0.86	0.81	0.66	0.5
	ΔT	22	21	18	15	22	21	18	15	22	21	18	15	22	21	19	15	22	21	18	15	21	20	17	13.7
	KW	3.88	3.95	4.07	4.2	4.15	4.23	4.36	4.5	4.39	4.48	4.62	4.8	4.60	4.70	4.84	5.0	4.79	4.88	5.04	5.2	4.94	5.04	5.20	5.4
	HI PR	241	259	274	285	270	291	307	320	307	331	349	364	350	377	398	415	394	424	447	467	435	468	494	516
	LO PR	109	116	126	134	115	122	133	142	119	127	139	148	125	133	146	155	131	140	152	162	136	144	158	168

2300	MBh	61.4	62.6	65.6	69.9	60.0	61.1	64.0	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	0.85	0.82	0.74	0.6	0.88	0.85	0.77	0.6	0.91	0.88	0.79	0.6	0.94	0.90	0.82	0.7	0.97	0.94	0.85	0.7	0.98	0.95	0.85	0.7
	ΔT	21	21	19	17	21	21	20	17	21	21	20	17	21	21	20	17	21	21	20	17	20	19	18	15.8
	KW	4.02	4.10	4.22	4.3	4.31	4.40	4.53	4.7	4.56	4.66	4.80	4.9	4.79	4.89	5.04	5.2	4.98	5.08	5.24	5.4	5.14	5.25	5.42	5.6
	HI PR	253	272	288	300	284	306	323	337	323	348	367	383	368	396	418	436	414	446	471	491	457	492	520	542
	LO PR	114	122	133	141	121	128	140	149	125	133	146	155	132	140	153	163	138	147	160	171	143	152	166	177
2000	MBh	59.6	60.8	63.6	67.9	58.2	59.4	62.2	66.3	56.8	57.9	60.7	64.7	55.5	56.5	59.2	63.2	52.7	53.7	56.2	60.0	48.8	49.7	52.1	55.6
	S/T	0.81	0.79	0.71	0.6	0.84	0.81	0.73	0.6	0.86	0.83	0.75	0.6	0.89	0.86	0.78	0.6	0.93	0.89	0.81	0.7	0.93	0.90	0.81	0.7
	ΔT	22	22	21	18	23	22	21	18	23	22	21	18	23	22	21	18	22	22	21	18	21	21	19	16.9
	KW	3.99	4.07	4.19	4.3	4.28	4.36	4.49	4.6	4.53	4.62	4.76	4.9	4.75	4.85	5.00	5.2	4.94	5.04	5.20	5.4	5.10	5.21	5.37	5.5
	HI PR	251	270	285	297	281	303	320	333	320	344	364	379	364	392	414	432	410	441	466	486	453	487	515	537
	LO PR	113	120	131	140	119	127	139	148	124	132	144	154	130	139	152	161	137	145	159	169	141	150	164	175
1700	MBh	55.0	56.1	58.7	62.7	53.7	54.8	57.4	61.2	52.5	53.5	56.0	59.8	51.2	52.2	54.6	58.3	48.6	49.6	51.9	55.4	45.0	45.9	48.1	51.3
	S/T	0.78	0.76	0.68	0.6	0.81	0.78	0.71	0.6	0.83	0.80	0.73	0.6	0.86	0.83	0.75	0.6	0.89	0.86	0.78	0.6	0.90	0.87	0.78	0.6
	ΔT	23	23	22	19	24	23	22	19	24	23	22	19	24	23	22	19	23	23	22	19	22	22	20	17.7
	KW	3.91	3.98	4.10	4.2	4.18	4.27	4.39	4.5	4.43	4.52	4.65	4.8	4.64	4.74	4.88	5.0	4.82	4.92	5.08	5.2	4.98	5.08	5.24	5.4
	HI PR	243	262	276	288	273	294	310	323	310	334	353	368	353	380	402	419	398	428	452	471	439	473	499	521
	LO PR	110	117	127	136	116	123	135	143	120	128	140	149	127	135	147	157	133	141	154	164	137	146	159	170

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Design Subcooling, 1.2±0.3 °F @ the liquid access fitting connection / AHR1 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.
 Shaded area reflects AHR1 conditions
 Amperage: Unit amps (comp.+ evaporator + condenser fan motors)
 KW = Total system power

IDB		OUTDOOR AMBIENT TEMPERATURE												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	1347	MBh	34.3	35.6	39.0	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.9	33.1	36.2	-	30.3	31.4	34.4	-	28.1	29.1	31.9	-
		S/T	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.86	0.71	0.50	-	0.88	0.74	0.51	-	0.92	0.77	0.53	-	0.92	0.77	0.53	-
		Delta T	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		KW	2.09	2.13	2.19	-	2.24	2.29	2.36	-	2.38	2.43	2.50	-	2.49	2.55	2.63	-	2.60	2.65	2.74	-	2.68	2.74	2.83	-
		AMPS	7.6	7.7	7.9	-	8.1	8.2	8.4	-	8.6	8.8	9.0	-	9.1	9.3	9.5	-	9.6	9.8	10.0	-	10.0	10.2	10.5	-
	HI PR	219	235	249	-	245	264	279	-	279	300	317	-	318	342	361	-	358	385	406	-	395	425	449	-	
	LO PR	117	124	136	-	123	131	143	-	128	136	149	-	135	143	156	-	141	150	164	-	146	155	170	-	
	1200	MBh	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.8	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-
		S/T	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.82	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.51	-	0.88	0.74	0.51	-
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
KW		2.07	2.11	2.18	-	2.22	2.27	2.34	-	2.36	2.41	2.48	-	2.48	2.53	2.61	-	2.58	2.63	2.71	-	2.66	2.72	2.81	-	
AMPS		7.5	7.7	7.9	-	8.0	8.2	8.4	-	8.5	8.7	8.9	-	9.0	9.2	9.5	-	9.5	9.7	10.0	-	10.0	10.2	10.5	-	
HI PR	217	233	246	-	243	262	276	-	276	297	314	-	315	339	358	-	354	381	402	-	391	421	445	-		
LO PR	116	123	134	-	122	130	142	-	127	135	147	-	133	142	155	-	140	149	162	-	145	154	168	-		
1062	MBh	31.6	32.8	35.9	-	30.9	32.0	35.1	-	30.2	31.3	34.3	-	29.4	30.5	33.4	-	28.0	29.0	31.7	-	25.9	26.8	29.4	-	
	S/T	0.74	0.61	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.48	-	0.84	0.71	0.49	-	
	Delta T	20	17	13	-	20	18	13	-	20	18	13	-	21	18	14	-	20	18	13	-	19	16	12	-	
	KW	2.04	2.08	2.14	-	2.19	2.23	2.30	-	2.32	2.37	2.44	-	2.44	2.49	2.57	-	2.53	2.59	2.67	-	2.62	2.67	2.76	-	
	AMPS	7.4	7.6	7.7	-	7.9	8.0	8.2	-	8.4	8.6	8.8	-	8.9	9.1	9.3	-	9.3	9.5	9.8	-	9.8	10.0	10.3	-	
HI PR	212	228	241	-	238	256	271	-	271	291	308	-	308	332	351	-	347	373	394	-	383	413	436	-		
LO PR	113	121	132	-	120	127	139	-	124	132	144	-	131	139	152	-	137	146	159	-	142	151	164	-		
75	1347	MBh	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.8	33.3	34.2	37.1	39.8	32.4	33.4	36.2	38.8	30.8	31.7	34.4	36.9	28.6	29.4	31.8	34.2
		S/T	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.97	0.87	0.66	0.42	1.00	0.90	0.68	0.44	1.00	0.93	0.71	0.45	1.00	0.94	0.71	0.46
		Delta T	22	20	16	11	22	20	17	11	22	20	17	12	22	20	17	12	21	20	17	11	19	19	15	11
		KW	2.10	2.15	2.21	2.28	2.26	2.31	2.38	2.45	2.40	2.45	2.52	2.60	2.52	2.57	2.65	2.74	2.62	2.67	2.76	2.85	2.71	2.76	2.85	2.95
		AMPS	7.6	7.8	8.0	8.2	8.1	8.3	8.5	8.7	8.7	8.8	9.1	9.4	9.2	9.3	9.6	9.9	9.6	9.8	10.1	10.4	10.1	10.3	10.6	11.0
	HI PR	221	238	251	262	248	267	282	294	282	303	320	334	321	346	365	381	361	389	411	428	399	430	454	473	
	LO PR	118	125	137	146	125	133	145	154	129	138	150	160	136	145	158	168	143	152	166	176	147	157	171	182	
	1200	MBh	33.9	34.9	37.7	40.5	33.1	34.1	36.9	39.6	32.3	33.2	36.0	38.6	31.5	32.4	35.1	37.7	29.9	30.8	33.4	35.8	27.7	28.5	30.9	33.2
		S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.90	0.68	0.44
		Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
KW		2.09	2.13	2.19	2.26	2.24	2.29	2.36	2.43	2.38	2.43	2.50	2.58	2.50	2.55	2.63	2.71	2.60	2.65	2.74	2.83	2.68	2.74	2.83	2.92	
AMPS		7.6	7.7	7.9	8.2	8.1	8.2	8.4	8.7	8.6	8.8	9.0	9.3	9.1	9.3	9.5	9.8	9.6	9.8	10.0	10.4	10.0	10.2	10.5	10.9	
HI PR	219	235	249	259	245	264	279	291	279	300	317	331	318	342	361	377	358	385	407	424	395	425	449	468		
LO PR	117	124	136	144	123	131	143	153	128	136	149	159	135	143	156	167	141	150	164	175	146	155	170	181		
1062	MBh	32.2	33.1	35.9	38.5	31.4	32.4	35.0	37.6	30.7	31.6	34.2	36.7	29.9	30.8	33.4	35.8	28.4	29.3	31.7	34.0	26.3	27.1	29.4	31.5	
	S/T	0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.96	0.86	0.65	0.42	
	Delta T	23	21	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17	11	
	KW	2.06	2.10	2.16	2.23	2.21	2.25	2.32	2.39	2.34	2.39	2.46	2.54	2.46	2.51	2.59	2.67	2.55	2.61	2.69	2.78	2.64	2.70	2.78	2.87	
	AMPS	7.5	7.6	7.8	8.0	7.9	8.1	8.3	8.6	8.5	8.6	8.9	9.2	9.0	9.1	9.4	9.7	9.4	9.6	9.9	10.2	9.9	10.1	10.4	10.7	
HI PR	214	231	244	254	241	259	273	285	274	294	311	324	312	335	354	369	351	377	398	416	387	417	440	459		
LO PR	114	122	133	142	121	129	140	150	126	134	146	155	132	140	153	163	138	147	161	171	143	152	166	177		

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Design Subcooling, 12±3 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.
 Shaded area reflects ACCA (TVA) conditions
 kW = Total system power
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)

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
80	Mbh	35.5	36.3	38.8	41.4	34.7	35.4	37.9	40.5	33.9	34.6	37.0	39.5	33.0	33.7	36.1	38.5	31.4	32.1	34.3	36.6	29.1	29.7	31.7	33.9
	S/T	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.84	0.63	1.00	1.00	0.87	0.65	1.00	1.00	0.88	0.66
	Delta T	24	23	20	16	24	24	21	16	23	24	21	16	23	23	21	17	21	22	20	16	20	20	19	15
	KW	2.12	2.16	2.23	2.30	2.28	2.32	2.40	2.47	2.41	2.46	2.54	2.62	2.54	2.59	2.67	2.76	2.64	2.70	2.78	2.87	2.73	2.79	2.88	2.97
	AMPS	7.7	7.8	8.0	8.3	8.2	8.3	8.6	8.8	8.7	8.9	9.2	9.4	9.2	9.4	9.7	10.0	9.7	9.9	10.2	10.5	10.2	10.4	10.7	11.1
	HI PR	223	240	254	265	250	270	285	297	285	307	324	338	324	349	369	385	365	393	415	433	403	434	458	478
	LO PR	119	127	138	147	126	134	146	156	131	139	152	162	137	146	160	170	144	153	167	178	149	158	173	184
1062	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	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.95	0.78	0.58	1.00	0.98	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.84	0.63
	Delta T	25	24	21	17	26	25	21	17	25	25	21	17	25	25	22	17	23	24	21	17	22	22	20	16
	KW	2.10	2.15	2.21	2.28	2.26	2.31	2.38	2.45	2.40	2.45	2.52	2.60	2.52	2.57	2.65	2.74	2.62	2.67	2.76	2.85	2.71	2.76	2.85	2.95
	AMPS	7.6	7.8	8.0	8.2	8.1	8.3	8.5	8.7	8.7	8.8	9.1	9.4	9.2	9.3	9.6	9.9	9.6	9.8	10.1	10.4	10.1	10.3	10.6	11.0
	HI PR	221	238	251	262	248	267	282	294	282	303	320	334	321	346	365	381	361	389	411	428	399	430	454	473
	LO PR	118	125	137	146	125	133	145	154	130	138	150	160	136	145	158	168	143	152	166	176	147	157	171	182
1347	Mbh	32.7	33.5	35.7	38.2	32.0	32.7	34.9	37.3	31.2	31.9	34.1	36.4	30.5	31.1	33.3	35.5	28.9	29.6	31.6	33.8	26.8	27.4	29.3	31.3
	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.97	0.91	0.74	0.56	1.01	0.94	0.77	0.57	1.04	0.98	0.80	0.60	1.00	0.99	0.80	0.60
	Delta T	26	25	22	17	26	25	22	18	26	25	22	18	27	25	22	18	26	25	22	17	23	23	20	16
	KW	2.07	2.11	2.18	2.24	2.22	2.27	2.34	2.41	2.36	2.41	2.48	2.56	2.48	2.53	2.61	2.69	2.58	2.63	2.71	2.80	2.66	2.72	2.81	2.90
	AMPS	7.5	7.7	7.9	8.1	8.0	8.2	8.4	8.6	8.5	8.7	8.9	9.2	9.0	9.2	9.5	9.7	9.5	9.7	10.0	10.3	10.0	10.2	10.5	10.8
	HI PR	217	233	246	257	243	262	276	288	276	297	314	328	315	339	358	373	354	381	402	420	391	421	445	464
	LO PR	116	123	134	143	122	130	142	151	127	135	147	157	133	142	155	165	140	149	162	173	145	154	168	179
85	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	34.3	35.9	38.3	31.9	32.5	34.1	36.4	29.6	30.1	31.6	33.7
	S/T	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.97	0.79	1.00	1.00	1.00	0.82	1.00	1.00	0.85	0.65	1.00	1.00	1.00	0.85
	Delta T	25	25	24	21	24	25	24	21	24	24	24	21	23	23	24	21	22	22	23	21	20	21	22	20
	KW	2.14	2.18	2.25	2.32	2.29	2.34	2.41	2.49	2.43	2.48	2.56	2.64	2.56	2.61	2.69	2.78	2.66	2.72	2.80	2.90	2.75	2.81	2.90	3.00
	AMPS	7.7	7.9	8.1	8.3	8.2	8.4	8.6	8.9	8.8	9.0	9.2	9.5	9.3	9.5	9.7	10.1	9.8	10.0	10.3	10.6	10.3	10.5	10.8	11.1
	HI PR	225	243	256	267	253	272	287	300	288	310	327	341	328	353	372	388	369	397	419	437	407	438	463	483
	LO PR	120	128	140	149	127	135	148	157	132	141	153	163	139	148	161	172	145	155	169	180	150	160	175	186
1062	Mbh	35.1	35.8	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	30.7	32.7
	S/T	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.81	0.61	1.00	1.00	1.00	0.81
	Delta T	27	27	25	22	26	27	25	22	26	26	25	22	25	25	26	22	24	24	25	22	22	22	23	20
	KW	2.12	2.16	2.23	2.30	2.28	2.32	2.40	2.47	2.41	2.46	2.54	2.62	2.54	2.59	2.67	2.76	2.64	2.70	2.78	2.87	2.73	2.79	2.88	2.97
	AMPS	7.7	7.8	8.0	8.3	8.2	8.3	8.6	8.8	8.7	8.9	9.2	9.4	9.2	9.4	9.7	10.0	9.7	9.9	10.2	10.5	10.2	10.4	10.7	11.1
	HI PR	223	240	254	265	250	270	285	297	285	307	324	338	324	349	369	385	365	393	415	433	403	434	458	478
	LO PR	119	127	138	147	126	134	146	156	131	139	152	162	137	146	160	170	144	153	167	178	149	158	173	184

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Design Subcooling, 121.3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 81.3 °F @ the compressor suction access fitting connection.
 Shaded area reflects AHRI conditions
 kW = Total system power
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)

IDB		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	1796	Mbh	46.8	48.6	53.2	-	45.8	47.4	52.0	-	44.7	46.3	50.7	-	43.6	45.2	49.5	-	41.4	42.9	47.0	-	38.3	39.7	43.5	-	
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	
		Delta T	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	
	1600	KW	2.94	3.00	3.09	-	3.16	3.23	3.33	-	3.36	3.43	3.54	-	3.53	3.61	3.73	-	3.68	3.76	3.89	-	3.81	3.89	4.02	-	
		AMPS	9.3	9.4	9.7	-	9.8	10.0	10.3	-	10.5	10.7	11.0	-	11.1	11.4	11.7	-	11.7	12.0	12.3	-	12.3	12.6	12.9	-	
		HI PR	238	256	270	-	267	287	303	-	304	327	345	-	346	372	393	-	389	419	442	-	430	463	488	-	
	1416	LO PR	112	119	130	-	119	126	138	-	123	131	143	-	130	138	150	-	136	144	158	-	140	149	163	-	
		Mbh	45.5	47.1	51.6	-	44.4	46.0	50.4	-	43.4	44.9	49.2	-	42.3	43.9	48.0	-	40.2	41.7	45.6	-	37.2	38.6	42.3	-	
		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	-	
	75	1796	Delta T	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
			KW	2.92	2.98	3.07	-	3.14	3.20	3.31	-	3.33	3.41	3.51	-	3.51	3.58	3.70	-	3.65	3.73	3.85	-	3.78	3.86	3.99	-
			AMPS	9.2	9.4	9.6	-	9.8	10.0	10.2	-	10.5	10.7	11.0	-	11.0	11.3	11.6	-	11.6	11.9	12.2	-	12.2	12.5	12.8	-
1600		HI PR	236	253	268	-	264	284	300	-	301	323	342	-	342	368	389	-	385	414	438	-	426	458	484	-	
		LO PR	111	118	129	-	117	125	136	-	122	130	142	-	128	136	149	-	134	143	156	-	139	148	161	-	
		Mbh	43.2	44.8	49.1	-	42.2	43.7	47.9	-	41.2	42.7	46.8	-	40.2	41.7	45.6	-	38.2	39.6	43.4	-	35.4	36.7	40.2	-	
1416		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	
		Delta T	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	
		KW	2.87	2.93	3.02	-	3.09	3.15	3.25	-	3.28	3.35	3.46	-	3.45	3.52	3.64	-	3.59	3.67	3.79	-	3.72	3.80	3.92	-	
75		1796	AMPS	9.1	9.2	9.5	-	9.6	9.8	10.1	-	10.3	10.5	10.8	-	10.9	11.1	11.4	-	11.5	11.7	12.0	-	12.0	12.3	12.6	-
			HI PR	231	248	262	-	259	279	294	-	295	317	335	-	336	361	381	-	377	406	429	-	417	449	474	-
			LO PR	109	116	127	-	115	122	134	-	120	127	139	-	126	134	146	-	132	140	153	-	136	145	158	-
	1600	Mbh	47.6	49.1	53.1	57.0	46.5	47.9	51.9	55.7	45.4	46.8	50.6	54.3	44.3	45.6	49.4	53.0	42.1	43.3	46.9	50.4	39.0	40.2	43.5	46.6	
		S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43	
		Delta T	21	19	16	11	21	20	16	11	21	20	16	11	22	20	16	11	22	20	16	11	20	18	15	10	
	1416	KW	2.96	3.03	3.12	3.22	3.19	3.26	3.36	3.47	3.39	3.46	3.57	3.69	3.56	3.64	3.76	3.89	3.71	3.80	3.92	4.05	3.84	3.93	4.06	4.19	
		AMPS	9.3	9.5	9.7	10.0	9.9	10.1	10.4	10.7	10.6	10.8	11.1	11.5	11.2	11.4	11.8	12.1	11.8	12.1	12.4	12.8	12.4	12.7	13.0	13.5	
		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	
	1600	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	46.3	47.6	51.5	55.3	45.2	46.5	50.3	54.0	44.1	45.4	49.1	52.8	43.0	44.3	48.0	51.5	40.9	42.1	45.6	48.9	37.9	39.0	42.2	45.3	
		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	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41	
1416	Delta T	22	20	17	11	22	21	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11		
	KW	2.94	3.00	3.10	3.19	3.16	3.23	3.33	3.44	3.36	3.43	3.54	3.66	3.53	3.61	3.73	3.85	3.68	3.76	3.89	4.02	3.81	3.89	4.02	4.16		
	AMPS	9.3	9.4	9.7	10.0	9.9	10.0	10.3	10.6	10.5	10.8	11.0	11.4	11.1	11.4	11.7	12.0	11.7	12.0	12.3	12.7	12.3	12.6	12.9	13.4		
1600	HI PR	238	256	270	282	267	287	303	316	304	327	345	360	346	372	393	410	389	419	442	461	430	463	489	510		
	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	43.9	45.2	49.0	52.6	42.9	44.2	47.8	51.3	41.9	43.1	46.7	50.1	40.9	42.1	45.6	48.9	38.8	40.0	43.3	46.4	36.0	37.0	40.1	43.0		
1416	S/T	0.79	0.71	0.54	0.35	0.82	0.73	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40		
	Delta T	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11		
	KW	2.89	2.95	3.05	3.14	3.11	3.18	3.28	3.39	3.31	3.38	3.49	3.60	3.48	3.55	3.67	3.79	3.62	3.70	3.82	3.95	3.75	3.83	3.96	4.09		
1600	AMPS	9.1	9.3	9.5	9.8	9.7	9.9	10.2	10.5	10.4	10.6	10.9	11.2	11.0	11.2	11.5	11.9	11.5	11.8	12.1	12.5	12.1	12.4	12.7	13.1		
	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	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.
 Design Subcooling, 12±3 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.
 Shaded area reflects ACCA (TVA) conditions
 kW = Total system power
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)

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	
80	1796	MBh	48.5	49.5	52.9	56.6	47.4	48.4	51.7	55.3	46.2	47.2	50.5	54.0	45.1	46.1	49.2	52.6	42.8	43.8	46.8	50.0	39.7	40.6	43.3	46.3
		S/T	0.95	0.89	0.73	0.54	1.00	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
	Delta T	24	23	20	16	24	23	20	16	24	23	20	16	23	24	20	16	22	22	22	20	16	20	21	19	15
	KW	2.99	3.05	3.15	3.25	3.21	3.28	3.39	3.50	3.42	3.49	3.60	3.72	3.59	3.67	3.79	3.92	3.74	3.83	3.95	4.09	3.87	3.96	4.09	4.23	
	AMPS	9.4	9.6	9.8	10.1	10.0	10.2	10.5	10.8	10.7	10.9	11.2	11.6	11.3	11.5	11.9	12.2	11.9	12.2	12.5	12.9	12.5	12.8	13.1	13.6	
	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	115	122	133	142	121	129	141	150	126	134	146	156	132	141	154	163	139	147	161	171	143	152	166	177	
	MBh	47.1	48.1	51.4	54.9	46.0	47.0	50.2	53.7	44.9	45.9	49.0	52.4	43.8	44.7	47.8	51.1	41.6	42.5	45.4	48.6	38.5	39.4	42.1	45.0	
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	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	0.98	0.80	0.59	
	Delta T	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	16	22	22	22	19	15
KW	2.96	3.03	3.12	3.22	3.19	3.26	3.36	3.47	3.39	3.46	3.57	3.69	3.56	3.64	3.76	3.89	3.71	3.80	3.92	4.05	3.84	3.93	4.06	4.19		
AMPS	9.3	9.5	9.8	10.0	9.9	10.1	10.4	10.7	10.6	10.8	11.1	11.5	11.2	11.5	11.8	12.1	11.8	12.1	12.4	12.8	12.4	12.7	13.0	13.5		
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	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	44.7	45.7	48.8	52.2	43.7	44.6	47.7	51.0	42.6	43.6	46.6	49.8	41.6	42.5	45.4	48.6	39.5	40.4	43.1	46.1	36.6	37.4	40.0	42.7		
S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.76	0.56	1.00	0.94	0.76	0.57		
Delta T	25	24	21	17	26	24	21	17	26	25	21	17	26	25	21	17	25	24	21	17	24	23	20	16	12	
KW	2.92	2.98	3.07	3.17	3.14	3.20	3.31	3.41	3.33	3.41	3.51	3.63	3.51	3.58	3.70	3.82	3.65	3.73	3.85	3.98	3.78	3.86	3.99	4.12		
AMPS	9.2	9.4	9.6	9.9	9.8	10.0	10.2	10.5	10.5	10.7	11.0	11.3	11.0	11.3	11.6	12.0	11.6	11.9	12.2	12.6	12.2	12.5	12.8	13.3		
HI PR	236	253	268	279	264	284	300	313	301	323	342	356	342	368	389	406	385	414	438	457	426	458	484	504		
LO PR	111	118	129	138	117	125	136	145	122	130	142	151	128	136	149	159	134	143	156	166	139	148	161	172		
85	1796	MBh	49.3	50.3	52.7	56.2	48.2	49.1	51.4	54.9	47.0	48.0	50.2	53.6	45.9	46.8	49.0	52.3	43.6	44.4	46.5	49.7	40.4	41.2	43.1	46.0
		S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
	Delta T	25	25	23	20	25	25	24	21	24	25	24	21	21	23	24	24	21	22	23	24	20	21	21	22	19
	KW	3.01	3.07	3.17	3.27	3.24	3.31	3.42	3.53	3.44	3.52	3.63	3.75	3.62	3.70	3.82	3.95	3.78	3.86	3.99	4.12	3.91	3.99	4.13	4.27	
	AMPS	9.5	9.6	9.9	10.2	10.1	10.3	10.5	10.9	10.8	11.0	11.3	11.7	11.4	11.6	12.0	12.3	12.0	12.3	12.6	13.0	12.6	12.9	13.2	13.7	
	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	116	123	134	143	122	130	142	151	127	135	148	157	134	142	155	165	140	149	162	173	145	154	168	179	
	MBh	47.9	48.8	51.1	54.6	46.8	47.7	49.9	53.3	45.7	46.6	48.8	52.0	44.6	45.4	47.6	50.7	42.3	43.1	45.2	48.2	39.2	40.0	41.9	44.7	
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	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	
	Delta T	26	26	24	21	27	26	25	21	26	26	25	21	21	26	26	25	22	24	25	24	21	23	23	20	20
KW	2.99	3.05	3.15	3.25	3.21	3.28	3.39	3.50	3.42	3.49	3.60	3.72	3.59	3.67	3.79	3.92	3.74	3.83	3.95	4.09	3.87	3.96	4.09	4.23		
AMPS	9.4	9.6	9.8	10.1	10.0	10.2	10.5	10.8	10.7	10.9	11.2	11.6	11.3	11.5	11.9	12.2	11.9	12.2	12.5	12.9	12.5	12.8	13.1	13.6		
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	115	122	133	142	121	129	141	150	126	134	146	156	132	141	154	163	139	147	161	171	143	152	166	177		
MBh	45.5	46.4	48.6	51.8	44.4	45.3	47.4	50.6	43.4	44.2	46.3	49.4	42.3	43.1	45.2	48.2	40.2	41.0	42.9	45.8	37.2	38.0	39.8	42.4		
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	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74		
Delta T	27	26	25	22	27	27	25	22	27	27	25	22	22	27	27	26	22	26	27	25	22	24	25	24	20	
KW	2.94	3.00	3.09	3.19	3.16	3.23	3.33	3.44	3.36	3.43	3.54	3.66	3.53	3.61	3.73	3.85	3.68	3.76	3.89	4.02	3.81	3.89	4.02	4.16		
AMPS	9.3	9.4	9.7	10.0	9.8	10.0	10.3	10.6	10.5	10.7	11.0	11.4	11.1	11.4	11.7	12.0	11.7	12.0	12.3	12.7	12.3	12.6	12.9	13.4		
HI PR	238	256	270	282	267	287	303	316	304	327	345	360	346	372	393	410	389	419	442	461	430	463	488	509		
LO PR	112	119	130	139	119	126	138	147	123	131	143	153	130	138	150	160	136	144	158	168	140	149	163	174		

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Design Subcooling, 12.1:3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8.1:3 °F @ the compressor suction access fitting connection.
 Shaded area reflects AHRI conditions
 kW = Total system power
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115											
		65				75				85				95				105				115															
		AIRFLOW			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71													
70	2244	MBh	58.8	60.9	66.8	-	57.4	59.5	65.2	-	56.1	58.1	63.7	-	54.7	56.7	62.1	-	52.0	53.9	59.0	-	48.1	49.9	54.7												
		S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50												
		Delta T	18	16	12	-	18	16	12	-	18	16	12	-	19	16	12	-	18	16	12	-	17	15	11												
		KW	3.75	3.83	3.94	-	4.03	4.11	4.24	-	4.27	4.36	4.50	-	4.49	4.58	4.73	-	4.67	4.77	4.92	-	4.83	4.93	5.09												
		AMPS	12.0	12.2	12.5	-	12.8	13.0	13.3	-	13.6	13.9	14.3	-	14.4	14.7	15.1	-	15.1	15.4	15.8	-	15.9	16.2	16.6												
		HI PR	231	249	263	-	260	279	295	-	295	318	335	-	336	362	382	-	378	407	430	-	418	450	475												
	LO PR	112	119	130	-	119	126	138	-	123	131	143	-	130	138	150	-	136	144	158	-	140	149	163													
	MBh	57.1	59.2	64.8	-	55.8	57.8	63.3	-	54.4	56.4	61.8	-	53.1	55.0	60.3	-	50.4	52.3	57.3	-	46.7	48.4	53.1													
	S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48													
	Delta T	19	17	13	-	19	17	13	-	19	17	13	-	20	17	13	-	19	17	13	-	18	16	12													
	KW	3.72	3.80	3.91	-	4.00	4.08	4.20	-	4.24	4.33	4.46	-	4.45	4.54	4.69	-	4.63	4.73	4.88	-	4.79	4.89	5.05													
	AMPS	11.9	12.1	12.5	-	12.7	12.9	13.2	-	13.5	13.8	14.2	-	14.3	14.5	14.9	-	15.0	15.3	15.7	-	15.7	16.1	16.5													
HI PR	229	246	260	-	257	277	292	-	292	315	332	-	333	358	378	-	374	403	426	-	414	445	470														
LO PR	111	118	129	-	117	125	136	-	122	130	142	-	128	136	149	-	134	143	156	-	139	148	161														
MBh	56.2	58.3	63.9	-	54.9	56.9	62.4	-	53.6	55.6	60.9	-	52.3	54.2	59.4	-	49.7	51.5	56.4	-	46.0	47.7	52.3														
S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46														
Delta T	20	18	13	-	20	18	13	-	21	18	13	-	21	18	14	-	20	18	13	-	19	16	12														
KW	3.68	3.75	3.86	-	3.94	4.02	4.15	-	4.18	4.27	4.40	-	4.39	4.48	4.62	-	4.57	4.66	4.81	-	4.72	4.82	4.98														
AMPS	11.8	12.0	12.3	-	12.5	12.8	13.1	-	13.4	13.6	14.0	-	14.1	14.4	14.7	-	14.8	15.1	15.5	-	15.5	15.8	16.3														
HI PR	225	242	256	-	253	272	287	-	287	309	326	-	327	352	372	-	368	396	418	-	407	438	462														
LO PR	109	116	127	-	115	123	134	-	120	128	139	-	126	134	146	-	132	141	153	-	137	145	159														

IDB		OUTDOOR AMBIENT TEMPERATURE												105												115											
		65				75				85				95				105				115															
		AIRFLOW			59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71													
75	2244	MBh	59.8	61.6	66.6	71.5	58.4	60.1	65.1	69.9	57.0	58.7	63.5	68.2	55.6	57.3	62.0	66.5	52.8	54.4	58.9	63.2	48.9	50.4	54.5												
		S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.67												
		Delta T	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	21	19	16	11	20	18	15											
		KW	3.78	3.86	3.97	4.10	4.06	4.14	4.27	4.41	4.30	4.40	4.53	4.68	4.52	4.62	4.76	4.92	4.71	4.81	4.96	5.12	4.86	4.97	5.13												
		AMPS	12.1	12.3	12.6	13.0	12.9	13.1	13.4	13.8	13.7	14.0	14.4	14.8	14.5	14.8	15.2	15.6	15.2	15.5	16.0	16.5	16.0	16.3	16.8												
		HI PR	234	251	266	277	262	282	298	311	298	321	339	353	340	366	386	403	382	411	434	453	422	454	480												
	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													
	MBh	58.1	59.8	64.7	69.4	56.7	58.4	63.2	67.8	55.4	57.0	61.7	66.2	54.0	55.6	60.2	64.6	51.3	52.8	57.2	61.4	47.5	48.9	53.0													
	S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63													
	Delta T	22	20	17	12	22	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16													
	KW	3.75	3.83	3.94	4.06	4.03	4.11	4.24	4.37	4.27	4.36	4.50	4.64	4.49	4.58	4.73	4.88	4.67	4.77	4.92	5.08	4.83	4.93	5.09													
	AMPS	12.0	12.2	12.5	12.9	12.8	13.0	13.3	13.7	13.6	13.9	14.3	14.7	14.4	14.7	15.1	15.5	15.1	15.4	15.9	16.3	15.9	16.2	16.6													
HI PR	231	249	263	274	260	279	295	308	295	318	336	350	336	362	382	399	378	407	430	448	418	450	475														
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														
MBh	57.2	58.9	63.7	68.4	55.8	57.5	62.2	66.8	54.5	56.1	60.8	65.2	53.2	54.8	59.3	63.6	50.5	52.0	56.3	60.4	46.8	48.2	52.2														
S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61														
Delta T	23	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	12	22	20	17														
KW	3.70	3.78	3.89	4.01	3.97	4.06	4.18	4.31	4.21	4.30	4.44	4.58	4.42	4.52	4.66	4.81	4.60	4.70	4.85	5.01	4.76	4.86	5.02														
AMPS	11.9	12.1	12.4	12.7	12.6	12.8	13.2	13.6	13.5	13.7	14.1	14.5	14.2	14.5	14.9	15.3	14.9	15.2	15.6	16.1	15.7	16.0	16.4														
HI PR	227	245	258	270	255	275	290	302	290	312	330	344	331	356	376	392	372	400	423	441	411	442	467														
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														

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Design Subcooling, 12±3 °F @ the liquid access fitting connection AHR1 95 test conditions. Design Superheat 8±3 °F @ the compressor suction access fitting connection.
 Shaded area reflects ACCA (TVA) conditions
 kW = Total system power
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)

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
80	Mbh	60.9	62.2	66.4	71.0	59.4	60.7	64.9	69.4	58.0	59.3	63.3	67.7	56.6	57.8	61.8	66.1	53.8	55.0	58.7	62.8	49.8	50.9	54.4	58.1
	S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	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	0.82	0.62
	Delta T	23	22	20	16	24	23	20	16	24	23	20	16	23	23	20	16	22	23	20	16	20	21	18	15
	KW	3.81	3.89	4.00	4.13	4.09	4.18	4.30	4.44	4.34	4.43	4.57	4.72	4.56	4.66	4.80	4.96	4.74	4.85	5.00	5.17	4.90	5.01	5.17	5.34
	AMPS	12.2	12.4	12.7	13.1	12.9	13.2	13.5	13.9	13.8	14.1	14.5	14.9	14.6	14.9	15.3	15.8	15.4	15.7	16.1	16.6	16.1	16.4	16.9	17.4
	HI PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	457	426	459	485	505
	LO PR	115	122	133	142	121	129	141	150	126	134	146	156	132	141	154	163	139	147	161	171	143	152	166	177
	Mbh	59.1	60.4	64.5	69.0	57.7	59.0	63.0	67.3	56.3	57.6	61.5	65.7	55.0	56.2	60.0	64.1	52.2	53.4	57.0	60.9	48.4	49.4	52.8	56.4
	S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
	Delta T	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	23	22	19	16
KW	3.78	3.86	3.97	4.10	4.06	4.14	4.27	4.41	4.30	4.40	4.53	4.68	4.52	4.62	4.77	4.92	4.71	4.81	4.96	5.12	4.87	4.97	5.13	5.30	
AMPS	12.1	12.3	12.6	13.0	12.9	13.1	13.4	13.8	13.7	14.0	14.4	14.8	14.5	14.8	15.2	15.6	15.2	15.5	16.0	16.5	16.0	16.3	16.8	17.3	
HI PR	234	251	266	277	262	282	298	311	298	321	339	353	340	366	386	403	382	411	434	453	422	454	480	500	
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	58.2	59.5	63.5	67.9	56.8	58.1	62.1	66.3	55.5	56.7	60.6	64.8	54.1	55.3	59.1	63.2	51.4	52.6	56.1	60.0	47.6	48.7	52.0	55.6	
S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57	
Delta T	26	25	22	17	26	25	22	18	26	25	22	18	27	26	22	18	26	25	22	17	25	24	20	16	
KW	3.73	3.81	3.92	4.04	4.01	4.09	4.21	4.35	4.25	4.34	4.47	4.61	4.46	4.56	4.70	4.85	4.64	4.74	4.89	5.05	4.80	4.90	5.06	5.23	
AMPS	12.0	12.2	12.5	12.8	12.7	12.9	13.3	13.7	13.6	13.8	14.2	14.6	14.3	14.6	15.0	15.4	15.0	15.3	15.8	16.3	15.8	16.1	16.5	17.1	
HI PR	230	247	261	272	258	277	293	306	293	315	333	347	334	359	379	396	376	404	427	445	415	447	472	492	
LO PR	112	119	130	138	118	125	137	146	122	130	142	151	129	137	149	159	135	143	157	167	139	148	162	172	
Mbh	61.9	63.1	66.1	70.5	60.5	61.6	64.6	68.9	59.0	60.2	63.0	67.2	57.6	58.7	61.5	65.6	54.7	55.8	58.4	62.3	50.7	51.7	54.1	57.7	
S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80	
Delta T	25	25	23	20	25	25	24	20	24	25	24	20	24	24	24	21	22	23	23	20	21	21	22	19	
KW	3.84	3.92	4.04	4.16	4.12	4.21	4.34	4.48	4.37	4.47	4.61	4.75	4.59	4.69	4.84	5.00	4.78	4.89	5.04	5.21	4.94	5.05	5.22	5.39	
AMPS	12.3	12.5	12.8	13.2	13.0	13.3	13.6	14.0	13.9	14.2	14.6	15.0	14.7	15.0	15.4	15.9	15.5	15.8	16.2	16.7	16.2	16.6	17.0	17.6	
HI PR	238	257	271	283	268	288	304	317	304	327	346	361	347	373	394	411	390	420	443	462	431	464	489	510	
LO PR	116	123	134	143	122	130	142	151	127	135	148	157	134	142	155	165	140	149	162	173	145	154	168	179	
Mbh	60.1	61.3	64.2	68.5	58.7	59.9	62.7	66.9	57.3	58.4	61.2	65.3	55.9	57.0	59.7	63.7	53.1	54.2	56.7	60.5	49.2	50.2	52.5	56.0	
S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76	
Delta T	26	26	25	21	27	26	25	22	27	26	25	22	26	27	25	22	25	25	25	21	23	24	23	20	
KW	3.81	3.89	4.00	4.13	4.09	4.18	4.30	4.44	4.34	4.43	4.57	4.72	4.56	4.66	4.80	4.96	4.74	4.85	5.00	5.17	4.90	5.01	5.17	5.34	
AMPS	12.2	12.4	12.7	13.1	12.9	13.2	13.5	13.9	13.8	14.1	14.5	14.9	14.6	14.9	15.3	15.8	15.4	15.7	16.1	16.6	16.1	16.4	16.9	17.4	
HI PR	236	254	268	280	265	285	301	314	301	324	342	357	343	369	390	407	386	415	439	457	426	459	485	505	
LO PR	115	122	133	142	121	129	141	150	126	134	146	156	132	141	154	163	139	147	161	171	143	152	166	177	
Mbh	59.2	60.4	63.2	67.4	57.8	59.0	61.7	65.9	56.5	57.6	60.3	64.3	55.1	56.1	58.8	62.7	52.3	53.3	55.9	59.6	48.5	49.4	51.7	55.2	
S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73	
Delta T	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	27	28	26	23	25	26	24	21	
KW	3.76	3.84	3.95	4.07	4.04	4.12	4.25	4.38	4.28	4.37	4.51	4.65	4.50	4.59	4.74	4.89	4.68	4.78	4.93	5.09	4.84	4.94	5.10	5.27	
AMPS	12.0	12.3	12.6	12.9	12.8	13.0	13.4	13.8	13.7	13.9	14.3	14.7	14.4	14.7	15.1	15.6	15.2	15.5	15.9	16.4	15.9	16.2	16.7	17.2	
HI PR	232	250	264	275	260	280	296	309	296	319	336	351	337	363	383	400	379	408	431	450	419	451	476	497	
LO PR	113	120	131	139	119	127	138	147	124	132	144	153	130	138	151	161	136	145	158	168	141	150	164	174	

IDB = Entering Indoor Dry Bulb Temperature
 High & low pressures are measured at the liquid & suction service ports.
 Design Subcooling, 12.1:3 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8.1:3 °F @ the compressor suction access fitting connection.
 Shaded area reflects AHRI conditions
 kW = Total system power
 Amps: Unit amps (comp.+ evaporator + condenser fan motors)

DOWNSHOT

SPEED TAP	ESP IN W.C.	CFM	AMPS	WATTS	RPM
T1	0.1	966	0.5	108	657
	0.2	850	0.52	115	710
	0.3	773	0.55	122	763
	0.4	678	0.59	130	819
	0.5	593	0.62	141	875
	0.6	---	---	---	---
	0.7	---	---	---	---
	0.8	---	---	---	---
	0.9	---	---	---	---
T2	0.1	1057	0.6	134	693
	0.2	956	0.62	140	740
	0.3	868	0.66	144	787
	0.4	788	0.69	156	839
	0.5	700	0.73	166	898
	0.6	618	0.76	174	946
	0.7	---	---	---	---
	0.8	---	---	---	---
	0.9	---	---	---	---
T3	0.1	1234	0.86	199	784
	0.2	1146	0.89	206	822
	0.3	1068	0.92	213	863
	0.4	977	0.96	221	910
	0.5	911	1.0	232	949
	0.6	842	1.04	245	998
	0.7	776	1.08	253	1031
	0.8	703	1.11	263	1082
	0.9	682	1.13	266	1107
T4	0.1	1363	1.03	242	822
	0.2	1253	1.09	251	874
	0.3	1176	1.12	260	910
	0.4	1110	1.15	270	940
	0.5	1034	1.19	279	981
	0.6	966	1.23	290	1028
	0.7	899	1.27	301	1074
	0.8	836	1.33	312	1117
	0.9	778	1.35	319	1146
T5	0.1	1413	1.14	268	849
	0.2	1299	1.18	275	899
	0.3	1233	1.23	259	933
	0.4	1166	1.26	296	963
	0.5	1096	1.3	307	1000
	0.6	1026	1.34	318	1040
	0.7	960	1.39	330	1052
	0.8	889	1.44	340	1132
	0.9	835	1.47	347	1169

HORIZONTAL

SPEED TAP	ESP IN W.C.	CFM	AMPS	WATTS	RPM
T1	0.1	1018	0.47	101	615
	0.2	969	0.49	109	653
	0.3	881	0.53	117	712
	0.4	818	0.55	125	768
	0.5	732	0.59	135	833
	0.6	658	0.63	142	890
	0.7	616	0.65	148	938
	0.8	---	---	---	---
	0.9	---	---	---	---
T2	0.1	1128	0.56	126	645
	0.2	1070	0.59	132	692
	0.3	994	0.62	138	727
	0.4	915	0.66	149	791
	0.5	839	0.69	156	838
	0.6	776	0.73	169	909
	0.7	698	0.77	179	963
	0.8	649	0.8	183	1003
	0.9	---	---	---	---
T3	0.1	1293	0.81	186	733
	0.2	1252	0.84	193	765
	0.3	1198	0.87	204	803
	0.4	1130	0.91	212	844
	0.5	1075	0.94	218	886
	0.6	1015	0.98	230	930
	0.7	941	1.02	242	984
	0.8	870	1.08	253	1045
	0.9	817	1.11	262	1080
T4	0.1	1404	0.99	232	789
	0.2	1367	1.02	240	817
	0.3	1334	1.05	244	845
	0.4	1265	1.09	257	882
	0.5	1207	1.13	265	922
	0.6	1153	1.17	272	958
	0.7	1090	1.21	283	1005
	0.8	1029	1.25	299	1052
	0.9	947	1.31	312	1111
T5	0.1	1457	1.08	254	805
	0.2	1413	1.12	266	839
	0.3	1359	1.16	273	870
	0.4	1307	1.2	285	911
	0.5	1253	1.23	291	940
	0.6	1197	1.28	304	978
	0.7	1138	1.31	310	1017
	0.8	1082	1.36	322	1059
	0.9	1029	1.41	335	1105

Notes:

Table represent dry coil without filter, to compensate for filter add 0.08" to measured E.S.P.. SCFM correction for wet coil = 4%. Models are shipped from the factory with speed tap set on T4.

DOWNSHOT

SPEED TAP	ESP IN W.C.	CFM	AMPS	WATTS	RPM
T1	0.1	1286	0.82	187	667
	0.2	1205	0.86	198	704
	0.3	1139	0.8	205	731
	0.4	1052	0.92	212	764
	0.5	982	0.95	215	790
	0.6	911	0.97	224	814
	0.7	840	1	230	837
	0.8	779	1.02	235	855
	0.9	717	1.04	242	879
T2	0.1	1470	1.09	251	726
	0.2	1399	1.12	260	758
	0.3	1315	1.16	271	790
	0.4	1253	1.19	281	814
	0.5	1180	1.22	287	842
	0.6	1110	1.26	292	867
	0.7	1042	1.29	300	891
	0.8	973	1.32	308	914
	0.9	916	1.34	314	933
T3	0.1	1747	1.75	413	855
	0.2	1668	1.8	414	884
	0.3	1609	1.84	436	908
	0.4	1557	1.88	442	931
	0.5	1489	1.92	453	957
	0.6	1419	1.97	476	984
	0.7	1377	2	472	1002
	0.8	1311	2.03	479	1022
	0.9	1256	2.07	488	1044
T4	0.1	1879	2.11	504	908
	0.2	1799	2.16	512	935
	0.3	1730	2.2	525	955
	0.4	1677	2.26	539	981
	0.5	1630	2.31	547	1006
	0.6	1558	2.35	557	1032
	0.7	1508	2.38	553	1049
	0.8	1443	2.43	588	1072
	0.9	1389	2.48	585	1091
T5	0.1	1903	2.28	542	931
	0.2	1838	2.31	561	952
	0.3	1785	2.38	571	977
	0.4	1723	2.41	574	1002
	0.5	1666	2.46	585	1020
	0.6	1612	2.51	596	1048
	0.7	1547	2.56	611	1067
	0.8	1505	2.59	607	1083
	0.9	1445	2.63	613	1109

HORIZONTAL

SPEED TAP	ESP IN W.C.	CFM	AMPS	WATTS	RPM
T1	0.1	1346	0.77	176	622
	0.2	1286	0.8	186	657
	0.3	1211	0.84	198	698
	0.4	1144	0.88	204	730
	0.5	1068	0.92	214	768
	0.6	996	0.95	222	798
	0.7	923	0.98	229	829
	0.8	839	1.01	235	857
	0.9	777	1.04	242	881
T2	0.1	1534	1.01	234	681
	0.2	1482	1.05	246	710
	0.3	1412	1.09	256	745
	0.4	1352	1.13	263	774
	0.5	1286	1.17	272	806
	0.6	1216	1.19	281	839
	0.7	1147	1.24	289	868
	0.8	1077	1.27	299	892
	0.9	1002	1.31	309	922
T3	0.1	1515	1.61	382	787
	0.2	1762	1.65	392	809
	0.3	1697	1.69	399	835
	0.4	1651	1.74	416	863
	0.5	1598	1.79	423	892
	0.6	1533	1.85	438	922
	0.7	1464	1.89	447	951
	0.8	1417	1.94	458	975
	0.9	1361	1.97	475	999
T4	0.1	1941	1.96	464	834
	0.2	1888	1.99	471	853
	0.3	1847	2.04	491	876
	0.4	1790	2.09	502	906
	0.5	1742	2.14	509	928
	0.6	1682	2.19	537	957
	0.7	1620	2.26	5337	987
	0.8	1576	2.28	547	1010
	0.9	1521	2.33	556	1034
T5	0.1	1994	2.09	497	845
	0.2	1946	2.16	511	876
	0.3	1893	2.15	518	896
	0.4	1865	2.28	536	923
	0.5	1795	2.26	548	351
	0.6	1741	2.39	555	376
	0.7	1681	2.38	572	999
	0.8	1630	2.47	597	1023
	0.9	1576	2.47	595	1046

Notes:

Table represent dry coil without filter, to compensate for filter add 0.08" to measured E.S.P.. SCFM correction for wet coil = 4%. Models are shipped from the factory with speed tap set on T4.

DOWNSHOT

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

HORIZONTAL

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

Notes:

Table represent dry coil without filter, to compensate for filter add 0.08" to measured E.S.P.. SCFM correction for wet coil = 4%. Models are shipped from the factory with speed tap set on T4.

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

DTH036***1D***

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.7	41.4	39.0	36.4	34.8	33.7	31.3	28.9	22.4	20.7	19.1	18.0	17.3	15.6	13.8	12.0	10.3	8.4
T/R	33.8	32.0	30.1	28.1	26.9	26.0	24.2	22.3	17.3	16.0	14.7	13.9	13.4	12.0	10.6	9.3	7.9	6.5
KW	2.73	2.67	2.62	2.58	2.55	2.53	2.46	2.40	2.35	2.30	2.26	2.20	2.16	2.11	2.08	2.04	2.01	1.97
COP	4.69	4.54	4.35	4.13	3.99	3.90	3.73	3.52	2.79	2.63	2.47	2.39	2.35	2.16	1.94	1.72	1.49	1.25
EER	16.0	15.5	14.9	14.1	13.6	13.3	12.7	12.0	9.5	9.0	8.4	8.2	8.0	7.4	6.6	5.9	5.1	4.3
HI PR	383	368	353	338	330	324	311	299	286	273	262	256	251	242	233	223	215	208
LO PR	146	135	127	116	110	106	97	87	78	70	61	57	55	47	40	34	30	23

DTH036***3D***

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	41.2	39.0	36.7	34.3	32.8	31.8	29.5	27.2	22.4	20.7	19.1	18.0	17.3	15.6	13.8	12.0	10.3	8.4
T/R	31.8	30.1	28.3	26.5	25.3	24.5	22.8	21.0	17.3	16.0	14.7	13.9	13.4	12.0	10.6	9.3	7.9	6.5
KW	3.03	2.95	2.85	2.76	2.67	2.60	2.54	2.48	2.42	2.42	2.42	2.41	2.34	2.26	2.19	2.11	2.06	1.96
COP	3.99	3.88	3.78	3.65	3.60	3.58	3.41	3.22	2.72	2.51	2.31	2.30	2.17	2.02	1.84	1.67	1.46	1.26
EER	13.6	13.2	12.9	12.4	12.3	12.2	11.6	11.0	9.3	8.6	7.9	7.5	7.4	6.9	6.3	5.7	5.0	4.3
HI PR	402	385	371	354	346	339	326	313	300	286	275	268	264	254	244	234	226	218
LO PR	139	129	121	111	105	101	93	83	75	67	59	54	53	44	38	32	28	22

DTH048***1D

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	55.9	53.0	49.8	46.6	44.5	43.1	40.1	36.9	29.9	27.6	25.4	24.0	23.1	20.7	18.4	16.0	13.7	11.2
T/R	32.4	30.6	28.8	27.0	25.8	25.0	23.2	21.4	17.3	16.0	14.7	13.9	13.4	12.0	10.6	9.3	7.9	6.5
KW	3.67	3.61	3.56	3.50	3.43	3.41	3.34	3.26	3.20	3.11	3.03	2.93	2.86	2.79	2.71	2.65	2.59	2.52
COP	4.46	4.29	4.10	3.90	3.80	3.70	3.51	3.32	2.73	2.60	2.45	2.40	2.36	2.18	1.99	1.77	1.55	1.30
EER	15.2	14.7	14.0	13.3	13.0	12.6	12.0	11.3	9.3	8.9	8.4	8.2	8.1	7.4	6.8	6.0	5.3	4.4
HI PR	383	368	353	338	330	324	311	299	286	273	262	256	251	242	233	223	215	208
LO PR	133	123	115	106	100	96	89	79	71	64	56	52	50	42	37	31	27	21

DTH048***3D

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	55.3	52.4	49.3	46.1	44.0	42.6	39.6	36.5	29.4	27.1	25.0	23.6	22.7	20.4	18.1	15.8	13.5	11.0
T/R	32.0	30.3	28.5	26.7	25.5	24.7	22.9	21.1	17.0	15.7	14.5	13.7	13.2	11.8	10.5	9.1	7.8	6.4
KW	3.67	3.67	3.57	3.48	3.39	3.24	3.18	3.12	3.06	2.97	2.91	2.84	2.77	2.69	2.62	2.54	2.49	2.39
COP	4.42	4.18	4.04	3.88	3.80	3.86	3.65	3.43	2.82	2.68	2.52	2.43	2.40	2.22	2.02	1.82	1.58	1.35
EER	15.1	14.3	13.8	13.2	13.0	13.2	12.5	11.7	9.6	9.1	8.6	8.3	8.2	7.6	6.9	6.2	5.4	4.6
HI PR	400	384	369	353	345	338	325	312	299	285	274	267	263	253	243	233	225	217
LO PR	136	126	118	108	103	99	91	81	73	65	57	53	51	43	37	32	28	22

EXPANDED HEATING DATA (CONT.)

DTH060***1D

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	69.8	66.0	62.2	58.1	55.5	53.8	50.0	46.1	38.9	35.9	33.0	31.2	30.0	27.0	23.9	20.8	17.8	14.6
T/R	40.4	38.2	36.0	33.6	32.1	31.1	28.9	26.7	22.5	20.8	19.1	18.1	17.4	15.6	13.8	12.1	10.3	8.4
KW	4.63	4.55	4.45	4.36	4.27	4.20	4.14	4.08	4.02	3.93	3.87	3.80	3.73	3.65	3.58	3.50	3.45	3.35
COP	4.41	4.25	4.09	3.90	3.80	3.75	3.53	3.30	2.83	2.67	2.50	2.40	2.36	2.16	1.95	1.74	1.51	1.27
EER	15.1	14.5	14.0	13.3	13.0	12.8	12.1	11.3	9.7	9.1	8.5	8.2	8.1	7.4	6.7	6.0	5.2	4.3
HI PR	407	390	375	358	350	343	330	317	303	290	278	272	267	257	247	237	228	220
LO PR	133	123	115	106	100	96	89	79	71	64	56	52	50	42	37	31	27	21

DTH060***3D

	OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	69.1	65.5	61.6	57.6	55.0	53.3	49.5	45.7	38.4	35.4	32.6	30.8	29.7	26.6	23.6	20.6	17.6	14.4
T/R	32.0	30.3	28.5	26.7	25.5	24.7	22.9	21.1	17.8	16.4	15.1	14.3	13.7	12.3	10.9	9.5	8.1	6.7
KW	4.84	4.76	4.66	4.57	4.48	4.41	4.35	4.29	4.23	4.14	4.10	4.01	3.94	3.86	3.79	3.71	3.66	3.56
COP	4.19	4.03	3.87	3.69	3.59	3.54	3.33	3.12	2.66	2.51	2.46	2.40	2.31	2.22	2.13	2.04	1.95	1.86
EER	14.3	13.8	13.2	12.6	12.3	12.1	11.4	10.6	9.1	8.6	8.0	7.7	7.5	6.9	6.2	5.5	4.8	4.0
HI PR	404	388	373	356	348	341	328	315	302	288	277	270	265	255	245	235	227	219
LO PR	130	121	113	104	98	94	87	77	70	62	55	51	49	41	36	30	26	21

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

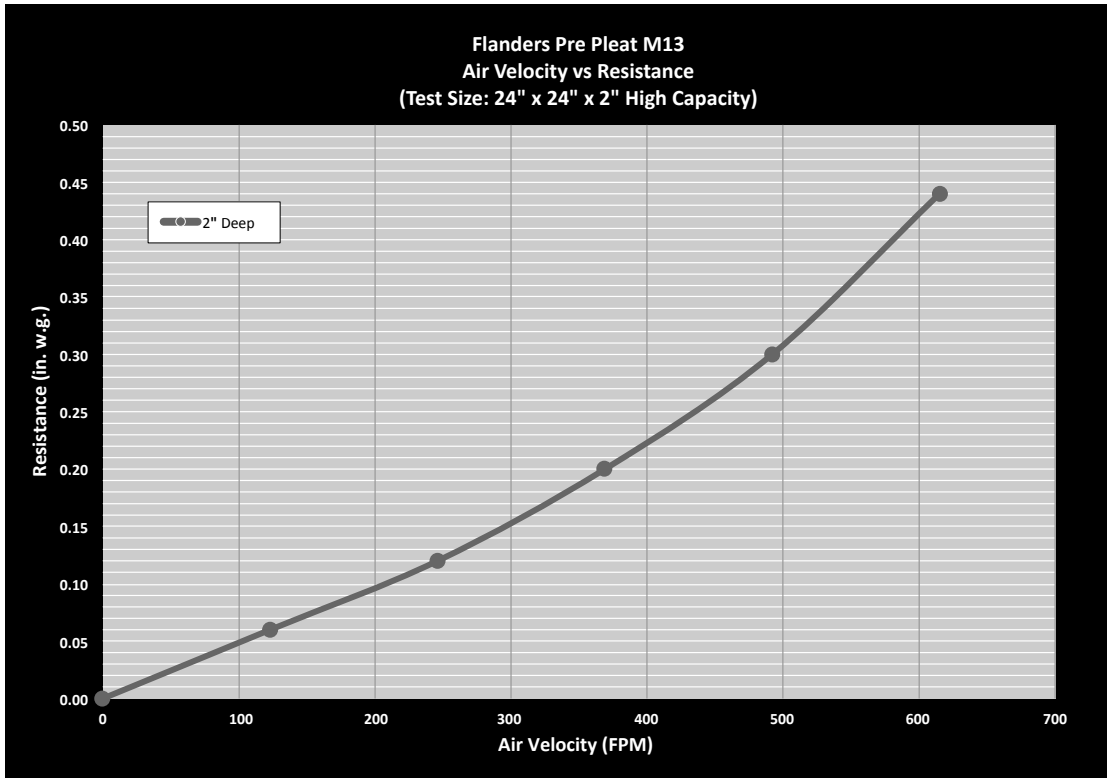
High pressure measured at liquid line access fitting.

Low pressure measured at compressor suction access fitting.

kW = Total system power

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

HIGH EFFICIENCY MERV 13 AIR FILTER OPTION



TONNAGE:	FILTER NOMINAL SIZE:	PART NUMBER:	ORDER QTY:
3	24 x 24 x 2	0160L00203	1
4	14 x 20 x 2	0160L00204	4
5	16 x 20 x 2	0160L00205	4

CRANKCASE HEATER SELECTION TABLE

ZP/ZPS...	COMPRESSOR DIAMETER	COMPRESSOR VOLTAGE			CRANKCASE HEATER WATTS
		230V	460V	575V	
16-31	5.5"	0163R00002S	0163R00031S	0163R00032S	40
39-83	6.58/7.3"	0130L00017S	0130L00018S	0130L00019S	70
103-137	9.14"	0130L00020S	0130L00021S	0130L00022S	90

DC*,DT* & DS* TONNAGE	COMPRESSOR VOLTAGE			CRANKCASE HEATER WATTS
	230V	460V	575V	
3 Ton	0163R00002S	0163R00031S	0163R00032S	40
4 Ton-5 Ton	0130L00017S	0130L00018S	0130L00019S	70

*Includes C,G&H models.

MODEL AND HEAT KIT USAGE	RECOMMENDED AIRFLOW RANGE
DTH036***1D*** EHK1-10 EHK1-15	1250-1350 CFM 1250-1440 CFM
DTH036***3D*** EHK3-10 EHK3-15	1250 - 1350 CFM 1250-1440 CFM

MODEL AND HEAT KIT USAGE	RECOMMENDED AIRFLOW RANGE
DTH048***1D*** EHK1-10 EHK1-15 EHK1-18	1400-1800 CFM 1575-1800 CFM 1575-1800 CFM
DTH048***3D*** EHK3-10 EHK3-15 EHK3-18	1400 - 1800 CFM 1575 - 1800 CFM 1575 - 1800 CFM

MODEL AND HEAT KIT USAGE	RECOMMENDED AIRFLOW RANGE
DTH060***1D*** EHK1-10 EHK1-15 EHK1-20	1750-2250 CFM 1750-2250 CFM 1850-2250 CFM
DTH060***3D*** EHK3-10 EHK3-15 EHK3-20	1750 - 2250 CFM 1750 - 2250 CFM 1850 - 2250 CFM

KW CORRECTION FACTORS

KW CORRECTION FACTOR FOR 1- & 3-PHASE UNITS					
SUPPLY VOLTAGE	240	230	220	210	208
CORRECTION FACTOR	1	0.92	0.84	0.77	0.75

Multiply rated kW by correction factor to get actual kW

MINIMUM AIRFLOW FOR ELECTRIC HEAT

HEATER SIZE	MINIMUM CFM
10 kW	1250
15 kW	1400
18 kW	1575
20 kW	1850

3 TONS

MODEL NUMBER	ELECTRICAL RATING	COMPRESSOR CIRCUIT 1		COMPRESSOR CIRCUIT 2		OUTDOOR FAN MOTOR			INDOOR FAN MOTOR			OPTIONAL ELECTRIC HEAT			OPTIONAL POWERED CONVENIENCE OUTLET	POWER SUPPLY	
		RLA	LRA	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA		FLA	MCA
DTH036XXX1D	208/230-1-60	14.1	77.0			1	0.25	1.40	Standard - Direct Drive	0.50	3.90	-	-	-	-	22.9 / 22.9	35 / 35
												EHK1-10	7.5 / 10.0	36.1 / 41.7	-	68.1 / 75.1	70 / 80
												EHK1-15	11.3 / 15.0	54.2 / 62.5	-	90.7 / 101	100 / 110
												-	-	-	7.2 / 6.5	30.1 / 29.4	40 / 40
												EHK1-10	7.5 / 10.0	36.1 / 41.7	7.2 / 6.5	75.3 / 81.6	80 / 90
												EHK1-15	11.3 / 15.0	54.2 / 62.5	7.2 / 6.5	97.9 / 108	100 / 110
DTH036XXX3D	208/230-3-60	9.0	71.0			1	0.25	1.40	Standard - Direct Drive	0.50	3.90	-	-	-	-	16.5 / 16.5	25 / 25
												EHK3-10	7.5 / 10.0	20.8 / 24.0	-	42.5 / 46.5	45 / 50
												EHK3-15	11.3 / 15.0	31.3 / 36.1	-	55.6 / 61.6	60 / 70
												-	-	-	7.2 / 6.5	23.7 / 23.0	30 / 30
												EHK3-10	7.5 / 10.0	20.8 / 24.0	7.2 / 6.5	49.7 / 53.0	50 / 60
												EHK3-15	11.3 / 15.0	31.3 / 36.1	7.2 / 6.5	62.8 / 68.1	70 / 70

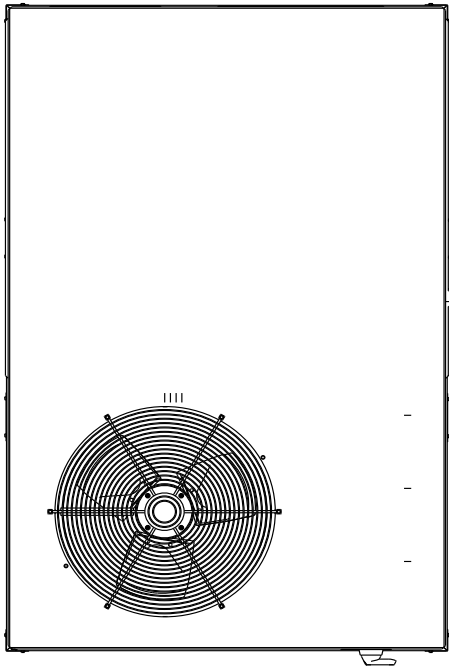
4 TONS

MODEL NUMBER	ELECTRICAL RATING	COMPRESSOR CIRCUIT 1		COMPRESSOR CIRCUIT 2		OUTDOOR FAN MOTOR			INDOOR FAN MOTOR			OPTIONAL ELECTRIC HEAT			OPTIONAL POWERED CONVENIENCE OUTLET	POWER SUPPLY	
		RLA	LRA	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA		FLA	MCA
DTH048XXX1D	208/230-1-60	19.9	109.0			1	0.25	1.40	Standard - Direct Drive	1.00	6.90	-	-	-	-	33.1 / 33.1	50 / 50
												EHK1-10	7.5 / 10.0	36.1 / 41.7	-	78.3 / 85.3	80 / 90
												EHK1-15	11.3 / 15.0	54.2 / 62.5	-	101 / 111	110 / 125
												EHK1-18	13.5 / 18.0	65.0 / 75.0	-	114 / 127	125 / 150
												-	-	-	7.2 / 6.5	40.3 / 39.6	60 / 50
												EHK1-10	7.5 / 10.0	36.1 / 41.7	7.2 / 6.5	85.5 / 91.8	90 / 100
DTH048XXX3D	208/230-3-60	13.1	83.1			1	0.25	1.40	Standard - Direct Drive	1.00	6.90	-	-	-	-	24.7 / 24.7	35 / 35
												EHK3-10	7.5 / 10.0	20.8 / 24.0	-	50.7 / 54.7	60 / 60
												EHK3-15	11.3 / 15.0	31.3 / 36.1	-	63.9 / 69.9	70 / 70
												EHK3-18	13.5 / 18.0	37.5 / 43.3	-	71.6 / 78.9	80 / 80
												-	-	-	7.2 / 6.5	31.9 / 31.2	45 / 40
												EHK3-10	7.5 / 10.0	20.8 / 24.0	7.2 / 6.5	57.9 / 61.2	60 / 70
EHK3-15	11.3 / 15.0	31.3 / 36.1	7.2 / 6.5	71.1 / 76.4	80 / 80												
EHK3-18	13.5 / 18.0	37.5 / 43.3	7.2 / 6.5	78.8 / 85.4	80 / 90												

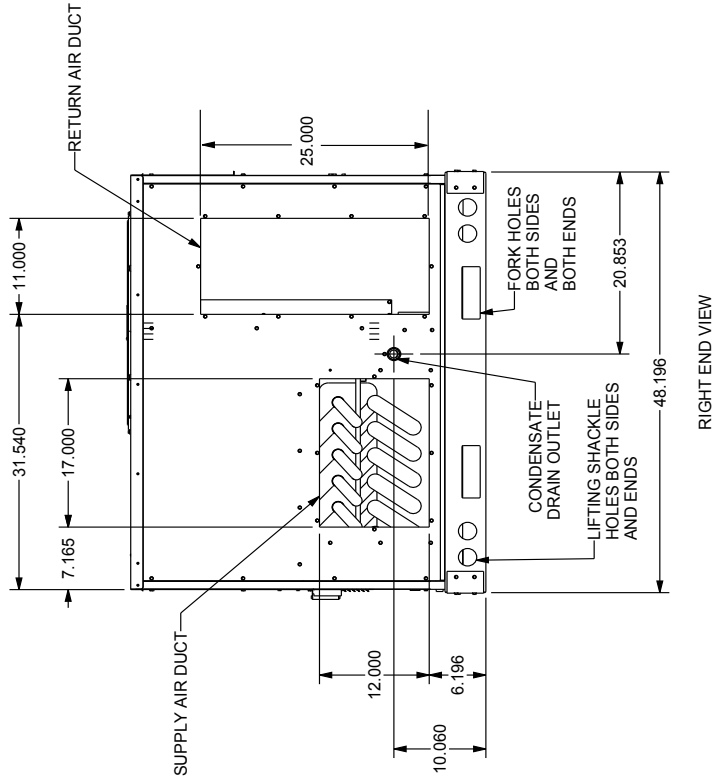
5 TONS

MODEL NUMBER	ELECTRICAL RATING	COMPRESSOR CIRCUIT 1		COMPRESSOR CIRCUIT 2		OUTDOOR FAN MOTOR			INDOOR FAN MOTOR			OPTIONAL ELECTRIC HEAT			OPTIONAL POWERED CONVENIENCE OUTLET	POWER SUPPLY	
		RLA	LRA	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA		FLA	MCA
DTH060XXX1D	208/230-1-60	25.0	134.0			1	0.25	2.00	Standard - Direct Drive	1.00	6.90	-	-	-	-	40.2 / 40.2	60 / 60
												EHK1-10	7.5 / 10.0	36.1 / 41.7	-	85.3 / 92.3	100 / 100
												EHK1-15	11.3 / 15.0	54.2 / 62.5	-	108 / 118	110 / 125
												EHK1-20	13.5 / 18.0	72.2 / 83.3	-	130 / 144	150 / 150
												-	-	-	7.2 / 6.5	47.4 / 46.7	70 / 70
												EHK1-10	7.5 / 10.0	36.1 / 41.7	7.2 / 6.5	92.5 / 98.8	100 / 110
EHK1-15	11.3 / 15.0	54.2 / 62.5	7.2 / 6.5	115 / 125	125 / 125												
EHK1-20	13.5 / 18.0	72.2 / 83.3	7.2 / 6.5	138 / 151	150 / 175												
DTH060XXX3D	208/230-3-60	15.9	110.0			1	0.33	2.30	Standard - Direct Drive	1.00	6.90	-	-	-	-	29.1 / 29.1	45 / 45
												EHK3-10	7.5 / 10.0	20.8 / 24.0	-	55.1 / 59.1	60 / 60
												EHK3-15	11.3 / 15.0	31.3 / 36.1	-	68.2 / 74.2	70 / 80
												EHK3-20	13.5 / 18.0	41.6 / 48.0	-	81.1 / 89.1	90 / 90
												-	-	-	7.2 / 6.5	36.3 / 35.6	50 / 50
												EHK3-10	7.5 / 10.0	20.8 / 24.0	7.2 / 6.5	62.3 / 65.6	70 / 70
EHK3-15	11.3 / 15.0	31.3 / 36.1	7.2 / 6.5	75.4 / 80.7	80 / 90												
EHK3-20	13.5 / 18.0	41.6 / 48.0	7.2 / 6.5	88.3 / 95.6	90 / 100												

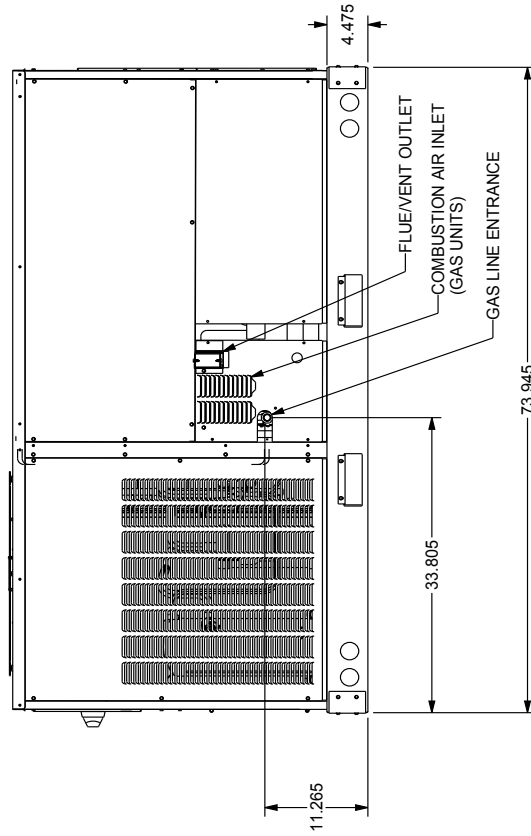
* Electric Heater kW rating: Rated at 240v for 208-230v units; 480v for 460v units



TOP VIEW



RIGHT END VIEW

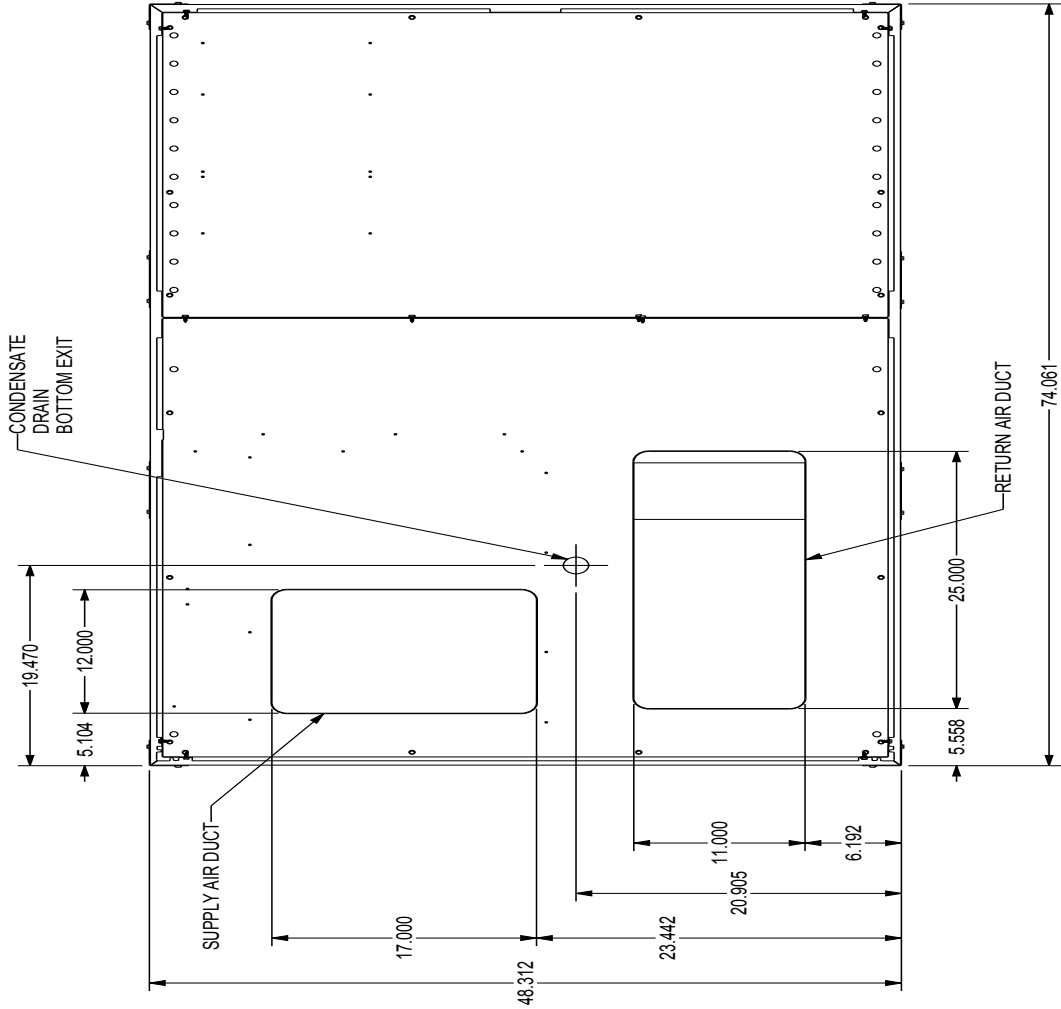


FRONT VIEW

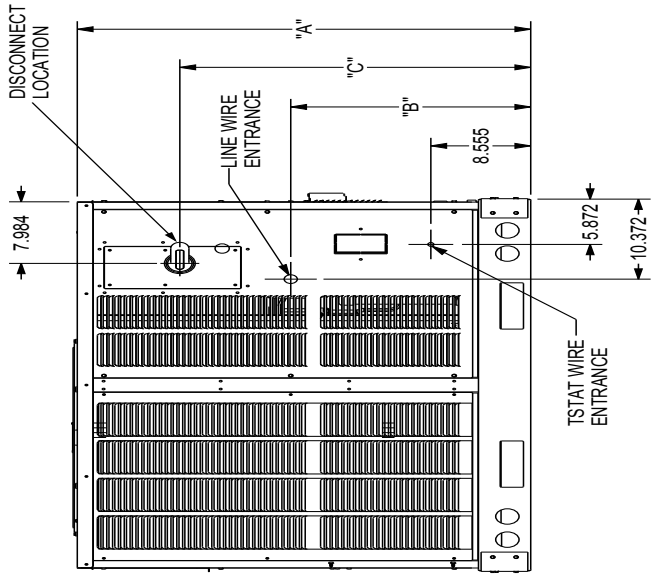
DT*036-060***
3 THRU 5-TON COMMERCIAL

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

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	42.840	20.555	30.055



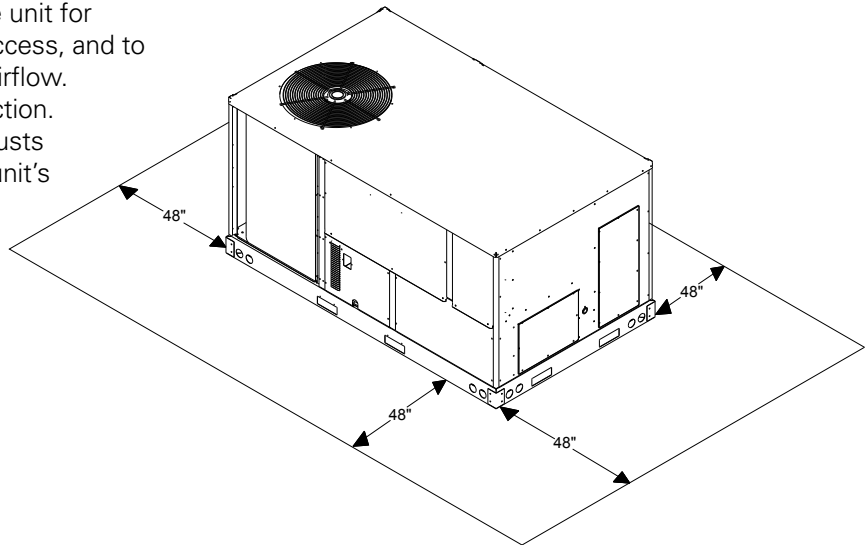
BASE PAN VIEW
(VIEWED FROM TOP)



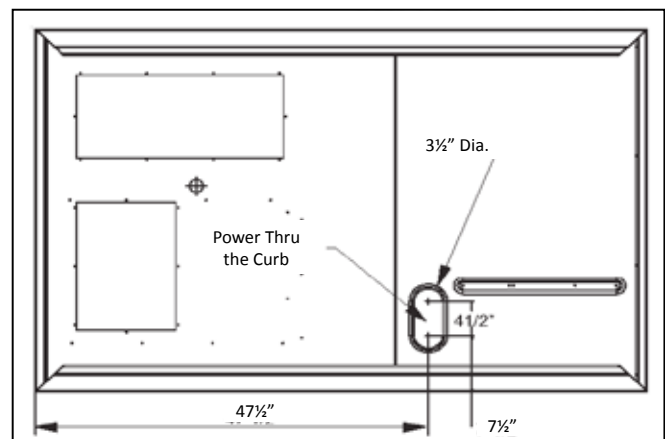
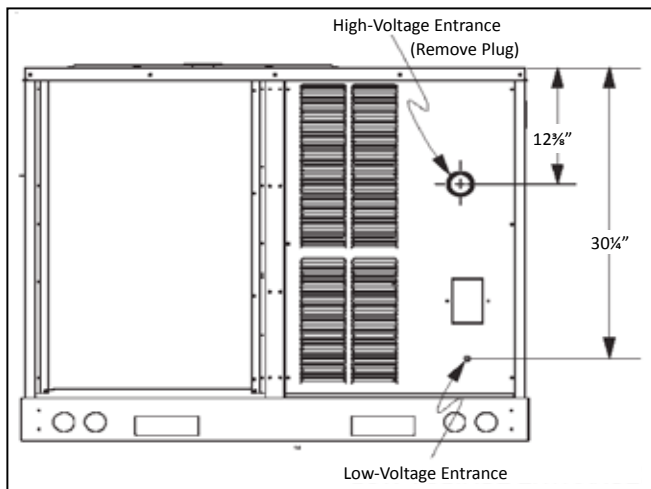
LEFT END VIEW

UNIT CLEARANCES

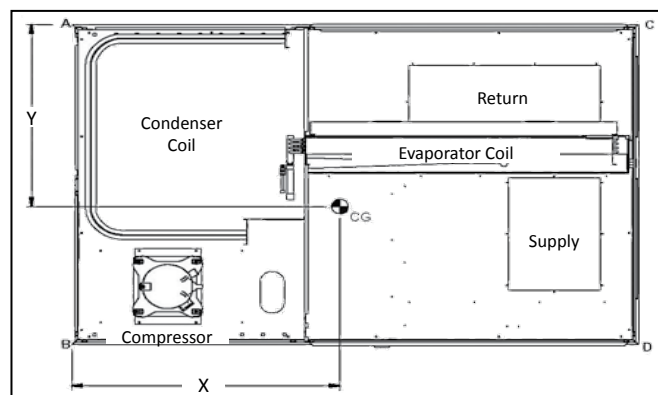
Maintain an adequate clearance around the unit for safety, service, maintenance, and proper unit operation. Leave a clearance of 48" on all sides of the unit for possible compressor removal or service access, and to ensure proper ventilation and condenser airflow. Do not install the unit Beneath any 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



MODEL	X (IN)	Y (IN)	SHIPPING WEIGHT (LBS)	OPERATING WEIGHT (LBS)	CORNER WEIGHTS (LBS.)			
					A	B	C	D
DTH036XXXXDXXX	37.8	26.8	548	520	105	161	122	132
DTH048XXXXDXXX	39.4	27.2	577	549	159	134	77	179
DTH060XXXXDXXX	40	25.1	612	583	204	113	72	194

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.

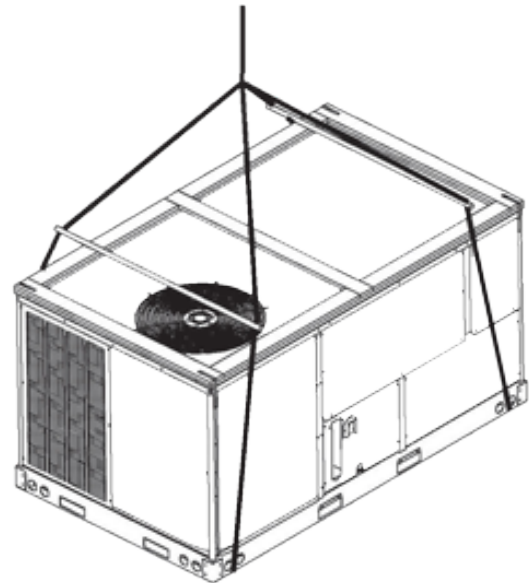
Proper unit installation requires that the roof curb be firmly and permanently attached to the roof structure. Check for adequate fastening method prior to setting the unit on the curb.

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.

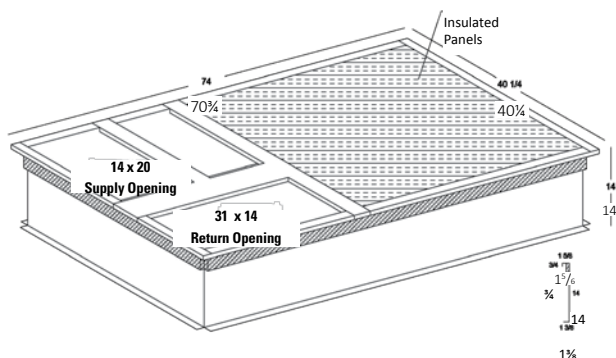
- Determine sufficient structural support before locating and mounting the curb and package unit.
- Duct-work must be constructed using industry guidelines. The duct-work must be placed into the roof curb before mounting the package unit. Our full perimeter curbs include duct connection frames to be 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.

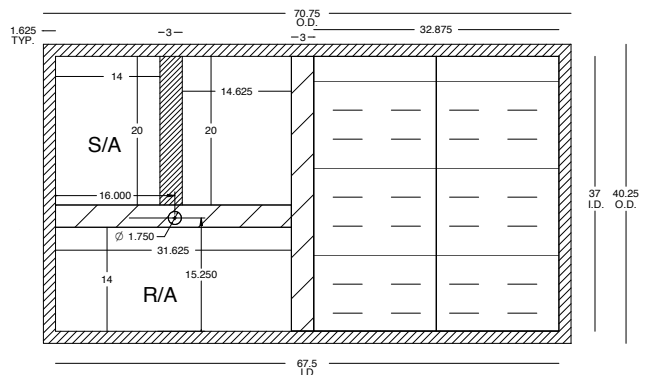
See the manual shipped with the roof curb for assembly and installation instructions.



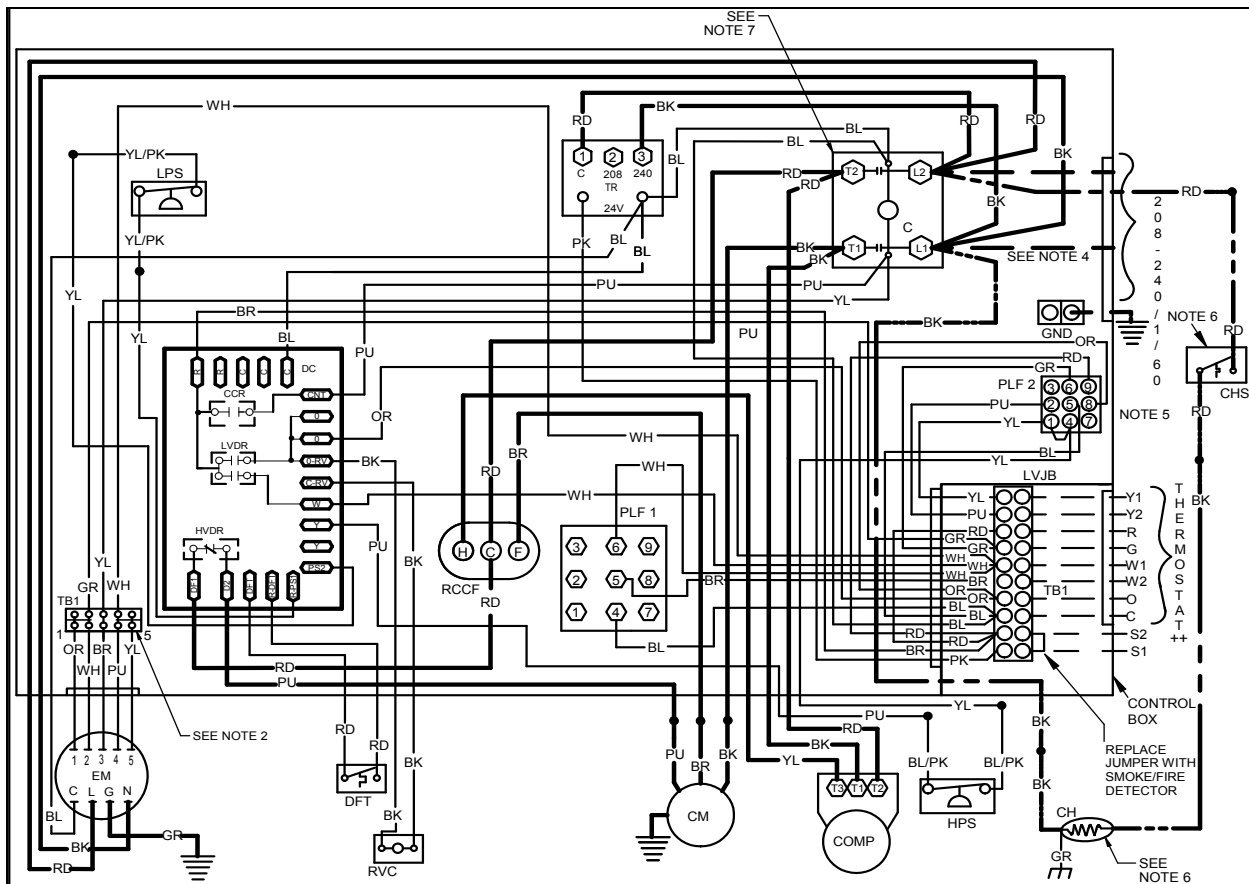
3-D VIEW



TOP VIEW



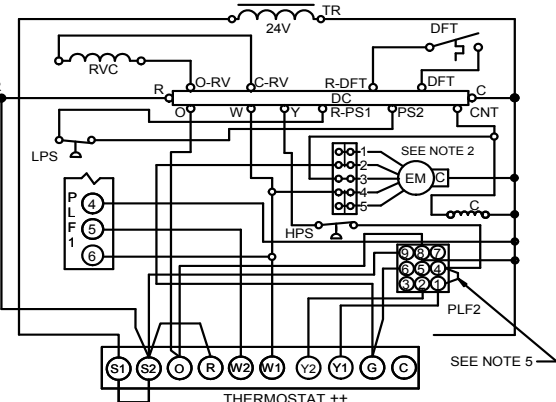
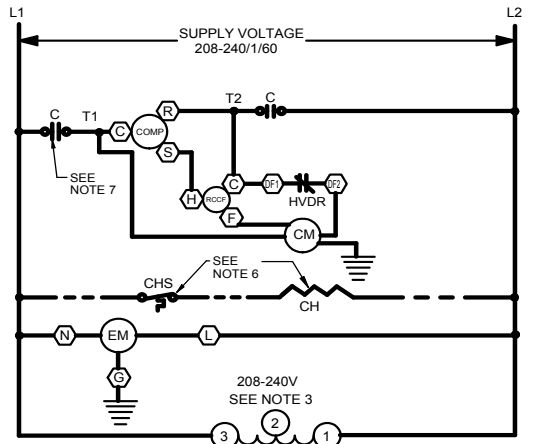
WIRING DIAGRAM — 3 THROUGH 5 TONS (230V, SINGLE-PHASE DIRECT DRIVE)



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.



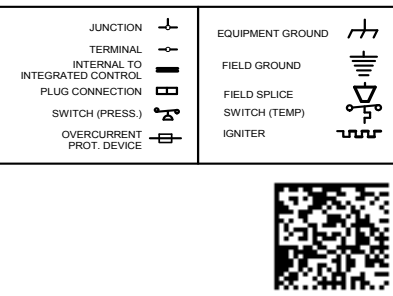
Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



COMPONENT LEGEND

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
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 COMPRESSOR AND FAN
TB1	TERMINAL BLOCK (24V SIGNAL)
TR	TRANSFORMER

- NOTES:**
- REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°) 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 WIRE 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.
 - DOUBLE POLE CONTACTOR SHOWN. SINGLE POLE CONTACTOR COULD BE FACTORY EQUIPPED AS AN ALTERNATE CONFIGURATION.

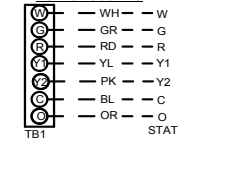
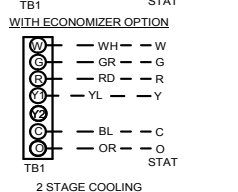
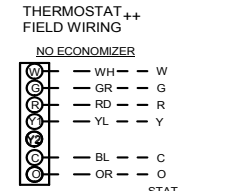


FACTORY WIRING

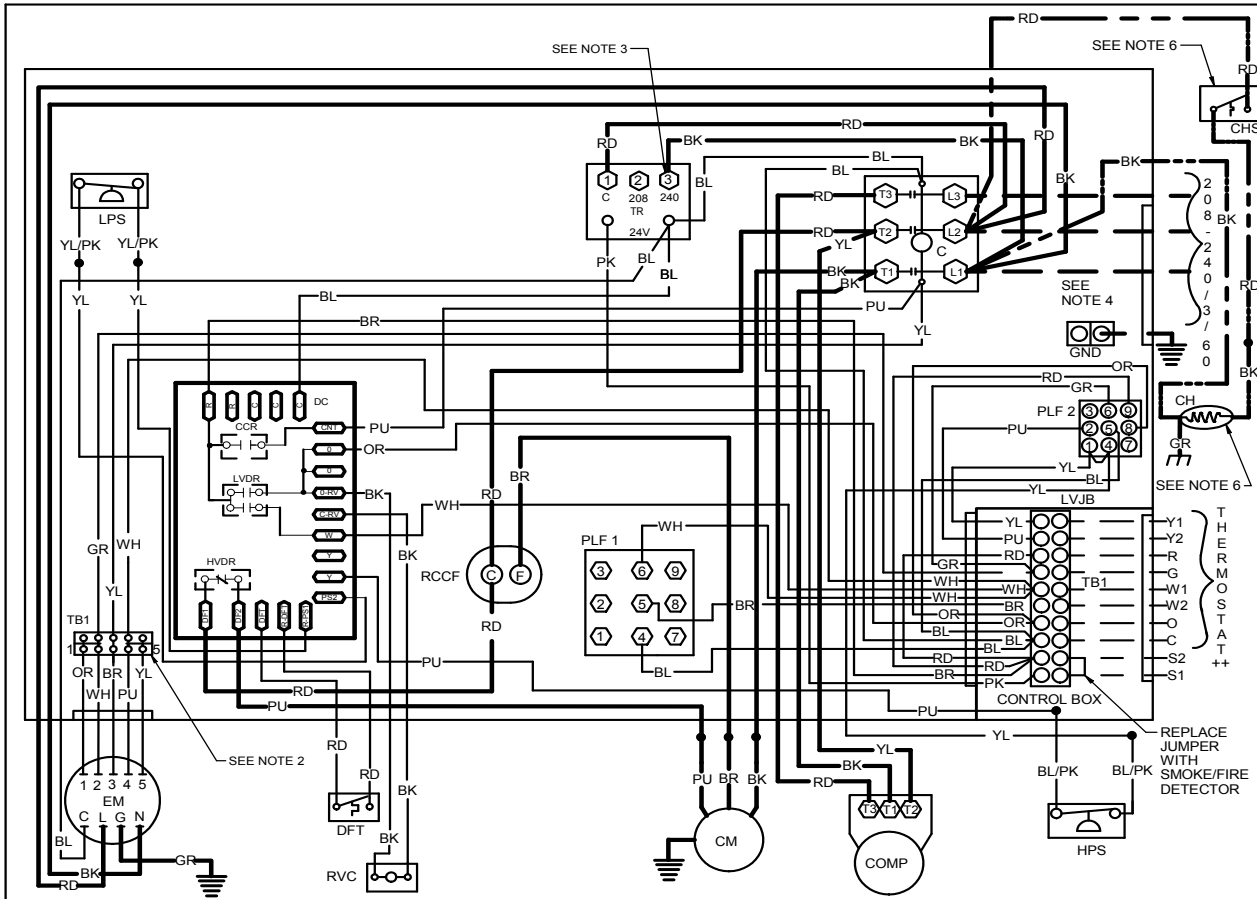
	LINE VOLTAGE
	LOW VOLTAGE
	OPTIONAL HIGH VOLTAGE
	OPTIONAL LOW VOLTAGE
	FIELD WIRING
	HIGH VOLTAGE FIELD WIRING
	LOW VOLTAGE FIELD WIRING

WIRE CODE

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



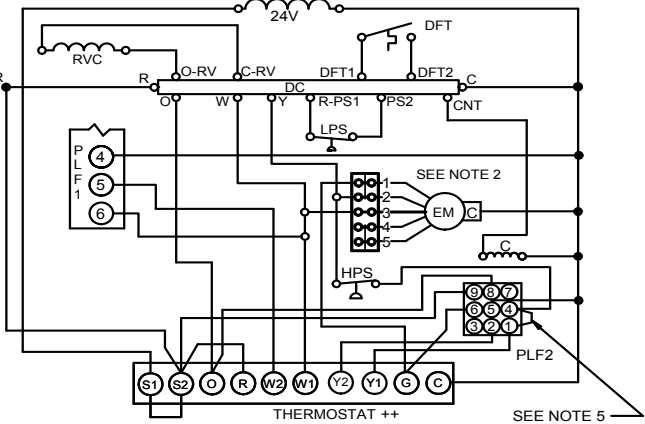
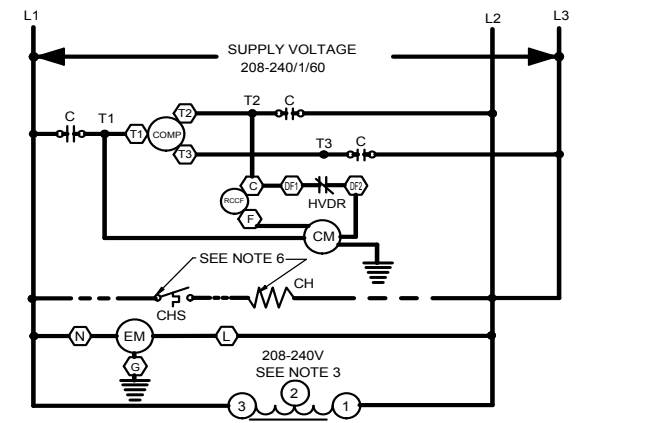
208-240/1/60 0140L02907-B



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

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



COMPONENT LEGEND

C	CONTACTOR
CCR	COMPRESSOR CONTACTOR RELAY
CH	CRANKCASE HEATER
CHS	CRANKCASE HEATER SWITCH
CM	COMPRESSOR
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
- OPTIONAL LOW 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
⑦	— STAT	STAT

WITH ECONOMIZER OPTION

①	— WH —	W
②	— GR —	G
③	— RD —	R
④	— YL —	Y
⑤	— BL —	C
⑥	— OR —	O
⑦	— STAT	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
⑧	— STAT	STAT

TERMINAL BLOCK (24V SIGNAL)

①	— PU —
②	— BR —
③	— BK —
④	— RD —
⑤	— BK —
⑥	— WH —
⑦	— BR —
⑧	— BK —
⑨	— YL —
⑩	— BK —
⑪	— PU —
⑫	— YL —
⑬	— BL —
⑭	— BK —
⑮	— BR —
⑯	— BK —
⑰	— PU —
⑱	— YL —
⑲	— BL —
⑳	— BK —
㉑	— BR —
㉒	— BK —
㉓	— PU —
㉔	— YL —
㉕	— BL —
㉖	— BK —
㉗	— BR —
㉘	— BK —
㉙	— PU —
㉚	— YL —
㉛	— BL —
㉜	— BK —
㉝	— BR —
㉞	— BK —
㉟	— PU —
㊱	— YL —
㊲	— BL —
㊳	— BK —
㊴	— BR —
㊵	— BK —
㊶	— PU —
㊷	— YL —
㊸	— BL —
㊹	— BK —
㊺	— BR —
㊻	— BK —
㊼	— PU —
㊽	— YL —
㊾	— BL —
㊿	— BK —

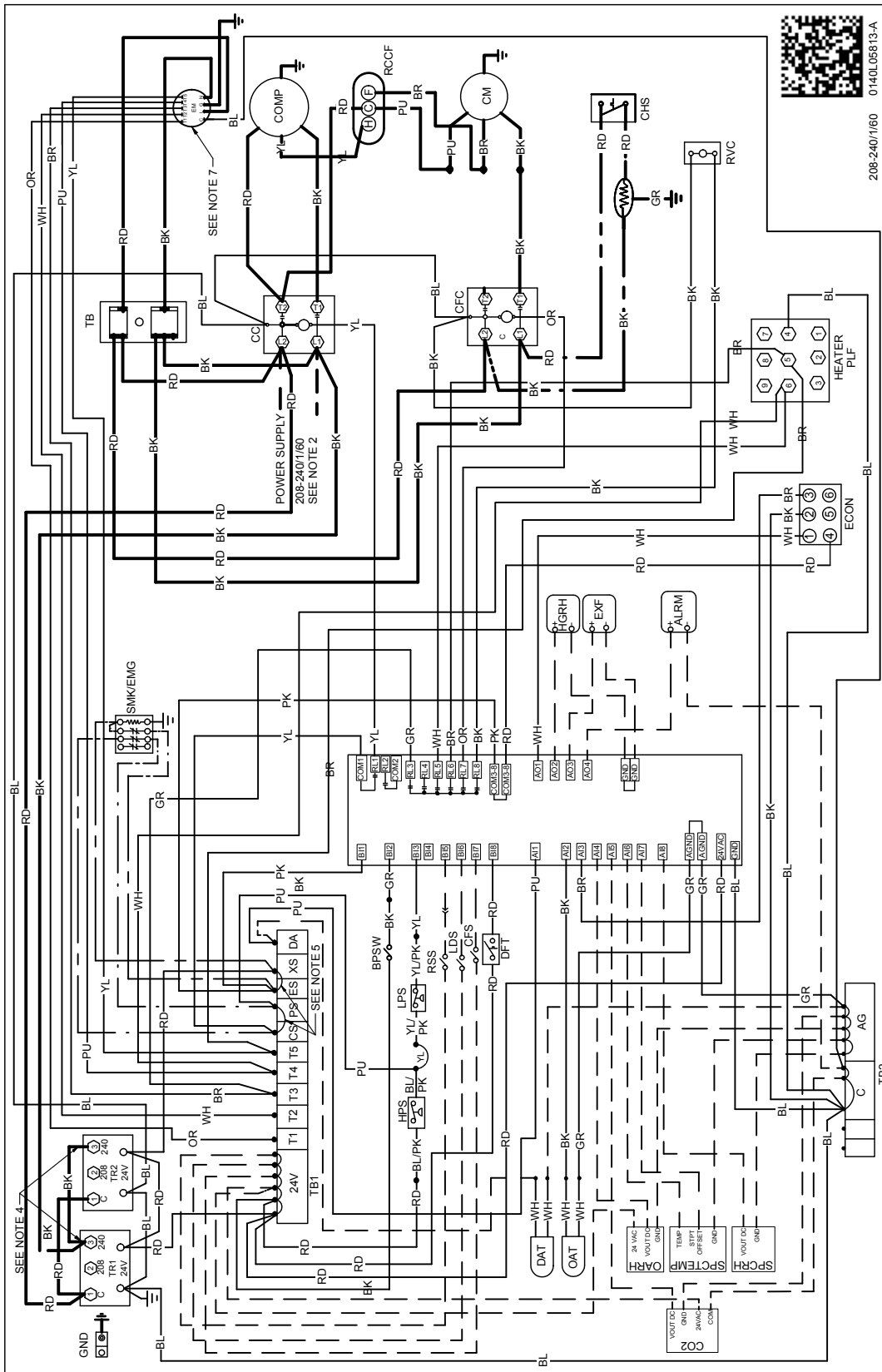
LEGEND

JUNCTION	—	EQUIPMENT GROUND	—
INTERNAL TO PLUG CONNECTION	—	FIELD GROUND	—
SWITCH (PRESS.)	—	FIELD SPlice	—
OVERCURRENT PROT. DEVICE	—	SWITCH (TEMP)	—
		IGNITER	—

208-240/3/60 0140L02908-B

WIRING DIAGRAMS FOR MODELS WITH DDC CONTROLS

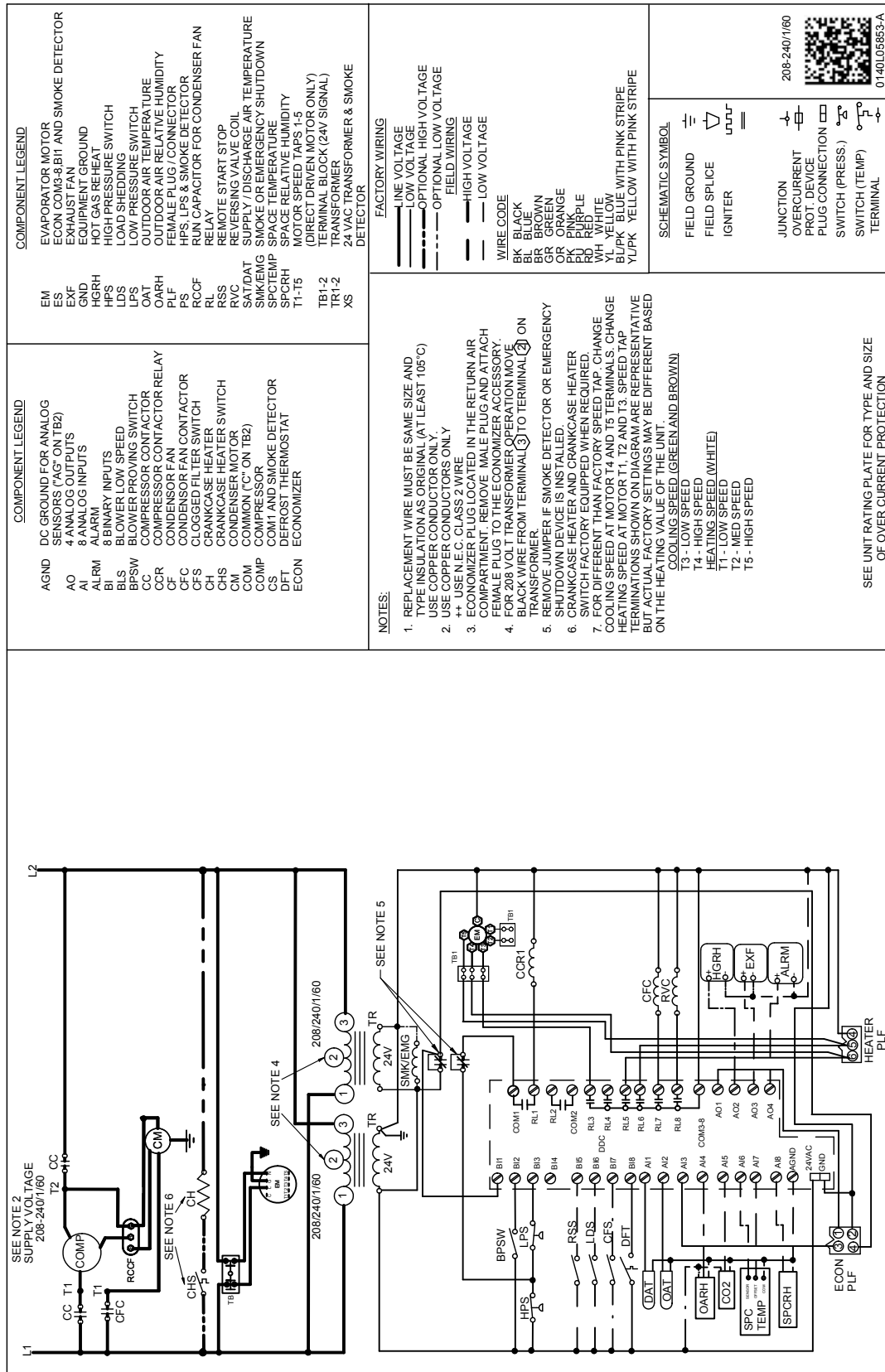
FOR COMPLETE INFORMATION AND INSTALLATION INSTRUCTIONS FOR MODELS
WITH DDC CONTROLS, SEE MANUAL DK-DDC-TGD-XXX



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.



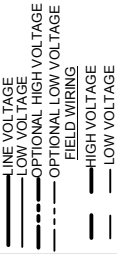
COMPONENT LEGEND

EM	EVAPORATOR MOTOR
ES	EMERGENCY STOP
EXF	EXHAUST FAN
GND	EQUIPMENT GROUND
HGRH	HOT GAS REHEAT
HPS	HIGH PRESSURE SWITCH
LDS	LOAD SHEDDING
LPS	LOW PRESSURE SWITCH
OAT	OUTDOOR AIR TEMPERATURE
OARH	OUTDOOR AIR RELATIVE HUMIDITY
PLF	FEMALE PLUG / CONNECTOR
PS	HPS, LPS & SMOKE DETECTOR
RCOF	RUN CAPACITOR FOR CONDENSER FAN RELAY
RSS	REMOTE START STOP
RVC	REVERSING VALVE COIL
SAT/DAT	SUPPLY / DISCHARGE AIR TEMPERATURE
SMK/EMG	SMOKE OR EMERGENCY SHUTDOWN
SPT/TEMP	SPACE TEMPERATURE
SPCRH	SPACE RELATIVE HUMIDITY
T1-15	MOTOR SPEED TAPS 1-5
TB1-2	(DIRECT DRIVEN MOTOR ONLY) TERMINAL BLOCK (24V SIGNAL)
TB1'-2	TRANSFORMER
XS	24VAC TRANSFORMER & SMOKE DETECTOR

COMPONENT LEGEND

AGND	DC GROUND FOR ANALOG
AO	SENSORS (A/C) ON TB2
AI	4 ANALOG OUTPUTS
ALRM	8 ANALOG INPUTS
BL	ALARM
BLS	8 BINARY INPUTS
BPSW	BLOWER LOW SPEED
CC	BLOWER PROVING SWITCH
CCR	COMPRESSOR CONTACTOR
CF	COMPRESSOR CONTACTOR RELAY
CFC	CONDENSOR FAN CONTACTOR
CH	CLOGGED FILTER SWITCH
CHS	CRANKCASE HEATER
CM	CONDENSER MOTOR
COM	COMMON (C) ON TB2
COMP	COMPRESSOR
CS	COM1 AND SMOKE DETECTOR
DFT	DEFROST THERMOSTAT
ECON	ECONOMIZER

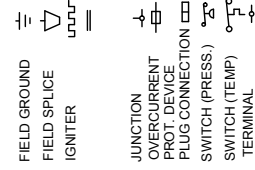
FACTORY WIRING



WIRE CODE

BK	BLACK
BL	BLUE
BR	BROWN
OR	ORANGE
GR	GREEN
PK	PINK
PJ	PURPLE
WH	WHITE
YL	YELLOW
BL/PK	BLUE WITH PINK STRIPE
YL/PK	YELLOW WITH PINK STRIPE

SCHEMATIC SYMBOL



208-240/1/60



0140L0585-A

NOTES:

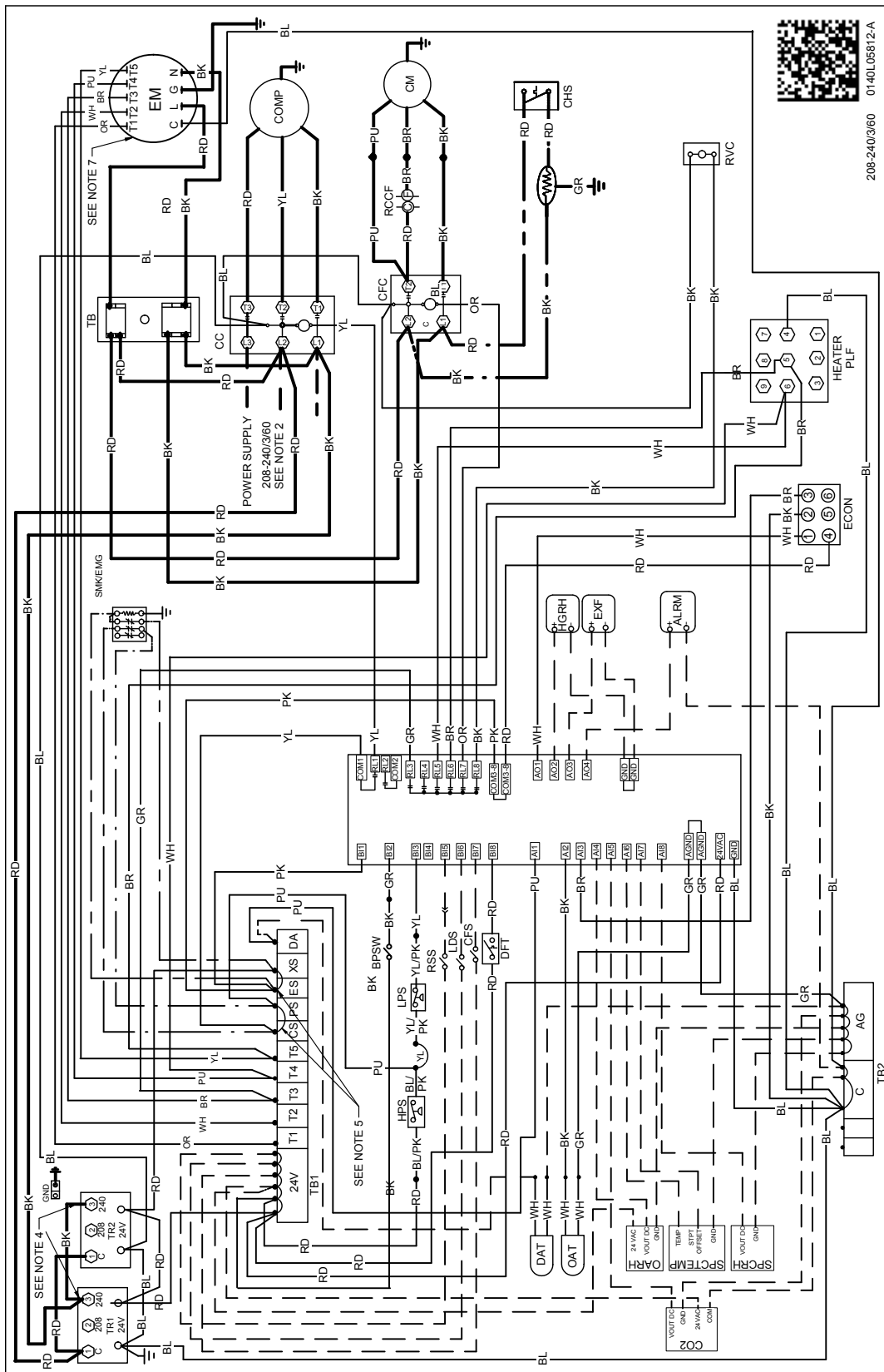
- REPLACEMENT WIRE MUST BE SAME SIZE AND TYPE INSULATION AS ORIGINAL (AT LEAST 105°C) USE COPPER CONDUCTOR ONLY.
- USE COPPER CONDUCTORS ONLY.
- USE N.E.C. CLASS 2 WIRE.
- ECONOMIZER PLUG LOCATED IN THE RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO THE ECONOMIZER ACCESSORY. FOR 208 VOLT TRANSFORMER OPERATION MOVE TRANSFORMER FROM TERMINAL (3) TO TERMINAL (2) ON TB1.
- REMOVE JUMPER IF SMOKE DETECTOR OR EMERGENCY SHUTDOWN DEVICE IS INSTALLED.
- CRANKCASE HEATER AND CRANKCASE HEATER SWITCH FACTORY EQUIPPED WHEN REQUIRED.
- FOR DIFFERENT THAN FACTORY SPEED TAP CHANGE COOLING SPEED AT MOTOR T4 AND T5 TERMINALS. CHANGE HEATING SPEED AT MOTOR T1, T2 AND T3. SPEED TAP TERMINATIONS SHOWN ON DIAGRAM ARE REPRESENTATIVE BUT ACTUAL FACTORY SETTINGS MAY BE DIFFERENT BASED ON THE HEATING VALUE OF THE UNIT.

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

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

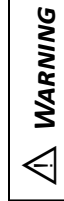


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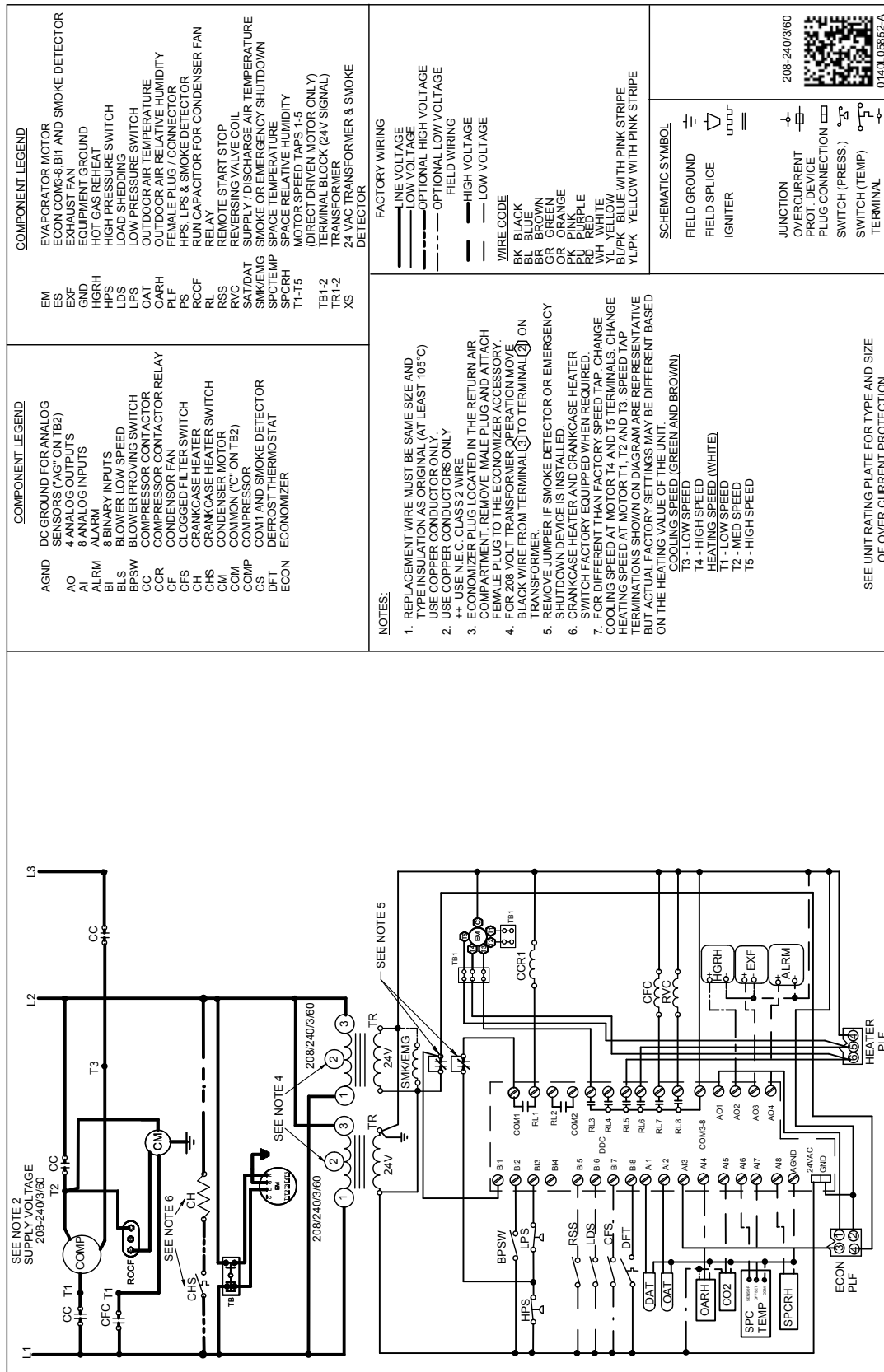
208-240/3/60 0140L05812-A

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



WARNING

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WARNING

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DAIKIN MASTER ITEM #	DESCRIPTION	FITS MODEL SIZES	FIELD- INSTALLED	FACTORY- INSTALLED	OPERATING WEIGHT (LBS)
	Curb				
14CURB3672	14" Roof Curb	3-5 tons	√		86
18CURB3672B	18" Roof Curb	3-5 tons	√		100
24CURB3672B	24" Roof Curb	3-5 tons	√		128
GHRC-3672	Hurricane Restraint Clips	3-5 tons	√		2
	Ultra Low-Leak Economizer & Power Exhaust¹				
1036609C	Ultra Low-Leak Downflow Economizer w/ Enthalpy	3-5 Tons	√	√	71
1039609	Ultra Low-Leak Horizontal Economizer w/ Enthalpy	3-5 Tons	√		71
104650921	Prop Power Exhaust 230v	3-5 Tons	√		55
	Low-Leak Economizer & Power Exhaust²				
DDNECNJ3672C	Low-Leak Downflow Economizer	3-5 tons	√	√	82
DPE36722	Downflow Power Exhaust (208/230 Volt)	3-5 tons	√		55
DINH3672B	Horizontal Economizer, Internally Mounted	3-5 tons	√		90
DHZEENJ3672	Horizontal Economizer	3-5 tons	√		70
DHPE36722	Horizontal Power Exhaust (208/230 Volt)	3-5 tons	√		55
	Downflow Accessories				
D25FD3672	25% Manual Fresh Air Damper	3-5 tons	√		12
D25MFD3672	25% Motorized Fresh Air Damper	3-5 tons	√		16
DDNBBS3672	Burglar Bar Sleeves with Supply & Return	3-5 tons	√		30
DDNECNJ3672NR	Downflow Economizer2 w/o Barometric Relief	3-5 tons	√		77
DDNSQRD3616	Downflow Square-to-Round Adapter (16" Round)	3 tons	√		45
DDNSQRD487218	Downflow Square-to-Round Adapter (18" Round)	4-5 tons	√		35
	Horizontal Accessories				
DBRD3672	Horizontal Barometric Relief Damper	3-5 tons	√		15
	Concentrics				
CDK36	Concentric Duct Kit	3 tons	√		27
CDK4872	Concentric Duct Kit	4-5 tons	√		27
	1 phase 208-230V Electric Heat Kits				
SPKT01	Single Point Wiring Kit 1phase Heat Kits	3-5 tons	√	√	
EHK1-10	10kw 208-230 1ph Electric Heat Kit	3-5 tons	√	√	21
EHK1-15	15kw 208-230 1ph Electric Heat Kit	3-5 tons	√	√	21
EHK1-18	18kw 208-230 1ph Electric Heat Kit	4 tons	√	√	21
EHK1-20	20kw 208-230 1ph Electric Heat Kit	5 tons	√	√	21
	3 phase 208-230V Electric Heat Kits				
SPKT02	Single Point Wiring Kit 3phase Heat Kits	3-5 tons	√	√	
EHK3-10	10kw 208-230 3ph Electric Heat Kit	3-5 tons	√	√	21
EHK3-15	15kw 208-230 3ph Electric Heat Kit	3-5 tons	√	√	21
EHK3-18	18kw 208-230 3ph Electric Heat Kit	4 tons	√	√	21

DAIKIN MASTER ITEM #	DESCRIPTION	FITS MODEL SIZES	FIELD- INSTALLED	FACTORY- INSTALLED	OPERATING WEIGHT (LBS)
EHK3-20	20kw 208-230 3ph Electric Heat Kit	5 tons	√	√	21
	DDC Accessories³				
	DDC communicating controller (built-in BACnet® MS/TP) includes Standard Room Sensor to be installed in field	3-5 tons		√	2
10366D09C	DDC Ultra Low-Leak Downflow Economizer	3-5 tons	√	√	71
10396D09	DDC Ultra Low-Leak Horizontal Economizer	3-5 tons	√		71
10465DDC	Power Exhaust kit used with DDC Ultra Low-Leak Economizer	3-5 tons	√		1
DLAKT01	Low-Ambient	3-5 tons	√	√	2
LONKT01	LonWorks® card	3-5 tons	√		1
3PMK01	Phase Monitor (3-Phase Only)	3-5 tons	√	√	2
DFSKT01	Dirty Filter Switch	3-5 tons	√		1
	Crankcase Heater Kits				
0163R00002S	40W 230V	3 tons	√		1
0130L00017S	70W 230V	4 - 5 tons	√		1
	High Efficiency Filters				
0160L00203	High Efficiency MERV 13 Air Filter Nom. Size: 24x24x2; (Order Qty 1)	3 tons	√		2
0160L00204	High Efficiency MERV 13 Air Filter Nom. Size: 14x20x2; (Order Qty 4)	4 tons	√		4
0160L00205	High Efficiency MERV 13 Air Filter Nom. Size: 16x20x2; (Order Qty 4)	5 tons	√		4
	Misc Accessories				
HAILGD03D	Condenser Coil Hail Guard	3-5 tons	√		19
HAILGD04D	Condenser Coil Hail Guard	5 tons	√		22
	Convenience Outlet: Non Powered	3-5 tons		√	2
	Convenience Outlet: Powered	3-5 tons		√	42
LAKT11	Low Ambient Kit, 208-230V - non-DDC	3-4 tons	√	√	14
LAKT12	Low Ambient Kit, 208-230V - non-DDC	5 tons	√	√	14
3PMNDK01	Phase Monitor (3-Phase Only) - Non DDC	3-5 tons	√	√	2
	Smoke Detector (supply and/or return air)	3-5 tons		√	11
	Hinged Panels	3-5 tons		√	10

¹ Use Economizer & Power Exhaust listed within Ultra Low-Leak section

² Use Economizer & Power Exhaust listed within Low-Leak section

³ For a full list of DDC accessories, please refer to DDC Controller Technical Guide manual (DK-DDC-TGD-01B)

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

