

COOLING CAPACITY: 18,000 TO 60,000 BTU/H
HEATING CAPACITY: 18,000 TO 60,000 BTU/H

**HIGH-EFFICIENCY
SPLIT SYSTEM HEAT PUMP
UP TO 16 SEER & 9.0 HSPF
1½ TO 5 TONS**



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Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit www.energystar.gov.

Standard Features

- High-efficiency scroll compressor
- SmartShift® technology to ensure quiet reliable defrost
- Single-speed PSC condenser fan motor
- Factory-installed bi-flow liquid-line filter drier
- Factory-installed suction-line accumulator
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- High- and low-pressure switches
- Service valves with sweat connections and easy access to gauge ports
- Copper tube/enhanced aluminum fin coil
- Fully charged for 15' of tubing length
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

Cabinet Features

- Goodman® brand sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Top and side maintenance access
- Service ports and controls are accessible while unit is operating
- When properly anchored, meets the 2017 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

10 PARTS
YEAR LIMITED
WARRANTY

2 UNIT
YEAR REPLACEMENT
LIMITED
WARRANTY









COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

COMPANY WITH
ENVIRONMENTAL SYSTEM
CERTIFIED BY DNV GL
= ISO 14001 =



* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the 2-Year Unit Replacement Limited Warranty and 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Quebec.

	G	S	Z	16	036	1	AA	
	1	2	3	4,5	6,7,8	9	10,11	
Brand	G Goodman® Brand						Engineering *	
							Major & Minor revisions * Not used for inventory control.	
Product Category	S Split System						Electrical	
							1- 208/230 V, 1 Phase, 60 Hz	
Unit Type	X Condenser R-410A Z Heat Pump R-410A						Nominal Capacity	
							018- 1½ tons 042 3½ Tons 024- 2 tons 048 4 Tons 030- 2½ tons 060 5 Tons 036- 3 tons	
Efficiency	13 13 SEER 16 16 SEER 14 14 SEER 18 18 SEER							

	GSZ16 0181B*	GSZ16 0241B*	GSZ16 0301B*	GSZ16 0361B*	GSZ16 0421B*	GSZ16 0481B*	GSZ16 0601B*
NOMINAL CAPACITIES							
Cooling (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Heating (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Decibels	72	75	75	73	73	74	76
COMPRESSOR							
RLA	9.0	10.9	13.4	14.1	16.7	19.9	28.8
LRA	47.5	62.9	72.5	72.2	109.0	109.0	152.9
Type	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR							
Horsepower	1/6	1/6	1/6	1/4	1/4	1/4	1/6
FLA	0.95	1.1	1.1	1.3	1.4	1.3	1.0
REFRIGERATION SYSTEM							
Refrigerant Line Size ¹							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge (oz.)	140	150	160	175	180	231	291
ELECTRICAL DATA							
Volts/Phase (60 Hz)	208/230	208/230	208/230	208/230	208/230	208/230	208/230
Minimum Circuit Ampacity ²	12.2	14.7	18.0	18.9	22.3	26.2	37.0
Max. Overcurrent Protection ³	20	25	30	30	35	45	60
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
UNIT WEIGHTS							
Equipment Weight	174	180	186	220	226	250	306
Shipping Weight	189	200	206	240	237	270	326
ENERGY STAR® CERTIFIED [^]							NO

^ Energy Star Notes

Proper sizing and installation of equipment is critical to achieving optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit www.energystar.gov.

The www.energystar.gov website provides up-to-date system combinations certified to meet ENERGY STAR requirements. See Page 21 for all ENERGY STAR certified combinations as of this document's revision date.

¹ Tested and rated in accordance with AHRI Standard 210/240

² Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

³ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 3/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil.
THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		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	18.4	18.7	19.2	20.1	18.3	18.5	19.1	19.9	17.8	18.0	18.6	19.4	17.0	17.2	17.8	18.6	15.9	16.2	16.8	17.6	15.0	15.3	15.8	16.7
	S/T	1.00	0.81	0.67	0.52	1.00	0.81	0.67	0.53	1.00	0.84	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	0.74	0.59	1.00	1.00	0.79	0.65
	Δ T	28	26	23	19	28	26	22	19	28	26	23	19	28	26	22	19	27	26	22	19	29	27	23	20
	KW	0.99	0.99	0.99	1.00	1.11	1.11	1.11	1.12	1.25	1.25	1.24	1.25	1.39	1.39	1.39	1.40	1.55	1.55	1.55	1.56	1.75	1.74	1.74	1.75
	Amps	4.2	4.2	4.2	4.2	4.7	4.7	4.7	4.8	5.4	5.4	5.3	5.4	6.0	6.0	6.0	6.1	6.8	6.8	6.8	6.8	7.6	7.6	7.6	7.7
	HI PR	234	235	236	240	270	271	273	277	309	310	312	316	350	351	353	357	395	396	398	402	443	444	445	450
	LO PR	128	129	133	138	136	137	140	146	142	144	147	153	148	150	153	158	154	155	159	164	161	162	166	171
	MBh	18.7	18.9	19.5	20.3	18.5	18.8	19.3	20.1	18.0	18.3	18.8	19.7	17.2	17.5	18.0	18.8	16.2	16.4	17.0	17.8	15.3	15.5	16.1	16.9
	S/T	1.00	0.87	0.73	0.58	1.00	0.87	0.73	0.59	1.00	1.00	0.76	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.66	1.00	1.00	1.00	0.71
	Δ T	27	25	21	18	27	25	21	18	27	25	22	18	27	25	21	18	26	25	21	18	27	26	22	19
KW	1.00	1.00	0.99	1.00	1.12	1.12	1.12	1.12	1.25	1.25	1.25	1.26	1.40	1.40	1.40	1.40	1.56	1.56	1.56	1.57	1.75	1.75	1.75	1.76	
Amps	4.2	4.2	4.2	4.2	4.8	4.8	4.8	4.8	5.4	5.4	5.4	5.4	6.1	6.0	6.0	6.1	6.8	6.8	6.8	6.8	7.7	7.7	7.7	7.7	
HI PR	236	237	238	242	272	273	275	279	311	312	314	318	352	353	355	359	397	398	400	404	445	446	447	451	
LO PR	130	131	135	140	137	139	142	148	144	146	149	154	150	152	155	160	156	157	160	166	163	164	167	173	
MBh	18.9	19.2	19.8	20.6	18.8	19.0	19.6	20.4	18.3	18.6	19.1	19.9	17.5	17.7	18.3	19.1	16.5	16.7	17.3	18.1	15.6	15.8	16.4	17.2	
S/T	1.00	0.90	0.76	0.62	1.00	0.91	0.77	0.62	1.00	1.00	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.84	0.69	1.00	1.00	1.00	0.74	
Δ T	26	24	21	17	26	24	20	17	26	24	21	17	26	24	20	17	25	24	20	17	27	25	21	18	
KW	1.00	1.00	1.00	1.01	1.12	1.12	1.12	1.13	1.26	1.26	1.26	1.26	1.40	1.40	1.40	1.41	1.57	1.57	1.57	1.57	1.76	1.76	1.75	1.76	
Amps	4.2	4.2	4.2	4.3	4.8	4.8	4.8	4.8	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.1	6.8	6.8	6.8	6.8	7.7	7.7	7.7	7.7	
HI PR	238	239	240	244	274	275	277	281	313	314	315	320	354	355	357	361	399	400	402	406	447	448	449	453	
LO PR	132	133	137	142	140	141	144	150	146	148	151	157	152	154	157	162	158	159	162	168	165	166	170	175	
85	MBh	18.7	19.0	19.5	20.4	18.6	18.8	19.4	20.2	18.1	18.3	18.9	19.7	17.3	17.5	18.1	18.9	16.3	16.5	17.1	17.9	15.3	15.6	16.1	17.0
	S/T	1.00	0.91	0.77	0.62	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	1.00	0.70	1.00	1.00	1.00	0.75
	Δ T	31	30	26	23	31	29	26	23	32	30	26	23	31	29	26	23	31	29	26	22	32	30	27	23
	KW	0.99	0.99	0.99	1.00	1.11	1.11	1.11	1.12	1.25	1.25	1.25	1.26	1.39	1.39	1.39	1.40	1.56	1.56	1.55	1.56	1.75	1.75	1.75	1.75
	Amps	4.2	4.2	4.2	4.2	4.8	4.7	4.7	4.8	5.4	5.4	5.4	5.4	6.0	6.0	6.0	6.1	6.8	6.8	6.8	6.8	7.7	7.6	7.6	7.7
	HI PR	235	236	237	241	271	272	274	278	310	311	313	317	351	352	354	358	396	397	399	403	444	445	447	451
	LO PR	130	131	135	140	138	139	142	148	144	146	149	155	150	152	155	160	156	157	160	166	163	164	168	173
	MBh	19.0	19.2	19.8	20.6	18.8	19.1	19.6	20.4	18.3	18.6	19.1	20.0	17.5	17.8	18.3	19.1	16.5	16.8	17.3	18.1	15.6	15.8	16.4	17.2
	S/T	1.00	0.97	0.83	0.69	1.00	1.00	0.84	0.69	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	1.00	0.76	1.00	1.00	1.00	0.81
	Δ T	30	28	25	21	30	28	25	21	30	29	25	22	30	28	25	21	30	28	25	21	31	29	26	22
KW	1.00	1.00	1.00	1.01	1.12	1.12	1.12	1.13	1.26	1.26	1.26	1.26	1.40	1.40	1.40	1.41	1.56	1.56	1.56	1.57	1.75	1.75	1.75	1.76	
Amps	4.2	4.2	4.2	4.3	4.8	4.8	4.8	4.8	5.4	5.4	5.4	5.4	6.1	6.1	6.0	6.1	6.8	6.8	6.8	6.8	7.7	7.7	7.7	7.7	
HI PR	237	238	239	243	273	274	276	280	312	313	315	319	353	354	356	360	398	399	401	405	446	447	449	453	
LO PR	132	133	136	142	139	141	144	150	146	148	151	156	152	153	157	162	158	159	162	168	165	166	169	175	
MBh	19.3	19.5	20.1	20.9	19.1	19.4	19.9	20.7	18.6	18.9	19.4	20.3	17.8	18.1	18.6	19.4	16.8	17.0	17.6	18.4	15.9	16.1	16.7	17.5	
S/T	1.00	1.00	0.87	0.72	1.00	1.00	0.87	0.73	1.00	1.00	0.90	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.80	1.00	1.00	1.00	0.85	
Δ T	29	27	24	21	29	27	24	21	30	28	24	21	29	27	24	20	29	27	24	20	30	28	25	21	
KW	1.01	1.00	1.00	1.01	1.13	1.12	1.12	1.13	1.26	1.26	1.26	1.27	1.41	1.41	1.40	1.41	1.57	1.57	1.57	1.57	1.76	1.76	1.76	1.77	
Amps	4.3	4.2	4.2	4.3	4.8	4.8	4.8	4.8	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.1	6.8	6.8	6.8	6.8	7.7	7.7	7.7	7.7	
HI PR	239	240	241	245	275	276	278	282	314	315	317	321	355	356	358	362	400	401	403	407	448	449	450	455	
LO PR	134	135	139	144	141	143	146	152	148	150	153	158	154	156	159	164	160	161	164	170	167	168	171	177	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI Rating Conditions.
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		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	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
	MBh	24.4	24.8	25.5	26.6	24.2	24.5	25.3	26.4	23.6	23.9	24.6	25.8	22.5	22.8	23.5	24.7	21.1	21.5	22.2	23.3	19.9	20.2	21.0	22.1
	S/T	0.62	0.54	0.40	0.39	0.62	0.55	0.41	0.39	0.65	0.57	0.43	0.42	1.00	0.59	0.45	0.44	1.00	0.62	0.48	0.46	1.00	0.67	0.53	0.52
	Δ T	20	18	15	15	20	18	14	14	20	18	15	15	20	18	14	14	19	18	14	14	21	19	15	15
	kW	1.33	1.32	1.32	1.33	1.49	1.48	1.48	1.49	1.66	1.66	1.66	1.67	1.86	1.86	1.85	1.86	2.07	2.07	2.07	2.07	2.32	2.32	2.32	2.32
	Amps	5.5	5.5	5.5	5.5	6.2	6.2	6.2	6.2	7.0	7.0	7.0	7.1	7.9	7.9	7.9	7.9	8.9	8.9	8.9	8.9	10.1	10.1	10.1	10.1
	HI PR	241	242	243	245	279	280	281	283	318	319	321	323	361	362	364	366	407	408	410	412	457	458	459	462
	LO PR	126	127	131	134	133	135	138	142	140	142	145	147	146	147	151	154	151	153	156	158	158	160	163	165
	MBh	24.7	25.1	25.8	26.2	24.5	24.9	25.6	26.0	23.9	24.2	25.0	25.3	22.8	23.1	23.9	24.2	21.4	21.8	22.5	22.9	20.2	20.6	21.3	21.7
	S/T	0.68	0.60	0.46	0.45	0.69	0.61	0.47	0.45	0.71	0.63	0.50	0.53	1.00	0.65	0.52	0.55	1.00	0.68	0.54	0.57	1.00	0.73	0.59	0.63
Δ T	19	17	13	13	19	17	13	13	19	17	14	13	19	17	13	13	18	17	13	13	19	18	14	14	
kW	1.33	1.33	1.33	1.33	1.49	1.49	1.49	1.49	1.67	1.67	1.67	1.67	1.86	1.86	1.86	1.86	2.08	2.08	2.08	2.08	2.33	2.33	2.33	2.33	
Amps	5.5	5.5	5.5	5.5	6.3	6.2	6.2	6.2	7.1	7.1	7.1	7.1	8.0	7.9	7.9	7.9	8.9	8.9	8.9	8.9	10.1	10.1	10.1	10.1	
HI PR	243	244	245	245	281	282	283	283	320	321	323	323	363	364	366	366	409	411	412	412	459	460	462	462	
LO PR	128	129	132	134	135	137	140	142	142	144	147	147	148	149	152	154	153	155	158	158	160	162	165	165	
MBh	25.1	25.5	26.2	26.2	24.9	25.2	26.0	26.0	24.3	24.6	25.3	25.3	23.2	23.5	24.2	24.2	21.8	22.2	22.9	22.9	20.6	21.0	21.7	21.7	
S/T	0.71	0.64	0.50	0.50	0.72	0.64	0.50	0.50	1.00	0.67	0.53	0.53	1.00	0.69	0.55	0.55	1.00	0.71	0.57	0.57	1.00	1.00	0.63	0.63	
Δ T	18	16	12	12	18	16	12	12	18	16	13	13	18	16	12	12	17	16	12	12	19	17	13	13	
kW	1.34	1.34	1.34	1.34	1.50	1.50	1.50	1.50	1.68	1.68	1.67	1.67	1.87	1.87	1.87	1.87	2.09	2.09	2.08	2.08	2.34	2.34	2.34	2.34	
Amps	5.6	5.6	5.5	5.5	6.3	6.3	6.3	6.3	7.1	7.1	7.1	7.1	8.0	8.0	8.0	8.0	9.0	9.0	9.0	9.0	10.1	10.1	10.1	10.1	
HI PR	245	246	247	247	283	284	285	285	322	323	325	325	365	366	368	368	411	413	414	414	461	462	463	463	
LO PR	130	131	134	134	137	139	142	142	144	146	149	149	150	151	154	154	155	157	160	160	162	164	167	167	
75	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
	MBh	24.4	24.8	25.5	26.6	24.2	24.6	25.3	26.4	23.6	23.9	24.6	25.8	22.5	22.8	23.6	24.7	21.1	21.5	22.2	23.3	19.9	20.3	21.0	22.1
	S/T	0.75	0.67	0.53	0.39	1.00	0.68	0.54	0.39	1.00	0.70	0.57	0.42	1.00	0.72	0.59	0.44	1.00	0.75	0.61	0.46	1.00	1.00	0.66	0.52
	Δ T	24	22	19	15	24	22	18	15	24	22	19	15	24	22	18	15	23	22	18	15	25	23	19	16
	kW	1.32	1.32	1.32	1.33	1.48	1.48	1.48	1.49	1.66	1.66	1.66	1.67	1.86	1.85	1.85	1.86	2.07	2.07	2.07	2.08	2.32	2.32	2.32	2.33
	Amps	5.5	5.5	5.5	5.5	6.2	6.2	6.2	6.3	7.0	7.0	7.0	7.1	7.9	7.9	7.9	7.9	8.9	8.9	8.9	8.9	10.1	10.1	10.1	10.1
	HI PR	241	242	244	248	279	280	282	286	319	320	321	326	361	363	364	368	408	409	410	415	457	458	460	464
	LO PR	126	127	131	136	133	135	138	144	140	142	145	150	146	147	151	156	151	153	156	161	158	160	163	168
	MBh	24.8	25.1	25.8	26.9	24.5	24.9	25.6	26.7	23.9	24.2	25.0	26.1	22.8	23.1	23.9	25.0	21.5	21.8	22.5	23.6	20.2	20.6	21.3	22.4
	S/T	0.81	0.73	0.60	0.45	1.00	0.74	0.60	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	1.00	1.00	0.67	0.52	1.00	1.00	0.72	0.58
Δ T	23	21	17	14	23	21	17	14	23	21	18	14	23	21	17	14	22	21	17	14	23	22	18	15	
kW	1.33	1.33	1.33	1.34	1.49	1.49	1.49	1.50	1.67	1.67	1.67	1.68	1.86	1.86	1.86	1.87	2.08	2.08	2.08	2.09	2.33	2.33	2.33	2.34	
Amps	5.5	5.5	5.5	5.6	6.3	6.2	6.2	6.3	7.1	7.1	7.0	7.1	7.9	7.9	7.9	8.0	8.9	8.9	8.9	9.0	10.1	10.1	10.1	10.1	
HI PR	243	244	246	250	281	282	284	288	321	322	323	328	364	365	366	370	410	411	412	417	459	460	462	466	
LO PR	128	129	132	138	135	137	140	145	142	144	147	152	148	149	152	158	153	155	158	163	160	162	165	170	
MBh	25.1	25.5	26.2	27.3	24.9	25.3	26.0	27.1	24.3	24.6	25.4	26.5	23.2	23.5	24.3	25.4	21.8	22.2	22.9	24.0	20.6	21.0	21.7	22.8	
S/T	0.85	0.77	0.63	0.48	1.00	0.77	0.64	0.49	1.00	0.80	0.66	0.52	1.00	0.82	0.68	0.54	1.00	1.00	0.70	0.56	1.00	1.00	0.76	0.61	
Δ T	22	20	16	13	22	20	16	13	22	20	17	13	22	20	16	13	21	20	16	13	23	21	17	14	
kW	1.34	1.34	1.34	1.35	1.50	1.50	1.50	1.51	1.68	1.68	1.67	1.69	1.87	1.87	1.87	1.88	2.09	2.08	2.08	2.09	2.34	2.34	2.33	2.35	
Amps	5.6	5.5	5.5	5.6	6.3	6.3	6.3	6.3	7.1	7.1	7.1	7.1	8.0	8.0	8.0	8.0	9.0	9.0	8.9	9.0	10.1	10.1	10.1	10.2	
HI PR	245	246	248	252	283	284	286	290	323	324	325	330	365	367	368	372	412	413	414	419	461	462	464	468	
LO PR	130	131	134	140	137	139	142	147	144	146	149	154	150	151	154	160	155	157	160	165	162	164	167	172	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) Rating Conditions.
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		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	MBh	29.4	29.8	30.7	-	29.1	29.5	30.4	-	28.3	28.8	29.6	-	27.0	27.4	28.3	-	25.4	25.8	26.7	-	23.9	24.4	25.2	-
	S/T	0.63	0.56	0.42	-	0.64	0.56	0.42	-	0.67	0.59	0.45	-	1.00	0.61	0.47	-	1.00	0.63	0.49	-	1.00	0.68	0.54	-
	Δ T	20	18	15	-	20	18	15	-	20	18	15	-	20	18	15	-	20	18	14	-	21	19	15	-
	kW	1.57	1.57	1.56	-	1.77	1.77	1.76	-	1.99	1.99	1.98	-	2.23	2.23	2.23	-	2.50	2.50	2.49	-	2.81	2.81	2.81	-
	Amps	6.5	6.4	6.4	-	7.4	7.4	7.3	-	8.4	8.4	8.4	-	9.5	9.5	9.5	-	10.7	10.7	10.7	-	12.2	12.1	12.1	-
	HI PR	246	247	249	-	285	286	288	-	325	327	328	-	369	370	372	-	416	417	419	-	467	468	469	-
	LO PR	124	125	129	-	131	133	136	-	138	140	143	-	144	145	148	-	149	151	154	-	156	157	161	-
	MBh	29.7	30.1	31.0	-	29.4	29.8	30.7	-	28.7	29.1	29.9	-	27.3	27.8	28.6	-	25.7	26.1	27.0	-	24.3	24.7	25.6	-
	S/T	0.68	0.60	0.46	-	0.69	0.61	0.47	-	0.71	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.73	0.59	-
	Δ T	19	17	14	-	19	17	14	-	19	17	14	-	19	17	14	-	19	17	13	-	20	18	15	-
kW	1.58	1.58	1.57	-	1.78	1.77	1.77	-	2.00	2.00	1.99	-	2.24	2.24	2.23	-	2.51	2.51	2.50	-	2.82	2.82	2.82	-	
Amps	6.5	6.5	6.5	-	7.4	7.4	7.4	-	8.4	8.4	8.4	-	9.5	9.5	9.5	-	10.8	10.7	10.7	-	12.2	12.2	12.2	-	
HI PR	248	249	251	-	287	288	289	-	327	328	330	-	371	372	374	-	418	419	421	-	468	469	471	-	
LO PR	125	127	130	-	133	134	138	-	140	141	144	-	145	147	150	-	151	152	155	-	157	159	162	-	
MBh	30.3	30.7	31.6	-	30.0	30.4	31.3	-	29.2	29.7	30.5	-	27.9	28.3	29.2	-	26.3	26.7	27.6	-	24.8	25.3	26.1	-	
S/T	0.72	0.64	0.50	-	0.73	0.65	0.51	-	0.75	0.67	0.54	-	1.00	0.69	0.56	-	1.00	0.72	0.58	-	1.00	0.77	0.63	-	
Δ T	18	16	13	-	18	16	12	-	18	16	13	-	18	16	12	-	18	16	12	-	19	17	13	-	
kW	1.59	1.59	1.58	-	1.79	1.78	1.78	-	2.01	2.01	2.00	-	2.25	2.25	2.24	-	2.52	2.52	2.51	-	2.83	2.83	2.83	-	
Amps	6.5	6.5	6.5	-	7.5	7.4	7.4	-	8.5	8.5	8.4	-	9.6	9.6	9.5	-	10.8	10.8	10.8	-	12.2	12.2	12.2	-	
HI PR	250	251	253	-	289	290	292	-	330	331	332	-	373	374	376	-	421	422	423	-	471	472	474	-	
LO PR	128	129	133	-	135	137	140	-	142	144	147	-	148	149	152	-	153	155	158	-	160	161	165	-	

75	MBh	29.4	29.8	30.7	32.0	29.1	29.5	30.4	31.7	28.4	28.8	29.6	31.0	27.0	27.5	28.3	29.7	25.4	25.8	26.7	28.1	24.0	24.4	25.2	26.6
	S/T	0.77	0.69	0.55	0.40	0.77	0.69	0.56	0.41	1.00	0.72	0.58	0.43	1.00	0.74	0.60	0.45	1.00	0.76	0.62	0.48	1.00	1.00	0.68	0.53
	Δ T	24	22	19	15	24	22	19	15	24	22	19	15	24	22	19	15	24	22	18	15	25	23	20	16
	kW	1.57	1.57	1.56	1.58	1.77	1.76	1.76	1.78	1.99	1.99	1.98	2.00	2.23	2.23	2.22	2.24	2.50	2.50	2.49	2.51	2.81	2.81	2.81	2.82
	Amps	6.4	6.4	6.4	6.5	7.4	7.4	7.3	7.4	8.4	8.4	8.4	8.4	9.5	9.5	9.5	9.5	10.7	10.7	10.7	10.8	12.2	12.1	12.1	12.2
	HI PR	246	247	249	253	285	286	288	292	326	327	328	333	369	370	372	376	417	418	419	424	467	468	470	474
	LO PR	124	125	129	134	131	133	136	141	138	140	143	148	144	145	148	154	149	151	154	159	156	157	161	166
	MBh	29.7	30.1	31.0	32.3	29.4	29.9	30.7	32.1	28.7	29.1	30.0	31.3	27.4	27.8	28.6	30.0	25.8	26.2	27.0	28.4	24.3	24.7	25.6	26.9
	S/T	0.81	0.74	0.60	0.45	0.82	0.74	0.60	0.46	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.50	1.00	0.81	0.67	0.53	1.00	1.00	0.72	0.58
	Δ T	23	21	18	14	23	21	18	14	23	21	18	14	23	21	18	14	23	21	17	14	24	22	19	15
kW	1.58	1.57	1.57	1.59	1.77	1.77	1.77	1.78	2.00	2.00	1.99	2.01	2.24	2.24	2.23	2.25	2.51	2.50	2.50	2.52	2.82	2.82	2.82	2.83	
Amps	6.5	6.5	6.5	6.5	7.4	7.4	7.4	7.4	8.4	8.4	8.4	8.5	9.5	9.5	9.5	9.6	10.7	10.7	10.7	10.8	12.2	12.2	12.2	12.2	
HI PR	248	249	251	255	287	288	290	294	327	328	330	334	371	372	374	378	418	419	421	425	469	470	471	476	
LO PR	125	127	130	135	133	134	138	143	140	141	144	149	145	147	150	155	151	152	155	161	157	159	162	167	
MBh	30.3	30.7	31.6	32.9	30.0	30.4	31.3	32.6	29.3	29.7	30.5	31.9	27.9	28.4	29.2	30.6	26.3	26.7	27.6	29.0	24.9	25.3	26.2	27.5	
S/T	0.85	0.78	0.64	0.49	1.00	0.78	0.64	0.50	1.00	0.81	0.67	0.52	1.00	0.83	0.69	0.54	1.00	1.00	0.71	0.56	1.00	1.00	0.76	0.62	
Δ T	22	20	17	13	22	20	17	13	22	20	17	13	22	20	17	13	22	20	16	13	23	21	17	14	
kW	1.59	1.58	1.58	1.60	1.79	1.78	1.78	1.80	2.01	2.01	2.00	2.02	2.25	2.25	2.24	2.26	2.52	2.51	2.51	2.53	2.83	2.83	2.83	2.84	
Amps	6.5	6.5	6.5	6.6	7.4	7.4	7.4	7.5	8.5	8.5	8.4	8.5	9.6	9.6	9.5	9.6	10.8	10.8	10.8	10.8	12.2	12.2	12.2	12.3	
HI PR	250	252	253	258	289	290	292	296	330	331	333	337	374	375	376	381	421	422	424	428	471	472	474	478	
LO PR	128	129	133	138	135	137	140	145	142	144	147	152	148	149	152	158	153	155	158	163	160	161	165	170	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) Rating Conditions.
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

IDB	Airflow	Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature												
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	1050	MBh	35.3	35.7	36.8	-	34.9	35.4	36.5	-	34.0	34.5	35.6	-	32.5	33.0	34.0	-	30.6	31.0	32.1	-	28.8	29.3	30.3	-
		S/T	0.66	0.59	0.45	-	0.67	0.59	0.46	-	0.69	0.62	0.48	-	1.00	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.71	0.58	-
	Δ T	19	17	14	-	19	17	14	-	20	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-	
	kW	1.89	1.88	1.88	-	2.12	2.12	2.11	-	2.38	2.38	2.37	-	2.66	2.66	2.65	-	2.97	2.97	2.97	-	3.34	3.34	3.33	-	
	Amps	7.7	7.7	7.7	-	8.8	8.8	8.7	-	10.0	10.0	9.9	-	11.2	11.2	11.2	-	12.7	12.7	12.7	-	14.4	14.4	14.3	-	
	HI PR	248	249	251	-	287	288	290	-	328	329	331	-	372	373	374	-	419	420	422	-	469	470	472	-	
	LO PR	124	125	128	-	131	133	136	-	138	139	142	-	143	145	148	-	149	150	153	-	155	157	160	-	
	MBh	35.9	36.4	37.4	-	35.6	36.1	37.1	-	34.7	35.2	36.2	-	33.1	33.6	34.6	-	31.2	31.7	32.7	-	29.4	29.9	31.0	-	
	S/T	0.70	0.62	0.49	-	0.71	0.63	0.50	-	0.73	0.66	0.52	-	1.00	0.67	0.54	-	1.00	0.70	0.56	-	1.00	0.75	0.61	-	
	Δ T	18	16	13	-	18	16	13	-	18	17	13	-	18	16	13	-	18	16	12	-	19	17	14	-	
kW	1.90	1.89	1.89	-	2.13	2.13	2.12	-	2.39	2.39	2.38	-	2.67	2.67	2.66	-	2.98	2.98	2.98	-	3.35	3.35	3.35	-		
Amps	7.8	7.8	7.7	-	8.8	8.8	8.8	-	10.0	10.0	10.0	-	11.3	11.3	11.3	-	12.7	12.7	12.7	-	14.4	14.4	14.4	-		
HI PR	251	252	253	-	289	290	292	-	330	331	333	-	374	375	377	-	421	422	424	-	472	473	474	-		
LO PR	126	128	131	-	133	135	138	-	140	141	145	-	145	147	150	-	151	152	155	-	158	159	162	-		
MBh	36.7	37.2	38.2	-	36.4	36.9	37.9	-	35.5	35.9	37.0	-	33.9	34.4	35.4	-	32.0	32.5	33.5	-	30.2	30.7	31.8	-		
S/T	0.71	0.63	0.50	-	0.71	0.64	0.50	-	0.74	0.66	0.53	-	1.00	0.68	0.55	-	1.00	0.70	0.57	-	1.00	0.76	0.62	-		
Δ T	17	15	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	12	-	18	16	13	-		
kW	1.91	1.90	1.90	-	2.14	2.14	2.13	-	2.40	2.40	2.39	-	2.68	2.68	2.67	-	2.99	2.99	2.99	-	3.36	3.36	3.36	-		
Amps	7.8	7.8	7.8	-	8.9	8.9	8.8	-	10.1	10.0	10.0	-	11.3	11.3	11.3	-	12.8	12.8	12.8	-	14.5	14.5	14.4	-		
HI PR	253	254	256	-	292	293	295	-	332	334	335	-	376	377	379	-	424	425	426	-	474	475	477	-		
LO PR	129	130	133	-	136	138	141	-	143	144	147	-	148	150	153	-	153	155	158	-	160	162	165	-		

IDB	Airflow	Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
75	1050	MBh	35.3	35.8	36.8	38.4	35.0	35.5	36.5	38.1	34.1	34.5	35.6	37.2	32.5	33.0	34.0	35.6	30.6	31.1	32.1	33.7	28.8	29.3	30.4	32.0
		S/T	0.79	0.72	0.58	0.44	0.80	0.72	0.59	0.44	1.00	0.75	0.61	0.47	1.00	0.77	0.63	0.49	1.00	0.79	0.65	0.51	1.00	1.00	0.70	0.56
	Δ T	23	22	18	14	23	22	18	14	24	22	18	15	23	21	18	14	23	21	18	14	24	22	19	15	
	kW	1.88	1.88	1.88	1.90	2.12	2.11	2.11	2.13	2.38	2.37	2.37	2.39	2.66	2.65	2.65	2.67	2.97	2.97	2.96	2.98	3.34	3.34	3.33	3.35	
	Amps	7.7	7.7	7.7	7.8	8.8	8.8	8.7	8.8	10.0	9.9	9.9	10.0	11.2	11.2	11.2	11.3	12.7	12.7	12.6	12.7	14.4	14.3	14.3	14.4	
	HI PR	248	250	251	256	287	288	290	294	328	329	331	335	372	373	375	379	419	420	422	426	469	471	472	477	
	LO PR	124	125	128	134	131	133	136	141	138	139	142	147	143	145	148	153	149	150	153	158	155	157	160	165	
	MBh	35.9	36.4	37.4	39.0	35.6	36.1	37.1	38.7	34.7	35.2	36.2	37.8	33.1	33.6	34.7	36.2	31.2	31.7	32.7	34.3	29.5	30.0	31.0	32.6	
	S/T	0.83	0.75	0.62	0.48	1.00	0.76	0.62	0.48	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	0.83	0.69	0.55	1.00	1.00	0.74	0.60	
	Δ T	22	20	17	13	22	20	17	13	23	21	17	14	22	20	17	13	22	20	17	13	23	21	18	14	
kW	1.90	1.89	1.89	1.91	2.13	2.13	2.12	2.14	2.39	2.39	2.38	2.40	2.67	2.67	2.66	2.68	2.98	2.98	2.98	2.99	3.35	3.35	3.34	3.36		
Amps	7.8	7.7	7.7	7.8	8.8	8.8	8.8	8.9	10.0	10.0	10.0	10.1	11.3	11.3	11.3	11.3	12.7	12.7	12.7	12.8	14.4	14.4	14.4	14.5		
HI PR	251	252	254	258	290	291	292	297	330	331	333	337	374	375	377	381	421	422	424	428	472	473	475	479		
LO PR	126	128	131	136	133	135	138	143	140	141	145	150	145	147	150	155	151	152	155	161	158	159	162	167		
MBh	36.7	37.2	38.2	39.8	36.4	36.9	37.9	39.5	35.5	36.0	37.0	38.6	33.9	34.4	35.4	37.0	32.0	32.5	33.5	35.1	30.3	30.7	31.8	33.4		
S/T	0.84	0.76	0.63	0.48	1.00	0.77	0.63	0.49	1.00	0.79	0.66	0.51	1.00	0.81	0.68	0.53	1.00	1.00	0.70	0.56	1.00	1.00	0.75	0.61		
Δ T	21	20	16	12	21	19	16	12	22	20	16	13	21	19	16	12	21	19	16	12	22	20	17	13		
kW	1.91	1.90	1.90	1.92	2.14	2.14	2.13	2.15	2.40	2.40	2.39	2.41	2.68	2.68	2.67	2.69	2.99	2.99	2.99	3.00	3.36	3.36	3.35	3.37		
Amps	7.8	7.8	7.8	7.9	8.9	8.9	8.8	8.9	10.1	10.0	10.0	10.1	11.3	11.3	11.3	11.4	12.8	12.8	12.7	12.8	14.5	14.4	14.4	14.5		
HI PR	253	254	256	260	292	293	295	299	333	334	335	340	377	378	379	384	424	425	427	431	474	475	477	481		
LO PR	129	130	133	138	136	138	141	146	143	144	147	151	148	150	153	158	153	155	158	163	160	162	165	170		

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) Rating Conditions.
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

IDB		Outdoor Ambient Temperature												105°F												115°F																																																																																																																								
		65°F						75°F						85°F						95°F						105°F						115°F																																																																																																																		
		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																																																																																																													
Airflow		59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79	59	63	67	71	75	79																																																																																																													
1050		35.5	35.9	37.0	38.6	35.1	35.6	36.7	38.3	34.2	34.7	35.8	37.4	32.7	33.2	34.2	35.8	30.8	31.2	32.3	33.9	29.0	29.5	30.5	32.1	1.00	0.84	0.71	0.56	1.00	0.85	0.71	0.57	1.00	0.87	0.74	0.59	1.00	0.89	0.76	0.61	1.00	1.00	0.78	0.64	1.00	1.00	0.83	0.69	28	26	22	19	28	26	22	19	28	26	22	19	28	26	22	18	27	25	22	18	29	27	23	19	1.88	1.88	1.88	1.90	2.12	2.12	2.11	2.13	2.38	2.37	2.37	2.39	2.66	2.66	2.65	2.67	2.97	2.97	2.97	2.97	2.98	3.34	3.34	3.33	3.35	249	250	252	256	288	289	291	295	328	329	331	336	372	373	375	379	419	421	422	427	470	471	473	477	127	128	131	136	132	133	136	142	138	140	143	148	144	145	148	153	149	151	154	159	156	157	160	166
80		36.1	36.6	37.6	39.2	35.8	36.3	37.3	38.9	34.9	35.4	36.4	38.0	33.3	33.8	34.8	36.4	31.4	31.9	32.9	34.5	29.7	30.1	31.2	32.8	1.00	0.88	0.74	0.60	1.00	0.88	0.75	0.61	1.00	0.91	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.87	0.72	27	25	21	17	26	25	21	17	27	25	21	18	26	25	21	17	26	24	21	17	27	26	22	18	1.90	1.89	1.89	1.91	2.13	2.13	2.12	2.14	2.39	2.39	2.38	2.40	2.67	2.67	2.66	2.68	2.98	2.98	2.98	2.98	2.99	3.35	3.35	3.34	3.36	251	252	254	258	290	291	293	297	331	332	334	338	375	376	377	382	422	423	425	429	472	473	475	479	129	131	134	139	137	138	141	146	143	145	148	153	149	150	153	158	154	156	161	158	161	162	165	171
1350		36.9	37.4	38.4	40.0	36.6	37.1	38.1	39.7	35.7	36.1	37.2	38.8	34.1	34.6	35.6	37.2	32.2	32.7	33.7	35.3	30.4	30.9	32.0	33.6	1.00	0.89	0.75	0.61	1.00	0.89	0.76	0.61	1.00	0.92	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	0.87	0.73	26	24	20	17	26	24	20	16	26	24	20	17	26	24	20	16	25	23	20	16	26	25	21	17	1.91	1.90	1.90	1.92	2.14	2.14	2.13	2.15	2.40	2.40	2.39	2.41	2.68	2.68	2.67	2.69	2.99	2.99	2.99	2.99	3.00	3.36	3.36	3.35	3.37	254	255	256	261	292	294	295	300	333	334	336	340	377	378	380	384	424	425	427	431	475	476	477	482	129	131	134	139	137	138	141	146	143	145	148	153	149	150	153	158	154	156	161	158	161	162	165	171
85		36.0	36.5	37.6	39.2	35.7	36.2	37.3	38.8	34.8	35.3	36.3	37.9	33.3	33.7	34.8	36.4	31.3	31.8	32.9	34.5	29.6	30.1	31.1	32.7	1.00	0.94	0.81	0.66	1.00	0.95	0.81	0.67	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.71	1.00	1.00	0.88	0.74	1.00	1.00	0.87	0.73	31	29	26	22	31	29	26	22	32	30	26	22	31	29	26	22	31	29	26	22	32	30	27	23	1.89	1.89	1.88	1.90	2.12	2.12	2.12	2.13	2.38	2.38	2.38	2.39	2.66	2.66	2.66	2.67	2.98	2.97	2.97	2.99	3.34	3.34	3.34	3.36	250	251	253	257	289	290	292	296	330	331	332	337	373	374	376	380	421	422	423	428	471	472	474	478	126	128	131	136	134	135	138	143	140	142	145	150	146	147	150	155	151	152	156	161	158	159	162	167	
1200		36.7	37.2	38.2	39.8	36.4	36.9	37.9	39.5	35.5	35.9	37.0	38.6	33.9	34.4	35.4	37.0	32.0	32.5	33.5	35.1	30.2	30.7	31.8	33.4	1.00	0.98	0.84	0.70	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	0.92	0.77	1.00	1.00	0.87	0.73	30	28	25	21	30	28	25	21	30	29	25	21	30	28	25	21	30	28	25	21	31	29	26	22	1.90	1.90	1.89	1.91	2.13	2.13	2.13	2.15	2.39	2.39	2.39	2.40	2.67	2.67	2.67	2.69	2.99	2.99	2.98	3.00	3.36	3.35	3.35	3.37	252	253	255	259	291	292	294	298	332	333	335	339	376	377	379	383	423	424	426	430	473	474	476	480	128	130	133	138	136	137	140	146	142	144	147	152	148	149	152	158	153	155	158	163	160	161	165	170	
1350		37.5	37.9	39.0	40.6	37.1	37.6	38.7	40.3	36.2	36.7	37.8	39.4	34.7	35.2	36.2	37.8	32.8	33.3	34.3	35.9	31.0	31.5	32.6	34.1	1.00	0.99	0.85	0.71	1.00	1.00	0.86	0.71	1.00	1.00	0.88	0.74	1.00	1.00	0.90	0.76	1.00	1.00	0.82	0.68	1.00	1.00	0.87	0.73	29	27	24	20	29	27	24	20	30	28	24	20	29	27	24	20	29	27	24	20	30	28	25	21	1.91	1.91	1.90	1.92	2.14	2.14	2.14	2.16	2.40	2.40	2.40	2.41	2.68	2.68	2.68	2.70	3.00	2.99	2.99	3.01	3.37	3.36	3.36	3.38	255	256	258	262	294	295	296	301	334	335	337	341	378	379	381	385	425	426	428	432	476	477	479	483	131	133	136	141	138	140	143	148	145	146	149	155	150	151	155	160	156	157	160	166	163	164	167	172	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI Rating Conditions.
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

IDB		OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		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	MbH	40.2	40.8	41.9	-	39.8	40.4	41.6	-	38.8	39.4	40.6	-	37.0	37.6	38.8	-	34.8	35.4	36.6	-	32.9	33.4	34.6	-
	S/T	0.64	0.57	0.44	-	0.65	0.58	0.44	-	0.67	0.60	0.47	-	0.69	0.62	0.49	-	1.00	0.64	0.51	-	1.00	0.69	0.56	-
	Δ T	20	18	14	-	20	18	14	-	20	18	15	-	20	18	14	-	20	18	14	-	21	19	15	-
	kW	2.13	2.13	2.13	-	2.40	2.40	2.40	-	2.71	2.70	2.70	-	3.03	3.03	3.02	-	3.40	3.39	3.39	-	3.82	3.82	3.82	-
	Amps	8.5	8.5	8.5	-	9.7	9.7	9.7	-	11.1	11.1	11.1	-	12.6	12.6	12.6	-	14.3	14.3	14.2	-	16.2	16.2	16.2	-
	HI PR	247	248	249	-	285	286	288	-	326	327	329	-	369	370	372	-	416	417	419	-	466	467	469	-
	LO PR	121	123	126	-	129	130	133	-	135	136	140	-	140	142	145	-	146	147	150	-	152	154	157	-
	MbH	41.4	42.0	43.2	-	41.1	41.6	42.8	-	40.0	40.6	41.8	-	38.3	38.8	40.0	-	36.1	36.6	37.8	-	34.1	34.7	35.8	-
	S/T	0.69	0.61	0.48	-	0.69	0.62	0.49	-	0.72	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-
	Δ T	18	16	13	-	18	16	13	-	19	17	13	-	18	16	13	-	18	16	12	-	19	17	14	-
kW	2.15	2.15	2.15	-	2.42	2.42	2.42	-	2.73	2.72	2.72	-	3.05	3.05	3.05	-	3.42	3.41	3.41	-	3.84	3.84	3.84	-	
Amps	8.6	8.6	8.6	-	9.8	9.8	9.8	-	11.2	11.2	11.2	-	12.7	12.7	12.7	-	14.4	14.3	14.3	-	16.3	16.3	16.3	-	
HI PR	250	251	253	-	289	290	292	-	329	331	332	-	373	374	376	-	420	421	423	-	470	471	473	-	
LO PR	125	127	130	-	132	134	137	-	139	140	143	-	144	146	149	-	149	151	154	-	156	158	161	-	
MbH	42.5	43.1	44.3	-	42.2	42.7	43.9	-	41.1	41.7	42.9	-	39.4	39.9	41.1	-	37.2	37.7	38.9	-	35.2	35.7	36.9	-	
S/T	0.68	0.60	0.47	-	0.68	0.61	0.48	-	0.71	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.72	0.59	-	
Δ T	17	15	12	-	17	15	12	-	18	16	12	-	17	15	12	-	17	15	11	-	18	16	13	-	
kW	2.17	2.16	2.16	-	2.44	2.43	2.43	-	2.74	2.74	2.73	-	3.06	3.06	3.06	-	3.43	3.43	3.42	-	3.86	3.85	3.85	-	
Amps	8.6	8.6	8.6	-	9.9	9.9	9.8	-	11.3	11.2	11.2	-	12.7	12.7	12.7	-	14.4	14.4	14.4	-	16.4	16.4	16.3	-	
HI PR	253	254	256	-	292	293	294	-	332	333	335	-	376	377	378	-	423	424	425	-	473	474	476	-	
LO PR	128	130	133	-	135	137	140	-	142	143	146	-	147	149	152	-	153	154	157	-	159	161	164	-	

75	MbH	40.2	40.8	42.0	43.8	39.9	40.4	41.6	43.4	38.8	39.4	40.6	42.4	37.0	37.6	38.8	40.6	34.9	35.4	36.6	38.4	32.9	33.4	34.6	36.4
	S/T	0.77	0.69	0.56	0.43	0.77	0.70	0.57	0.43	1.00	0.72	0.59	0.46	1.00	0.74	0.61	0.47	1.00	0.76	0.63	0.50	1.00	0.81	0.68	0.55
	Δ T	24	22	19	15	24	22	19	15	25	23	19	15	24	22	19	15	24	22	18	15	25	23	20	16
	kW	2.13	2.13	2.13	2.15	2.40	2.40	2.40	2.42	2.70	2.70	2.70	2.72	3.03	3.03	3.02	3.04	3.39	3.39	3.39	3.41	3.82	3.82	3.82	3.84
	Amps	8.5	8.5	8.4	8.5	9.7	9.7	9.7	9.8	11.1	11.1	11.1	11.2	12.6	12.6	12.6	12.7	14.3	14.2	14.2	14.3	16.2	16.2	16.2	16.3
	HI PR	247	248	250	254	286	287	288	293	326	327	329	333	369	371	372	377	416	417	419	423	467	468	469	474
	LO PR	121	123	126	131	129	130	133	138	135	136	140	145	140	142	145	150	146	147	150	155	152	154	157	162
	MbH	41.5	42.0	43.2	45.0	41.1	41.7	42.8	44.7	40.1	40.6	41.8	43.6	38.3	38.8	40.0	41.8	36.1	36.7	37.9	39.7	34.1	34.7	35.9	37.7
	S/T	0.81	0.74	0.61	0.47	0.82	0.74	0.61	0.47	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.54	1.00	1.00	0.73	0.59
	Δ T	23	21	17	13	23	21	17	13	23	21	17	13	23	21	17	13	22	20	17	13	24	22	18	14
kW	2.15	2.15	2.15	2.17	2.42	2.42	2.42	2.44	2.72	2.72	2.72	2.74	3.05	3.05	3.04	3.06	3.41	3.41	3.41	3.43	3.84	3.84	3.84	3.86	
Amps	8.6	8.6	8.5	8.6	9.8	9.8	9.8	9.9	11.2	11.2	11.2	11.3	12.7	12.7	12.7	12.7	14.4	14.3	14.3	14.4	16.3	16.3	16.3	16.4	
HI PR	251	252	253	258	289	290	292	296	330	331	332	337	373	374	376	380	420	421	423	427	470	471	473	477	
LO PR	125	127	130	135	132	134	137	142	139	140	143	148	144	146	149	154	149	151	154	159	156	158	161	166	
MbH	42.5	43.1	44.3	46.1	42.2	42.8	43.9	45.8	41.2	41.7	42.9	44.7	39.4	39.9	41.1	42.9	37.2	37.8	38.9	40.8	35.2	35.8	37.0	38.8	
S/T	0.80	0.73	0.60	0.46	1.00	0.73	0.60	0.46	1.00	0.76	0.63	0.49	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	1.00	0.72	0.58	
Δ T	22	20	16	12	22	20	16	12	22	20	16	12	22	20	16	12	21	19	16	12	23	21	17	13	
kW	2.16	2.16	2.16	2.18	2.43	2.43	2.43	2.45	2.74	2.73	2.73	2.75	3.06	3.06	3.06	3.08	3.43	3.42	3.42	3.44	3.85	3.85	3.85	3.87	
Amps	8.6	8.6	8.6	8.7	9.9	9.9	9.8	9.9	11.2	11.2	11.2	11.3	12.7	12.7	12.7	12.8	14.4	14.4	14.4	14.5	16.4	16.4	16.3	16.4	
HI PR	253	254	256	260	292	293	295	299	332	333	335	339	376	377	379	383	423	424	426	430	473	474	476	480	
LO PR	128	130	133	138	136	137	140	145	142	143	146	152	147	149	152	157	153	154	157	162	159	161	164	169	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) Rating Conditions.
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		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	MBh	46.4	47.0	48.4	-	46.0	46.6	48.0	-	44.8	45.4	46.8	-	42.7	43.4	44.7	-	40.2	40.9	42.2	-	37.9	38.6	39.9	-
	S/T	0.65	0.58	0.45	-	0.66	0.59	0.45	-	0.69	0.61	0.48	-	0.70	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.70	0.57	-
	Δ T	19	17	14	-	19	17	14	-	19	18	14	-	19	17	14	-	19	17	13	-	20	18	15	-
	kW	2.47	2.47	2.46	-	2.78	2.77	2.77	-	3.12	3.12	3.12	-	3.50	3.50	3.49	-	3.92	3.91	3.91	-	4.41	4.40	4.40	-
	Amps	10.0	10.0	10.0	-	11.4	11.4	11.4	-	13.0	13.0	13.0	-	14.7	14.7	14.7	-	16.6	16.6	16.6	-	18.9	18.9	18.8	-
	HI PR	246	247	249	-	284	285	287	-	324	326	327	-	368	369	371	-	415	416	417	-	465	466	467	-
	LO PR	121	123	126	-	128	130	133	-	135	136	139	-	140	142	145	-	145	147	150	-	152	153	156	-
	MBh	47.2	47.9	49.2	-	46.8	47.5	48.8	-	45.6	46.3	47.6	-	43.6	44.2	45.6	-	41.0	41.7	43.1	-	38.7	39.4	40.8	-
	S/T	0.69	0.62	0.48	-	0.70	0.62	0.49	-	0.72	0.65	0.51	-	0.74	0.67	0.53	-	1.00	0.69	0.55	-	1.00	0.74	0.60	-
	Δ T	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	12	-	19	17	14	-
kW	2.48	2.48	2.47	-	2.79	2.79	2.78	-	3.14	3.14	3.13	-	3.51	3.51	3.51	-	3.93	3.93	3.92	-	4.42	4.42	4.41	-	
Amps	10.1	10.1	10.0	-	11.5	11.5	11.5	-	13.1	13.1	13.0	-	14.8	14.8	14.8	-	16.7	16.7	16.7	-	18.9	18.9	18.9	-	
HI PR	248	249	251	-	287	288	289	-	327	328	330	-	370	371	373	-	417	418	420	-	467	468	470	-	
LO PR	123	125	128	-	131	132	135	-	137	138	141	-	142	144	147	-	148	149	152	-	154	156	159	-	
MBh	48.3	48.9	50.3	-	47.8	48.5	49.9	-	46.6	47.3	48.7	-	44.6	45.2	46.6	-	42.1	42.7	44.1	-	39.8	40.4	41.8	-	
S/T	0.70	0.62	0.49	-	0.70	0.63	0.50	-	0.73	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.69	0.56	-	1.00	0.75	0.61	-	
Δ T	17	15	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	11	-	18	16	13	-	
kW	2.50	2.49	2.49	-	2.81	2.80	2.80	-	3.15	3.15	3.14	-	3.53	3.52	3.52	-	3.94	3.94	3.94	-	4.44	4.43	4.43	-	
Amps	10.1	10.1	10.1	-	11.6	11.5	11.5	-	13.1	13.1	13.1	-	14.8	14.8	14.8	-	16.8	16.8	16.7	-	19.0	19.0	19.0	-	
HI PR	250	251	253	-	289	290	292	-	329	330	332	-	373	374	375	-	419	420	422	-	469	470	472	-	
LO PR	126	127	130	-	133	135	138	-	140	141	144	-	145	146	149	-	150	152	155	-	157	158	161	-	

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
75	MBh	46.4	47.1	48.4	50.5	46.0	46.6	48.0	50.1	44.8	45.5	46.8	48.9	42.7	43.4	44.8	46.9	40.2	40.9	42.2	44.3	37.9	38.6	40.0	42.0
	S/T	0.78	0.71	0.57	0.43	0.79	0.71	0.58	0.44	1.00	0.74	0.60	0.46	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.83	0.70	0.55
	Δ T	23	21	18	14	23	21	18	14	24	22	18	15	23	21	18	14	23	21	18	14	24	22	19	15
	kW	2.47	2.46	2.46	2.48	2.78	2.77	2.77	2.79	3.12	3.12	3.11	3.14	3.50	3.49	3.49	3.51	3.91	3.91	3.91	3.93	4.40	4.40	4.40	4.42
	Amps	10.0	10.0	10.0	10.1	11.4	11.4	11.4	11.5	13.0	13.0	13.0	13.1	14.7	14.7	14.7	14.8	16.6	16.6	16.6	16.7	18.9	18.9	18.8	18.9
	HI PR	246	247	249	253	284	285	287	291	325	326	327	332	368	369	371	375	415	416	418	422	465	466	468	472
	LO PR	121	123	126	131	128	130	133	138	135	136	139	144	140	142	145	150	145	147	150	155	152	153	157	162
	MBh	47.2	47.9	49.3	51.4	46.8	47.5	48.9	50.9	45.6	46.3	47.7	49.7	43.6	44.2	45.6	47.7	41.1	41.7	43.1	45.2	38.8	39.4	40.8	42.9
	S/T	0.82	0.74	0.61	0.47	0.82	0.75	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.79	0.66	0.52	1.00	0.81	0.68	0.54	1.00	1.00	0.73	0.59
	Δ T	22	20	17	13	22	20	17	13	22	21	17	13	22	20	17	13	22	20	17	13	23	21	18	14
kW	2.48	2.48	2.47	2.50	2.79	2.79	2.78	2.81	3.14	3.13	3.13	3.15	3.51	3.51	3.50	3.53	3.93	3.93	3.92	3.95	4.42	4.42	4.41	4.44	
Amps	10.1	10.1	10.0	10.1	11.5	11.5	11.4	11.6	13.1	13.1	13.0	13.1	14.8	14.8	14.7	14.9	16.7	16.7	16.7	16.8	18.9	18.9	18.9	19.0	
HI PR	248	249	251	255	287	288	289	294	327	328	330	334	370	371	373	377	417	418	420	424	467	468	470	474	
LO PR	123	125	128	133	131	132	135	140	137	138	141	147	142	144	147	152	148	149	152	157	154	156	159	164	
MBh	48.3	48.9	50.3	52.4	47.9	48.5	49.9	52.0	46.7	47.3	48.7	50.8	44.6	45.3	46.6	48.7	42.1	42.7	44.1	46.2	39.8	40.5	41.8	43.9	
S/T	0.82	0.75	0.62	0.48	1.00	0.76	0.62	0.48	1.00	0.78	0.65	0.51	1.00	0.80	0.67	0.53	1.00	0.82	0.69	0.55	1.00	1.00	0.74	0.60	
Δ T	21	19	16	12	21	19	16	12	22	20	16	12	21	19	16	12	21	19	16	12	22	20	17	13	
kW	2.49	2.49	2.49	2.51	2.80	2.80	2.80	2.82	3.15	3.15	3.14	3.17	3.52	3.52	3.52	3.54	3.94	3.94	3.93	3.96	4.43	4.43	4.43	4.45	
Amps	10.1	10.1	10.1	10.2	11.5	11.5	11.5	11.6	13.1	13.1	13.1	13.2	14.8	14.8	14.8	14.9	16.8	16.7	16.7	16.8	19.0	19.0	19.0	19.1	
HI PR	251	252	253	258	289	290	292	296	329	330	332	336	373	374	376	380	420	421	422	427	469	471	472	476	
LO PR	126	127	130	136	133	135	138	143	140	141	144	149	145	146	149	155	150	152	155	160	157	158	161	166	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) Rating Conditions.
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

		OUTDOOR AMBIENT TEMPERATURE																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		AIRFLOW		59	63	67	71	59	63	67	71	ENTERING INDOOR WET BULB TEMPERATURE		59	63	67	71	ENTERING INDOOR WET BULB TEMPERATURE		59	63	67	71	ENTERING INDOOR WET BULB TEMPERATURE		59	63	67	71	ENTERING INDOOR WET BULB TEMPERATURE		59	63	67	71														
70	1750	MBh	57.8	58.6	60.3	-	57.3	58.1	59.8	-	55.8	56.6	58.3	-	53.2	54.0	55.7	-	50.0	50.8	52.5	-	47.1	48.0	49.7	-																							
		S/T	0.64	0.57	0.43	-	0.65	0.57	0.43	-	0.67	0.60	0.46	-	0.69	0.62	0.48	-	1.00	0.64	0.50	-	1.00	0.69	0.55	-																							
		Δ T	19	17	14	-	19	17	14	-	19	17	14	-	19	17	14	-	19	17	13	-	20	18	15	-																							
		KW	3.20	3.20	3.19	-	3.61	3.61	3.60	-	4.06	4.06	4.05	-	4.56	4.55	4.55	-	5.10	5.10	5.09	-	5.75	5.75	5.74	-																							
		Amps	12.5	12.4	12.4	-	14.3	14.3	14.3	-	16.4	16.4	16.4	-	18.7	18.6	18.6	-	21.2	21.2	21.1	-	24.1	24.1	24.1	-																							
	HI PR	260	261	263	-	301	302	304	-	344	345	346	-	390	391	393	-	439	440	442	-	492	493	495	-																								
	LO PR	119	121	124	-	126	128	131	-	133	134	137	-	138	139	142	-	143	145	148	-	150	151	154	-																								
	MBh	58.2	59.0	60.8	-	57.7	58.5	60.3	-	56.2	57.0	58.8	-	53.6	54.5	56.2	-	50.5	51.3	53.0	-	47.6	48.4	50.1	-																								
	S/T	0.68	0.60	0.46	-	0.68	0.60	0.47	-	0.71	0.63	0.49	-	0.73	0.65	0.51	-	1.00	0.67	0.53	-	1.00	0.72	0.59	-																								
	Δ T	18	17	13	-	18	16	13	-	18	17	13	-	18	16	13	-	18	16	13	-	19	17	14	-																								
	KW	3.21	3.21	3.20	-	3.62	3.62	3.61	-	4.08	4.07	4.07	-	4.57	4.56	4.56	-	5.12	5.11	5.11	-	5.76	5.76	5.75	-																								
	Amps	12.5	12.5	12.5	-	14.4	14.4	14.3	-	16.5	16.4	16.4	-	18.7	18.7	18.7	-	21.2	21.2	21.2	-	24.2	24.2	24.1	-																								
	HI PR	261	262	264	-	302	303	305	-	345	346	348	-	391	392	394	-	441	442	444	-	494	495	497	-																								
	LO PR	120	122	125	-	127	129	132	-	134	135	138	-	139	140	143	-	144	146	149	-	151	152	155	-																								
	MBh	59.7	60.5	62.2	-	59.2	60.0	61.7	-	57.7	58.5	60.2	-	55.1	55.9	57.6	-	51.9	52.7	54.5	-	49.1	49.9	51.6	-																								
	S/T	0.72	0.64	0.50	-	0.72	0.65	0.51	-	0.75	0.67	0.54	-	0.77	0.69	0.56	-	1.00	0.72	0.58	-	1.00	0.77	0.63	-																								
	Δ T	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	17	15	12	-	18	16	13	-																								
	KW	3.24	3.24	3.23	-	3.65	3.64	3.64	-	4.10	4.10	4.09	-	4.59	4.59	4.58	-	5.14	5.14	5.13	-	5.79	5.78	5.78	-																								
	Amps	12.6	12.6	12.6	-	14.5	14.5	14.5	-	16.6	16.6	16.5	-	18.8	18.8	18.8	-	21.3	21.3	21.3	-	24.3	24.3	24.2	-																								
	HI PR	264	266	267	-	305	306	308	-	348	349	351	-	394	395	397	-	444	445	447	-	497	498	500	-																								
	LO PR	123	125	128	-	130	132	135	-	137	138	141	-	142	144	147	-	147	149	152	-	154	155	158	-																								
75	1750	MBh	57.8	58.6	60.3	63.0	57.3	58.1	59.8	62.4	55.8	56.6	58.3	60.9	53.2	54.0	55.7	58.4	50.1	50.9	52.6	55.2	47.2	48.0	49.7	52.3																							
		S/T	0.77	0.70	0.56	0.41	0.78	0.70	0.57	0.42	0.81	0.73	0.59	0.45	1.00	0.75	0.61	0.47	1.00	0.77	0.63	0.49	1.00	0.82	0.69	0.54																							
		Δ T	23	21	18	14	23	21	18	14	23	21	18	14	23	21	18	14	23	21	17	14	24	22	19	15																							
		KW	3.20	3.20	3.19	3.22	3.61	3.60	3.60	3.63	4.06	4.06	4.05	4.08	4.55	4.55	4.54	4.57	5.10	5.10	5.09	5.12	5.75	5.74	5.74	5.77																							
		Amps	12.4	12.4	12.4	12.5	14.3	14.3	14.4	14.4	16.4	16.4	16.3	16.5	18.6	18.6	18.6	18.7	21.2	21.2	21.1	21.2	24.1	24.1	24.1	24.2																							
	HI PR	260	261	263	268	301	302	304	308	344	345	347	351	390	391	393	397	440	441	443	447	493	494	496	500																								
	LO PR	119	121	124	129	126	128	131	136	133	134	137	142	138	139	142	148	143	145	148	153	150	151	154	159																								
	MBh	58.3	59.1	60.8	63.4	57.8	58.6	60.3	62.9	56.3	57.1	58.8	61.4	53.7	54.5	56.2	58.8	50.5	51.3	53.0	55.7	47.6	48.4	50.2	52.8																								
	S/T	0.81	0.73	0.59	0.45	0.81	0.74	0.60	0.45	1.00	0.76	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.67	0.52	1.00	0.86	0.72	0.57																								
	Δ T	22	20	17	14	22	20	17	14	22	21	17	14	22	20	17	14	22	20	17	13	23	21	18	14																								
	KW	3.21	3.21	3.20	3.23	3.62	3.62	3.61	3.64	4.07	4.07	4.06	4.09	4.56	4.56	4.55	4.59	5.11	5.11	5.10	5.13	5.76	5.75	5.75	5.78																								
	Amps	12.5	12.5	12.5	12.6	14.4	14.4	14.3	14.5	16.4	16.4	16.4	16.5	18.7	18.7	18.6	18.8	21.2	21.2	21.2	21.3	24.2	24.1	24.1	24.3																								
	HI PR	261	263	264	269	302	303	305	310	345	346	348	353	391	392	394	399	441	442	444	448	494	495	497	501																								
	LO PR	120	122	125	130	127	129	132	137	134	135	138	143	139	140	144	149	144	146	149	154	151	152	155	160																								
	MBh	59.7	60.5	62.3	64.9	59.2	60.0	61.7	64.4	57.7	58.5	60.2	62.9	55.1	55.9	57.7	60.3	52.0	52.8	54.5	57.1	49.1	49.9	51.6	54.2																								
	S/T	0.85	0.77	0.63	0.49	0.86	0.78	0.64	0.50	1.00	0.80	0.67	0.52	1.00	0.82	0.69	0.54	1.00	0.85	0.71	0.56	1.00	1.00	0.76	0.62																								
	Δ T	21	19	16	12	21	19	16	12	21	19	16	12	21	19	16	12	21	19	15	12	22	20	17	13																								
	KW	3.24	3.24	3.23	3.26	3.65	3.64	3.63	3.67	4.10	4.10	4.09	4.12	4.59	4.59	4.58	4.61	5.14	5.14	5.13	5.16	5.78	5.78	5.77	5.81																								
	Amps	12.6	12.6	12.6	12.7	14.5	14.5	14.4	14.6	16.6	16.5	16.5	16.7	18.8	18.8	18.8	18.9	21.3	21.3	21.3	21.4	24.3	24.3	24.2	24.4																								
	HI PR	265	266	268	272	306	307	308	313	348	349	351	356	394	396	397	402	444	445	447	452	497	498	500	505																								
	LO PR	123	125	128	133	130	132	135	140	137	138	141	146	142	144	147	152	147	149	152	157	154	155	158	163																								

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects ACCA (TVA) Rating Conditions.
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

IDB	AIRFLOW	OUTDOOR AMBIENT TEMPERATURE												ENTERING INDOOR WET BULB TEMPERATURE											
		65°F				75°F				85°F				95°F				105°F				115°F			
		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	58.1	58.9	60.6	63.3	57.6	58.4	60.1	62.7	56.1	56.9	58.6	61.2	53.5	54.3	56.0	58.7	50.4	51.2	52.9	55.5	47.5	48.3	50.0	52.6
	S/T	0.90	0.82	0.69	0.54	1.00	0.83	0.69	0.55	1.00	0.86	0.72	0.57	1.00	0.88	0.74	0.59	1.00	0.90	0.76	0.62	1.00	1.00	0.81	0.67
	Δ T	27	25	22	18	27	25	22	18	27	25	22	18	27	25	22	18	27	25	21	18	28	26	22	19
	KW	3.20	3.20	3.19	3.22	3.61	3.61	3.60	3.63	4.06	4.06	4.05	4.08	4.55	4.55	4.54	4.58	5.10	5.10	5.09	5.13	5.75	5.75	5.74	5.77
	Amps	12.5	12.4	12.4	12.6	14.3	14.3	14.3	14.4	16.4	16.4	16.4	16.5	18.6	18.6	18.6	18.7	21.2	21.1	21.1	21.3	24.1	24.1	24.1	24.2
	HI PR	261	262	264	268	301	303	304	309	344	345	347	352	390	391	393	398	440	441	443	447	493	494	496	501
	LO PR	120	121	124	129	127	128	131	136	133	135	138	143	139	140	143	148	144	145	148	153	150	152	155	160
	MBh	58.6	59.4	61.1	63.7	58.1	58.9	60.6	63.2	56.6	57.4	59.1	61.7	54.0	54.8	56.5	59.1	50.8	51.6	53.3	56.0	47.9	48.7	50.5	53.1
	S/T	0.93	0.86	0.72	0.57	1.00	0.86	0.73	0.58	1.00	0.89	0.75	0.61	1.00	0.91	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70
	Δ T	26	24	21	18	26	24	21	18	26	25	21	18	26	24	21	18	26	24	21	17	27	25	22	18
KW	3.24	3.24	3.23	3.26	3.65	3.64	3.64	3.67	4.10	4.10	4.09	4.12	4.57	4.56	4.56	4.59	5.12	5.11	5.11	5.14	5.76	5.76	5.75	5.78	
Amps	12.5	12.5	12.5	12.6	14.4	14.4	14.3	14.5	16.5	16.4	16.4	16.6	18.7	18.7	18.7	18.8	21.2	21.2	21.2	21.3	24.2	24.2	24.1	24.3	
HI PR	262	263	265	269	303	304	306	310	346	347	348	353	392	393	395	399	441	442	444	449	494	495	497	502	
LO PR	121	122	125	130	128	129	132	137	134	136	139	144	140	141	144	149	145	146	149	154	151	153	156	161	
MBh	60.0	60.8	62.6	65.2	59.5	60.3	62.0	64.7	58.0	58.8	60.5	63.2	55.4	56.2	58.0	60.6	52.3	53.1	54.8	57.4	49.4	50.2	51.9	54.5	
S/T	1.00	0.90	0.76	0.62	1.00	0.91	0.77	0.62	1.00	0.93	0.79	0.65	1.00	0.95	0.81	0.67	1.00	1.00	0.84	0.69	1.00	1.00	0.89	0.74	
Δ T	25	23	20	16	25	23	20	16	25	23	20	16	25	23	20	16	25	23	19	16	26	24	21	17	
KW	3.24	3.24	3.23	3.26	3.65	3.64	3.64	3.67	4.10	4.10	4.09	4.12	4.59	4.59	4.58	4.61	5.14	5.14	5.13	5.16	5.79	5.78	5.78	5.81	
Amps	12.6	12.6	12.6	12.7	14.5	14.5	14.4	14.6	16.6	16.6	16.5	16.7	18.8	18.8	18.8	18.9	21.3	21.3	21.3	21.4	24.3	24.3	24.2	24.4	
HI PR	265	266	268	273	306	307	309	313	349	350	352	356	395	396	398	402	445	446	448	452	498	499	501	505	
LO PR	124	125	128	133	131	132	135	140	137	139	142	147	143	144	147	152	148	149	152	157	154	156	159	164	
85	MBh	59.1	59.9	61.6	64.2	58.6	59.4	61.1	63.7	57.1	57.9	59.6	62.2	54.5	55.3	57.0	59.6	51.3	52.1	53.8	56.5	48.4	49.3	51.0	53.6
	S/T	1.00	0.93	0.79	0.64	1.00	0.93	0.80	0.65	1.00	1.00	0.82	0.68	1.00	1.00	0.84	0.70	1.00	1.00	0.86	0.72	1.00	1.00	0.92	0.77
	Δ T	30	29	25	22	30	28	25	22	31	29	25	22	30	28	25	22	30	28	25	21	31	29	26	23
	KW	3.21	3.21	3.20	3.23	3.62	3.61	3.61	3.64	4.07	4.07	4.06	4.09	4.56	4.56	4.55	4.58	5.11	5.11	5.10	5.13	5.76	5.75	5.75	5.78
	Amps	12.5	12.5	12.4	12.6	14.4	14.3	14.3	14.5	16.4	16.4	16.4	16.5	18.7	18.7	18.6	18.8	21.2	21.2	21.2	21.3	24.1	24.1	24.1	24.2
	HI PR	262	263	265	269	303	304	306	310	345	347	348	353	392	393	395	399	441	442	444	449	494	495	497	502
	LO PR	121	123	126	131	129	130	133	138	135	136	139	144	140	142	145	150	146	147	150	155	152	154	157	162
	MBh	59.5	60.3	62.1	64.7	59.0	59.8	61.6	64.2	57.5	58.3	60.1	62.7	54.9	55.8	57.5	60.1	51.8	52.6	54.3	56.9	48.9	49.7	51.4	54.1
	S/T	1.00	0.96	0.82	0.68	1.00	0.97	0.83	0.68	1.00	1.00	0.85	0.71	1.00	1.00	0.87	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.95	0.80
	Δ T	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	29	28	24	21	31	29	25	22
KW	3.22	3.22	3.21	3.24	3.63	3.63	3.62	3.65	4.08	4.08	4.07	4.10	4.57	4.57	4.56	4.60	5.12	5.12	5.11	5.14	5.77	5.76	5.76	5.79	
Amps	12.5	12.5	12.5	12.6	14.4	14.4	14.4	14.5	16.5	16.5	16.4	16.6	18.7	18.7	18.7	18.8	21.3	21.2	21.2	21.3	24.2	24.2	24.2	24.3	
HI PR	263	264	266	271	304	305	307	311	347	348	350	354	393	394	396	400	443	444	445	450	496	497	499	503	
LO PR	122	124	127	132	130	131	134	139	136	137	140	146	141	143	146	151	147	148	151	156	153	155	158	163	
MBh	61.0	61.8	63.5	66.1	60.5	61.3	63.0	65.6	59.0	59.8	61.5	64.1	56.4	57.2	58.9	61.5	53.2	54.0	55.8	58.4	50.4	51.2	52.9	55.5	
S/T	1.00	1.00	0.86	0.72	1.00	1.00	0.87	0.73	1.00	1.00	0.90	0.75	1.00	1.00	0.92	0.77	1.00	1.00	0.94	0.79	1.00	1.00	1.00	0.85	
Δ T	28	27	23	20	28	27	23	20	29	27	23	20	28	27	23	20	28	26	23	19	29	27	24	21	
KW	3.25	3.24	3.24	3.27	3.66	3.65	3.64	3.68	4.11	4.11	4.10	4.13	4.60	4.60	4.59	4.62	5.15	5.15	5.14	5.17	5.79	5.79	5.78	5.82	
Amps	12.7	12.7	12.6	12.8	14.5	14.5	14.5	14.6	16.6	16.6	16.6	16.7	18.9	18.8	18.8	19.0	21.4	21.4	21.3	21.5	24.3	24.3	24.3	24.4	
HI PR	266	267	269	274	307	308	310	315	350	351	353	357	396	397	399	404	446	447	449	453	499	500	502	506	
LO PR	126	127	130	135	133	134	137	142	139	141	144	149	144	146	149	154	150	151	154	159	156	158	161	166	

IDB: Entering Indoor Dry Bulb Temperature
 High and low pressures are measured at the liquid and suction service valves.
 Shaded area reflects AHRI Rating Conditions.
 kW = Total system power
 Amps = Outdoor unit amps (compressor + fan)

GSZ160181B* - ASPT29B14A* + TXV

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	23.1	21.7	20.3	18.9	18.0	17.4	15.7	14.2	13.0	12.0	11.4	11.0	10.5	9.4	8.2	7.0	5.9
T/R	20.6	19.5	18.4	17.3	16.7	16.1	14.6	13.1	12.0	11.1	10.5	10.2	9.8	8.7	7.6	6.5	5.4
kW	1.37	1.35	1.34	1.33	1.32	1.31	1.30	1.29	1.27	1.26	1.25	1.24	1.23	1.22	1.21	1.20	1.18
Amps	6.7	6.2	5.7	5.3	5.1	4.9	4.6	4.4	4.1	3.9	3.7	3.6	3.5	3.3	3.1	2.8	2.5
COP	4.95	4.69	4.43	4.17	4.00	3.87	3.55	3.23	2.98	2.80	2.67	2.60	2.50	2.25	1.99	1.72	1.45

GSZ160241B* - ASPT29B14A* + TXV

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	30.9	29.0	27.1	25.2	24.0	23.1	20.9	18.8	17.2	15.9	15.0	14.5	13.9	12.3	10.7	9.1	7.5
T/R	27.5	26.0	24.6	23.1	22.2	21.4	19.4	17.4	15.9	14.7	13.9	13.4	12.8	11.4	9.9	8.4	7.0
kW	1.83	1.81	1.79	1.77	1.76	1.75	1.73	1.71	1.69	1.67	1.65	1.63	1.63	1.61	1.58	1.56	1.54
Amps	9.0	8.2	7.6	7.1	6.8	6.6	6.2	5.8	5.5	5.2	4.9	4.7	4.6	4.3	4.0	3.7	3.3
COP	4.94	4.68	4.43	4.17	4.00	3.87	3.54	3.23	2.98	2.80	2.67	2.60	2.50	2.24	1.98	1.71	1.43

GSZ160301B* - ASPT37C14A* + TXV

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	39.1	36.4	33.9	31.1	29.4	28.0	24.7	21.7	19.2	17.4	16.0	15.2	14.3	11.9	9.5	7.2	4.8
T/R	35.1	32.9	30.7	28.5	27.2	26.0	22.9	20.1	17.8	16.1	14.8	14.1	13.2	11.0	8.8	6.6	4.4
kW	2.42	2.35	2.27	2.20	2.15	2.12	2.05	1.98	1.90	1.83	1.76	1.71	1.68	1.61	1.54	1.46	1.39
Amps	11.0	10.1	9.3	8.7	8.3	8.1	7.6	7.1	6.7	6.4	6.0	5.8	5.7	5.3	4.9	4.5	4.0
COP	4.73	4.55	4.37	4.15	4.00	3.87	3.53	3.21	2.96	2.78	2.66	2.60	2.48	2.16	1.82	1.43	1.01

GSZ160361B* - ASPT37C14A* + TXV

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	44.5	41.9	39.2	36.7	35.0	33.8	30.8	28.0	25.6	23.9	22.7	22.0	21.1	19.0	16.8	14.6	12.5
T/R	39.6	37.6	35.6	33.6	32.4	31.3	28.5	25.9	23.7	22.1	21.0	20.4	19.6	17.6	15.6	13.6	11.5
kW	2.62	2.60	2.59	2.57	2.56	2.56	2.54	2.53	2.52	2.50	2.49	2.48	2.47	2.46	2.45	2.43	2.42
Amps	13.3	12.2	11.3	10.5	10.1	9.8	9.2	8.7	8.2	7.8	7.3	7.1	6.9	6.5	6.0	5.5	5.0
COP	4.99	4.72	4.45	4.18	4.00	3.87	3.55	3.24	2.98	2.80	2.67	2.60	2.50	2.26	2.01	1.76	1.51

Above information is for nominal CFM and 70 degree indoor dry bulb. Instantaneous capacity listed.

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

GSZ160421B* - ASPT47D14A* + TXV

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	51.0	47.9	44.9	41.9	40.0	38.6	35.2	31.9	29.2	27.2	25.8	25.0	24.0	21.5	19.0	16.5	14.0
T/R	45.4	43.1	40.7	38.4	37.0	35.8	32.6	29.5	27.0	25.2	23.9	23.1	22.2	19.9	17.6	15.3	13.0
kW	3.31	3.26	3.21	3.16	3.13	3.11	3.05	3.00	2.95	2.90	2.85	2.82	2.80	2.75	2.69	2.64	2.59
Amps	16.4	15.1	14.0	13.0	12.5	12.2	11.4	10.8	10.2	9.6	9.1	8.8	8.6	8.1	7.5	6.9	6.2
COP	4.51	4.31	4.10	3.89	3.75	3.64	3.37	3.11	2.90	2.75	2.65	2.60	2.51	2.29	2.07	1.83	1.58

GSZ160481B* - ASPT49D14A* + TXV

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	62.1	57.9	53.7	49.6	47.0	45.0	40.0	35.5	31.8	29.0	26.9	25.8	24.4	20.9	17.3	13.8	10.3
T/R	55.3	52.0	48.8	45.5	43.5	41.7	37.0	32.8	29.4	26.9	24.9	23.9	22.6	19.3	16.0	12.8	9.5
kW	3.83	3.72	3.62	3.51	3.44	3.40	3.29	3.19	3.08	2.97	2.86	2.80	2.76	2.65	2.54	2.44	2.33
Amps	17.9	16.4	15.2	14.1	13.5	13.2	12.4	11.6	11.0	10.4	9.8	9.5	9.3	8.7	8.1	7.4	6.6
COP	4.75	4.56	4.35	4.14	4.00	3.88	3.56	3.26	3.02	2.86	2.75	2.70	2.59	2.31	2.00	1.66	1.29

GSZ160601B* - CAPF4961D6D* + TXV / MBVC2000AA-1A*

	OUTDOOR AMBIENT TEMPERATURE																
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	76.8	72.1	67.5	62.9	60.0	57.9	52.6	47.5	43.4	40.4	38.2	37.0	35.5	31.6	27.8	24.0	20.1
T/R	68.3	64.8	61.2	57.7	55.6	53.6	48.7	44.0	40.2	37.4	35.4	34.3	32.8	29.3	25.7	22.2	18.6
kW	5.05	4.99	4.92	4.86	4.82	4.79	4.73	4.66	4.60	4.53	4.47	4.43	4.40	4.33	4.27	4.20	4.14
Amps	25.2	23.2	21.4	19.9	19.0	18.5	17.4	16.3	15.4	14.6	13.8	13.3	13.0	12.1	11.3	10.3	9.2
COP	4.45	4.23	4.02	3.80	3.65	3.54	3.26	2.99	2.77	2.61	2.51	2.45	2.36	2.14	1.91	1.67	1.43

Above information is for nominal CFM and 70 degree indoor dry bulb. Instantaneous capacity listed.

Goodman Manufacturing Company, L.P. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

GSZ160181B* + ASPT29B14A* + TXV				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 600 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	19,300	14,089	5,211	1,120
80	19,050	14,189	4,862	1,185
85	18,800	14,288	4,512	1,250
90	18,400	14,164	4,236	1,325
95	18,000	14,040	3,960	1,400
100	17,500	13,820	3,680	1,480
105	17,000	13,600	3,400	1,560
110	16,550	14,850	1,700	1,655
115	16,100	16,100	0	1,750
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	17,400	13,746	3,654	1,400

GSZ160301B* + ASPT37C14A* + TXV				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 975 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	30,900	22,557	8,343	1,770
80	30,500	22,717	7,784	1,880
85	30,100	22,876	7,224	1,990
90	29,450	22,670	6,780	2,110
95	28,800	22,464	6,336	2,230
100	28,000	22,112	5,888	2,365
105	27,200	21,760	5,440	2,500
110	26,450	21,803	4,648	2,660
115	25,700	21,845	3,855	2,820
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	27,800	21,962	5,838	2,240

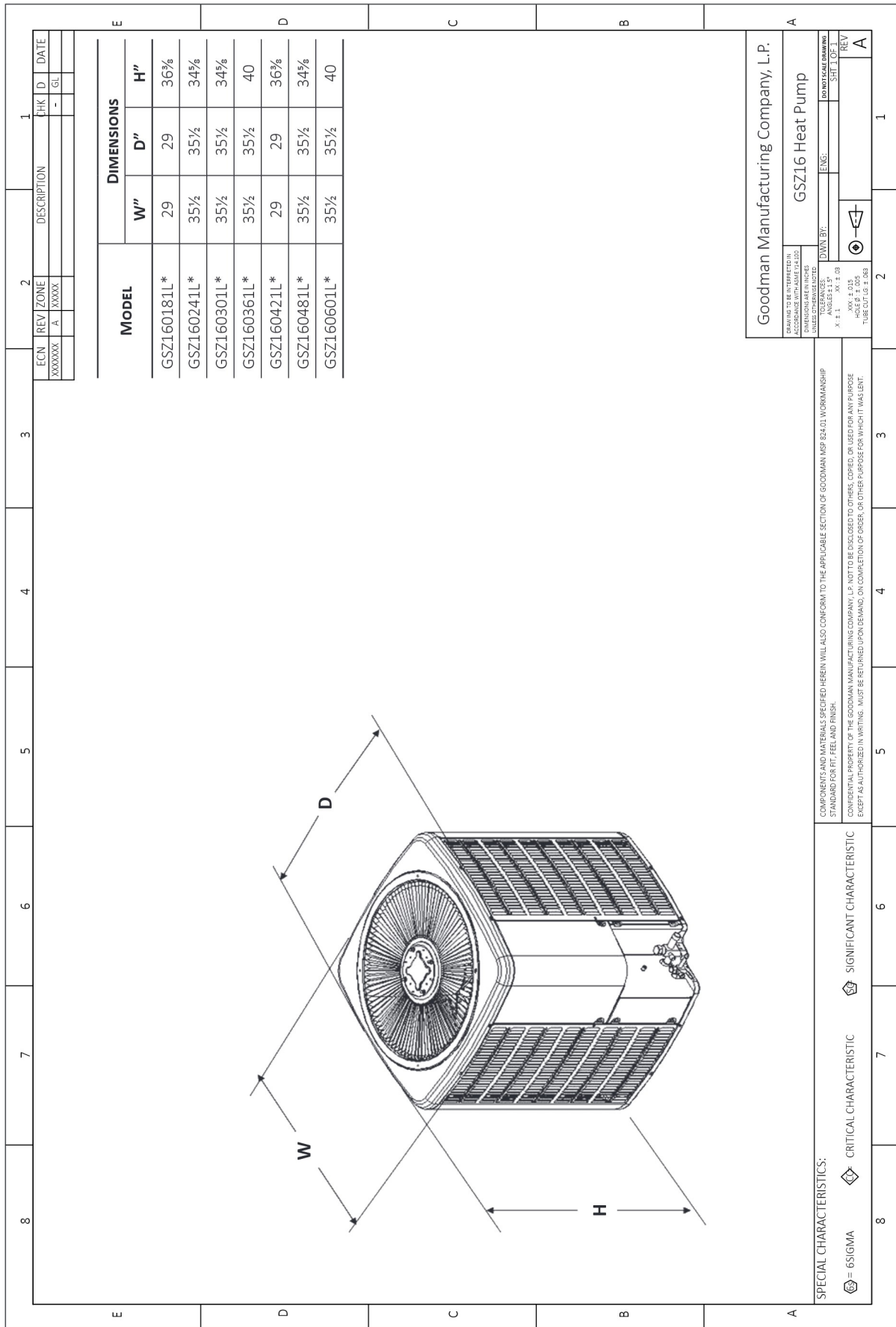
GSZ160421B* + ASPT47D14A* + TXV				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1140 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	41,800	28,842	12,958	2,400
80	41,300	28,905	12,395	2,550
85	40,800	28,968	11,832	2,700
90	39,900	28,719	11,181	2,860
95	39,000	28,470	10,530	3,020
100	37,900	28,035	9,865	3,205
105	36,800	27,600	9,200	3,390
110	35,800	27,720	8,080	3,615
115	34,800	27,840	6,960	3,840
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	37,600	27,824	9,776	3,030

GSZ160601B* - CAPF4961D6D* + TXV/ MBVC2000AA-1A*				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1850 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	60,600	44,238	16,362	3,610
80	59,850	44,282	15,569	3,840
85	59,100	44,325	14,775	4,070
90	57,800	43,915	13,885	4,315
95	56,500	43,505	12,995	4,560
100	54,900	42,806	12,094	4,835
105	53,300	42,107	11,193	5,110
110	51,900	42,264	9,637	5,430
115	50,500	42,420	8,080	5,750
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	54,500	42,510	11,990	4,560

GSZ160241B* + ASPT29B14A* + TXV				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 800 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	25,700	18,761	6,939	1,490
80	25,400	18,919	6,482	1,580
85	25,100	19,076	6,024	1,670
90	24,550	18,898	5,652	1,765
95	24,000	18,720	5,280	1,860
100	23,350	18,440	4,910	1,970
105	22,700	18,160	4,540	2,080
110	22,050	18,175	3,875	2,205
115	21,400	18,190	3,210	2,330
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	23,100	18,249	4,851	1,860

GSZ160361B* + ASPT37C14A* + TXV				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1060 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	36,700	26,424	10,276	2,090
80	36,250	26,637	9,613	2,225
85	35,800	26,850	8,950	2,360
90	35,000	26,592	8,408	2,505
95	34,200	26,334	7,866	2,650
100	33,250	25,926	7,325	2,815
105	32,300	25,517	6,783	2,980
110	31,400	25,569	5,832	3,170
115	30,500	25,620	4,880	3,360
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	33,000	25,740	7,260	2,660

GSZ160481B* + ASPT49D14A* + TXV				
CONDITIONS: 80 °F IBD, 67 °F IWB @ 1400 CFM				
OUTDOOR TEM. ° F.	TOTAL BTU/H	SENSIBLE BTU/H	LATENT BTU/H	TOTAL WATTS
75	48,800	34,160	14,640	2,800
80	48,200	34,454	13,746	2,975
85	47,600	34,748	12,852	3,150
90	46,550	34,437	12,114	3,340
95	45,500	34,125	11,375	3,530
100	44,250	33,618	10,633	3,740
105	43,000	33,110	9,890	3,950
110	41,800	33,201	8,599	4,200
115	40,600	33,292	7,308	4,450
TVA CONDITIONS @ 95° OD DB, 75° ID DB 63° ID WB				
95°	43,900	33,364	10,536	3,530



ECN	REV	ZONE	DESCRIPTION	CHK	ID	DATE
XXXXXX	A	XXXXX		-	GL	

DIMENSIONS

MODEL	W"	D"	H"
GSZ160181L*	29	29	36¾
GSZ160241L*	35½	35½	34¾
GSZ160301L*	35½	35½	34¾
GSZ160361L*	35½	35½	40
GSZ160421L*	29	29	36¾
GSZ160481L*	35½	35½	34¾
GSZ160601L*	35½	35½	40

Goodman Manufacturing Company, L.P.

GSZ16 Heat Pump

ENGINEERING

DO NOT SCALE DRAWING

SHEET 1 OF 1

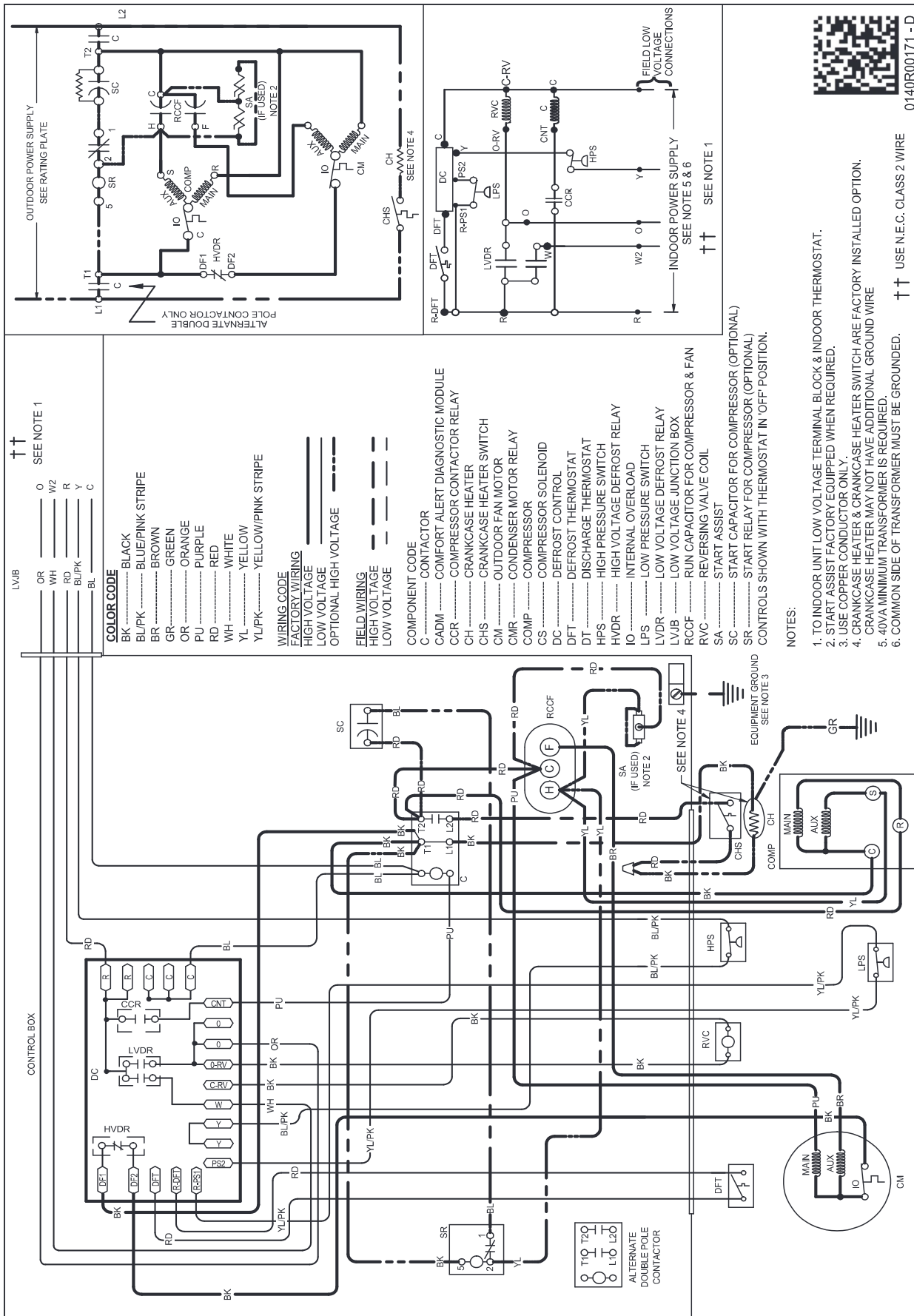
REV A

SPECIAL CHARACTERISTICS:

⊠ = 6SIGMA ⊠ = CRITICAL CHARACTERISTIC ⊠ = SIGNIFICANT CHARACTERISTIC

COMPONENTS AND MATERIALS SPECIFIED HEREIN WILL ALSO CONFORM TO THE APPLICABLE SECTION OF GOODMAN MSP 824.01 WORKMANSHIP STANDARD FOR FIT, FEEL AND FINISH.

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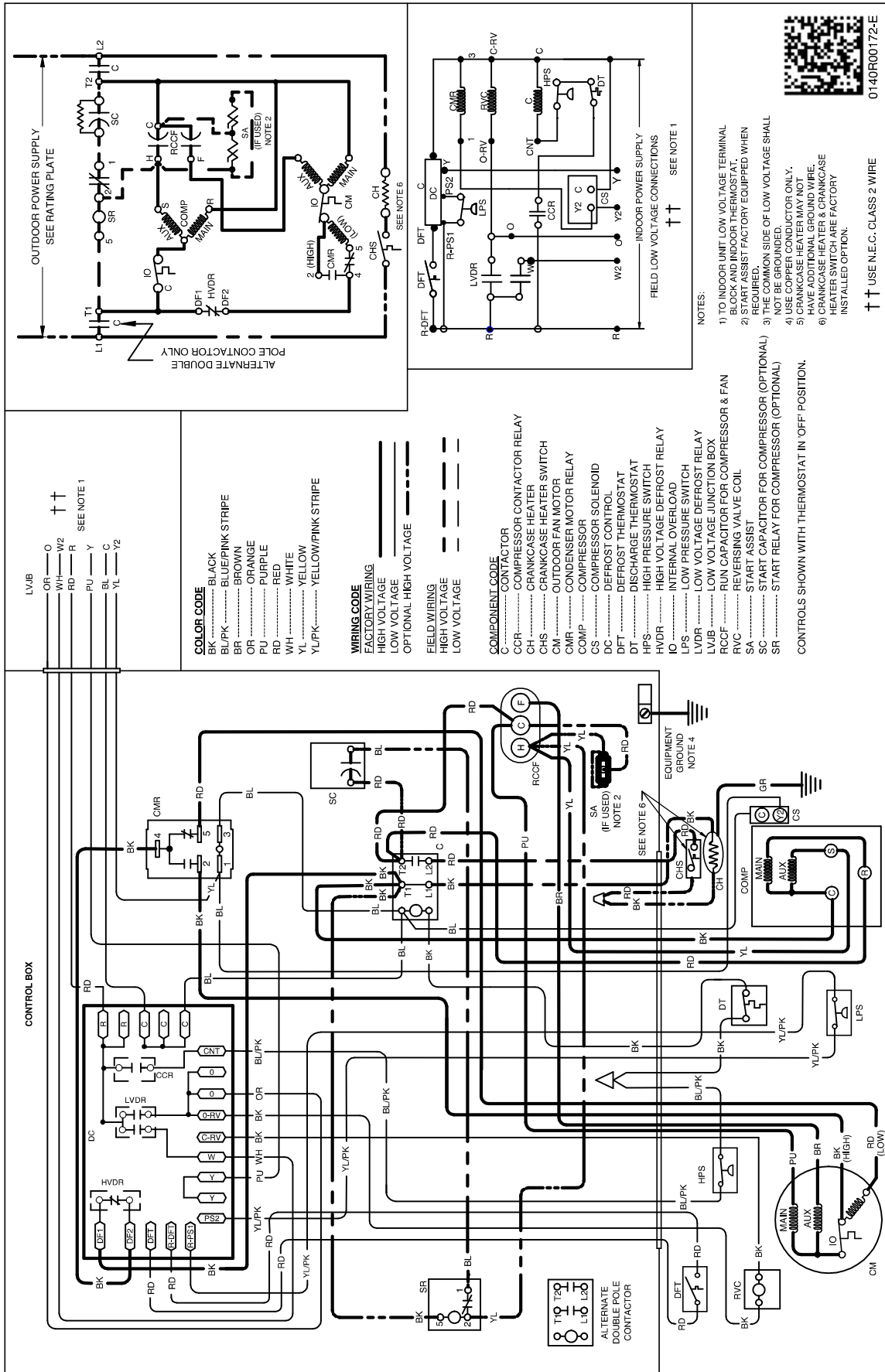
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WARNING
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



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



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



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

MODEL #	DESCRIPTION	GSZ16 018	GSZ16 024	GSZ16 030	GSZ16 036	GSZ16 042	GSZ16 048	GSZ16 060
ABK-20	Anchor Bracket Kit*	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X			
CSR-U-2	Hard-start Kit					X	X	X
CSR-U-3	Hard-start Kit						X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X	X	X	X
OT18-60A ²	Outdoor Thermostat w/ Lockout Stat	X	X	X	X	X	X	X
TX2N4A ³	TXV Kit	X	X					
TX3N4	TXV Kit			X	X			
TX5N4	TXV Kit					X	X	X

⁰ Contains 20 brackets; four brackets needed to anchor unit to pad

¹ Installed on indoor coil

² Required for heat pump applications where ambient temperatures fall below 0°F with 50% or higher relative humidity.

³ Condensing units and heat pumps with reciprocating or rotary compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device or liquid line solenoid kit. The TXV should always be sized based on the tonnage of the outdoor unit.