Goodman
Air Conditioning & Heating

GVZC20

Cooling Capacity: 22,800 - 52,500 BTU/h
Heating Capacity: 23,400 - 52,000 BTU/h

High-Efficiency, Split System Heat Pump Up to 21 SEER

Contents

ComfortBridge™ technology

CoolCloud™

COMFORT SPEED™

Standard Features

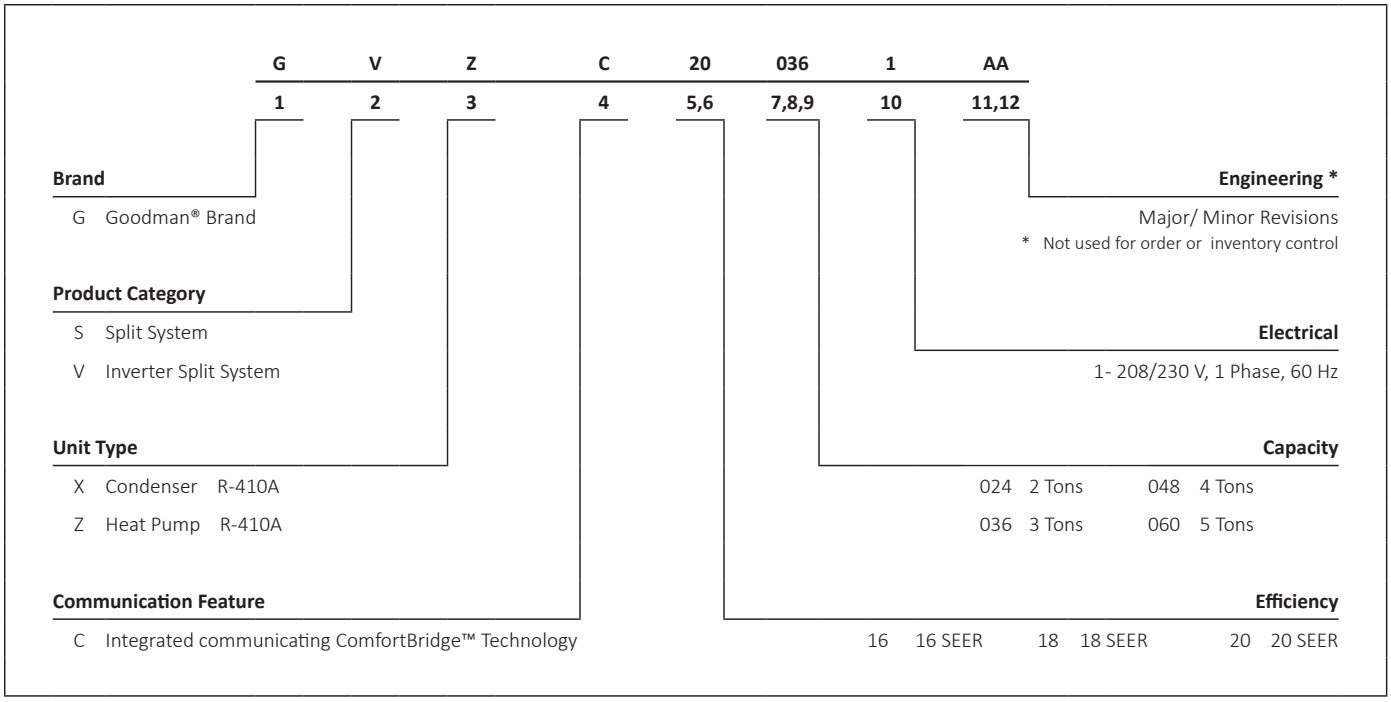
- Variable-speed swing compressors
- High-density compressor sound blanket
- Integrated communicating ComfortBridge™ Technology
- Commissioning and diagnostics via indoor board Bluetooth with the CoolCloud™ phone and tablet application
- Goodman control algorithmic logic
- In communicating mode, only two low-voltage wires to outdoor unit required
- Diagnostic indicator lights, seven-segment LED display, and fault code storage
- Field-selectable boost mode increases compressor speed during unusually high loads
- Quiet DC outdoor fan motor
- Fully charged for 15' of tubing length
- Field-installed bi-flow filter drier
- Coil and ambient temperature sensors
- Suction pressure transducer (in cooling mode)
- Sweat connection service valves with easy access to gauge ports
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with grille-style sound control top design
- Custom two-tone gray powder-paint finish
- 500-hour salt-spray tested
- Wire fan discharge grille
- Steel louver coil guard
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2017 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

LIFETIME COMPRESSOR LIMITED WARRANTY*
10 YEAR UNIT REPLACEMENT LIMITED WARRANTY*
10 YEAR PARTS LIMITED WARRANTY*
Intertek
AHRI CERTIFIED
COMPANY WITH QUALITY SYSTEM CERTIFIED BY DNV GL = ISO 9001 =
COMPANY WITH ENVIRONMENTAL SYSTEM CERTIFIED BY DNV GL = ISO 14001 =
BBB ACCREDITED BUSINESS

* Complete warranty details available from your local dealer or at www.goodmanmfg.com. To receive the Lifetime Compressor Limited Warranty (good for as long as you own your home), 10-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 Québec.


G V Z C 20 036 1 AA
1 2 3 4 5,6 7,8,9 10 11,12
Brand
G Goodman® Brand
Product Category
S Split System
V Inverter Split System
Unit Type
X Condenser R-410A
Z Heat Pump R-410A
Communication Feature
C Integrated communicating ComfortBridge™ Technology
Engineering *
Major/ Minor Revisions
* Not used for order or inventory control
Electrical
1- 208/230 V, 1 Phase, 60 Hz
Capacity
024 2 Tons
036 3 Tons
048 4 Tons
060 5 Tons
Efficiency
16 16 SEER
18 18 SEER
20 20 SEER

	GVZC20 0241A*	GVZC20 0361A*	GVZC20 0481A*	GVZC20 0601A*
CAPACITY AND RATINGS				
Max. Cooling (BTU/h)	23,800	35,800	46,500	52,500
Max. Heating (BTU/h)	23,800	35,400	46,000	52,000
COMPRESSOR				
Type	Swing	Swing	Swing	Swing
RLA	12.7	27.3	27.3	22.8
CONDENSER FAN MOTOR				
Horsepower	1/2	1/2	1/2	1/2
FLA	2.5	2.5	2.5	2.5
REFRIGERATION SYSTEM				
Refrigerant Line Size[1]				
Liquid Line Size (“O.D.)	⅜"	⅜"	⅜"	⅜"
Suction Line Size (“O.D.)	¾"	⅞"	1⅛"	1⅛"
Refrigerant Connection Size				
Liquid Valve Size (“O.D.)	⅜"	⅜"	⅜"	⅜"
Suction Valve Size (“O.D.)	¾"	⅞"	⅞"	⅞"
Valve Connection Type	Ball Valve	Ball Valve	Ball Valve	Ball Valve
Refrigerant Charge	165	272	272	272
Superheat at Service Valve	7-9°F	7-9°F	7-9°F	7-9°F
Subcooling at Service Valve	7-9°F	7-9°F	7-9°F	9-11°F
ELECTRICAL DATA				
Voltage/Phase (60 Hz)	208-230/1	208-230/1	208-230/1	208-230/1
Minimum Circuit Ampacity [2]	15.2	29.8	29.8	30.6
Max. Overcurrent Protection [3]	20	30	30	35
Min / Max Volts	197/253	197/253	197/253	197/253
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
EQUIPMENT WEIGHT (LBS)	217	291	291	291
SHIP WEIGHT (LBS)	243	318	318	318

[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 ⅞” to 1⅛” adapters for suction line connections.
- Unit is charged with refrigerant for 15’ of ⅜” liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

			OUTDOOR AMBIENT TEMPERATURE																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB*	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
70	620	MBh	20.5	21.3	23.3	-	20.1	20.8	22.8	-	19.6	20.3	22.2	-	19.1	19.8	21.7	-	18.2	18.8	20.6	-	16.8	17.4	19.1	-
		S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
		ΔT	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	21	18	14	-	19	17	13	-
		kW	1.33	1.36	1.40	-	1.44	1.47	1.52	-	1.54	1.57	1.63	-	1.62	1.66	1.72	-	1.70	1.74	1.80	-	1.76	1.80	1.87	-
		Amps	5.5	5.6	5.8	-	5.9	6.1	6.3	-	6.5	6.6	6.9	-	6.9	7.1	7.4	-	7.4	7.6	7.8	-	7.8	8.0	8.3	-
		Hi PR	215	232	245	-	242	260	275	-	275	296	312	-	313	337	356	-	352	379	400	-	389	419	442	-
		Lo PR	101	108	118	-	107	114	125	-	111	119	129	-	117	125	136	-	123	130	142	-	127	135	147	-
	720	MBh	22.3	23.1	25.3	-	21.7	22.5	24.7	-	21.2	22.0	24.1	-	20.7	21.5	23.5	-	19.7	20.4	22.3	-	18.2	18.9	20.7	-
		S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-
		ΔT	20	17	13	-	20	18	13	-	20	18	13	-	20	18	13	-	20	17	13	-	19	16	12	-
		kW	1.36	1.39	1.44	-	1.48	1.51	1.56	-	1.58	1.62	1.67	-	1.67	1.71	1.77	-	1.74	1.79	1.85	-	1.81	1.85	1.92	-
		Amps	5.6	5.8	6.0	-	6.1	6.3	6.5	-	6.7	6.8	7.1	-	7.1	7.3	7.6	-	7.6	7.8	8.1	-	8.1	8.3	8.6	-
		Hi PR	222	239	252	-	249	268	283	-	283	305	322	-	323	347	367	-	363	391	412	-	401	432	456	-
		Lo PR	105	111	122	-	111	118	128	-	115	122	133	-	121	128	140	-	126	135	147	-	131	139	152	-
	820	MBh	22.9	23.8	26.0	-	22.4	23.2	25.4	-	21.9	22.7	24.8	-	21.3	22.1	24.2	-	20.3	21.0	23.0	-	18.8	19.5	21.3	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		ΔT	19	16	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-
		kW	1.37	1.41	1.45	-	1.49	1.53	1.58	-	1.59	1.63	1.69	-	1.68	1.72	1.78	-	1.76	1.80	1.87	-	1.83	1.87	1.94	-
		Amps	5.7	5.8	6.0	-	6.2	6.3	6.5	-	6.7	6.9	7.1	-	7.2	7.4	7.6	-	7.7	7.9	8.1	-	8.2	8.4	8.6	-
		Hi PR	224	241	255	-	252	271	286	-	286	308	325	-	326	351	370	-	367	394	417	-	405	436	460	-
		Lo PR	106	112	123	-	112	119	130	-	116	123	135	-	122	130	142	-	128	136	148	-	132	141	153	-
75	620	MBh	20.9	21.5	23.3	25.0	20.4	21.0	22.7	24.4	19.9	20.5	22.2	23.8	19.4	20.0	21.7	23.3	18.5	19.0	20.6	22.1	17.1	17.6	19.1	20.5
		S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39
		ΔT	24	22	18	12	24	22	18	13	24	22	18	13	24	23	18	13	24	22	18	13	23	21	17	12
		kW	1.34	1.37	1.42	1.47	1.45	1.49	1.54	1.59	1.55	1.59	1.64	1.70	1.64	1.68	1.74	1.80	1.71	1.75	1.82	1.88	1.78	1.82	1.88	1.95
		Amps	5.5	5.7	5.9	6.1	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.2	7.0	7.2	7.4	7.7	7.5	7.7	7.9	8.2	7.9	8.1	8.4	8.7
		Hi PR	218	234	247	258	244	263	277	289	278	299	315	329	316	340	359	375	356	383	404	422	393	423	447	466
		Lo PR	103	109	119	127	108	115	126	134	113	120	131	139	118	126	137	146	124	132	144	153	128	136	149	159
	720	MBh	22.6	23.3	25.2	27.1	22.1	22.8	24.6	26.4	21.6	22.2	24.1	25.8	21.1	**21.7**	23.5	25.2	20.0	20.6	22.3	23.9	18.5	19.1	20.7	22.2
		S/T	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	**0.79**	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
		ΔT	23	21	18	12	23	22	18	12	24	22	18	12	24	**22**	18	12	23	21	18	12	22	20	16	11
		kW	1.37	1.41	1.46	1.51	1.49	1.53	1.58	1.63	1.59	1.63	1.69	1.75	1.68	**1.72**	1.78	1.85	1.76	1.80	1.87	1.93	1.83	1.87	1.94	2.01
		Amps	5.7	5.8	6.0	6.3	6.2	6.3	6.5	6.8	6.7	6.9	7.1	7.4	7.2	**7.4**	7.6	7.9	7.7	7.9	8.1	8.5	8.2	8.4	8.6	9.0
		Hi PR	224	241	255	266	252	271	286	298	286	308	325	339	326	**351**	370	386	367	395	417	435	405	436	460	480
		Lo PR	106	112	123	131	112	119	130	138	116	123	135	144	122	**130**	142	151	128	136	148	158	132	141	153	163
	820	MBh	23.3	24.0	26.0	27.9	22.8	23.5	25.4	27.2	22.2	22.9	24.8	26.6	21.7	22.3	24.2	25.9	20.6	21.2	23.0	24.6	19.1	19.7	21.3	22.8
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.61	0.39	0.92	0.83	0.62	0.40	0.96	0.86	0.65	0.42	0.97	0.86	0.65	0.42
		ΔT	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	1.39	1.42	1.47	1.52	1.50	1.54	1.59	1.65	1.61	1.64	1.70	1.76	1.70	1.74	1.80	1.86	1.78	1.82	1.88	1.95	1.84	1.89	1.95	2.02
		Amps	5.8	5.9	6.1	6.3	6.2	6.4	6.6	6.9	6.8	7.0	7.2	7.5	7.3	7.5	7.7	8.0	7.8	8.0	8.2	8.5	8.2	8.4	8.7	9.1
		Hi PR	226	244	257	268	254	273	289	301	289	311	328	343	329	354	374	390	370	399	421	439	409	440	465	485
		Lo PR	107	114	124	132	113	120	131	139	117	125	136	145	123	131	143	152	129	137	150	160	133	142	155	165

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			OUTDOOR AMBIENT TEMPERATURE																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB*	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
80	620	MBh	21.3	21.7	23.2	24.8	20.8	21.2	22.7	24.2	20.3	20.7	22.1	23.7	19.8	20.2	21.6	23.1	18.8	19.2	20.5	21.9	17.4	17.8	19.0	20.3
		S/T	0.85	0.80	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.85	0.69	0.51	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.97	0.91	0.74	0.56
		ΔT	27	26	22	18	27	26	23	18	27	26	23	18	27	26	23	18	27	26	22	18	25	24	21	17
		kW	1.35	1.38	1.43	1.48	1.46	1.50	1.55	1.61	1.56	1.60	1.66	1.72	1.65	1.69	1.75	1.81	1.73	1.77	1.83	1.90	1.79	1.84	1.90	1.97
		Amps	5.6	5.7	5.9	6.2	6.1	6.2	6.4	6.7	6.6	6.8	7.0	7.3	7.1	7.2	7.5	7.8	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8
		Hi PR	220	236	250	260	247	265	280	292	280	302	319	332	319	344	363	378	359	387	408	426	397	427	451	470
		Lo PR	104	110	120	128	109	116	127	135	114	121	132	141	119	127	139	148	125	133	145	155	129	138	150	160
	720	MBh	23.0	23.5	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.4	24.0	25.6	21.4	21.9	**23.4**	25.0	20.4	20.8	22.2	23.8	18.9	19.3	20.6	22.0
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	**0.74**	0.55	1.00	0.94	0.76	0.57	1.00	0.95	0.77	0.58
		ΔT	26	25	22	17	26	25	22	17	26	25	22	17	26	25	**22**	18	26	25	22	17	24	23	20	16
		kW	1.39	1.42	1.47	1.52	1.50	1.54	1.59	1.65	1.61	1.65	1.70	1.76	1.70	1.74	**1.80**	1.86	1.78	1.82	1.88	1.95	1.84	1.89	1.95	2.02
		Amps	5.8	5.9	6.1	6.3	6.2	6.4	6.6	6.9	6.8	7.0	7.2	7.5	7.3	7.5	**7.7**	8.0	7.8	8.0	8.2	8.5	8.2	8.4	8.7	9.1
		Hi PR	226	244	257	268	254	273	289	301	289	311	328	343	329	354	**374**	390	370	399	421	439	409	440	465	485
		Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	131	**143**	152	129	137	150	160	133	142	155	165
	820	MBh	23.7	24.3	25.9	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	22.1	22.6	24.1	25.8	21.0	21.4	22.9	24.5	19.4	19.9	21.2	22.7
		S/T	0.92	0.87	0.70	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.60
		ΔT	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	16	22	22	19	15
		kW	1.40	1.43	1.48	1.53	1.52	1.55	1.61	1.66	1.62	1.66	1.72	1.78	1.71	1.75	1.82	1.88	1.79	1.83	1.90	1.97	1.86	1.90	1.97	2.04
		Amps	5.8	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.9	7.0	7.3	7.6	7.3	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.2
		Hi PR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	443	413	445	470	490
		Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167
85	620	MBh	21.6	22.1	23.1	24.6	21.1	21.5	22.6	24.1	20.6	21.0	22.0	23.5	20.1	20.5	21.5	22.9	19.1	19.5	20.4	21.8	17.7	18.1	18.9	20.2
		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72
		ΔT	29	28	27	23	29	28	27	23	29	28	27	23	29	29	27	23	28	28	27	23	26	26	25	22
		kW	1.36	1.39	1.44	1.49	1.48	1.51	1.56	1.62	1.58	1.62	1.67	1.73	1.67	1.71	1.77	1.83	1.74	1.78	1.85	1.91	1.81	1.85	1.92	1.99
		Amps	5.6	5.8	6.0	6.2	6.1	6.3	6.5	6.7	6.7	6.8	7.1	7.3	7.1	7.3	7.6	7.9	7.6	7.8	8.1	8.4	8.1	8.3	8.6	8.9
		Hi PR	222	239	252	263	249	268	283	295	283	305	322	336	323	347	367	382	363	390	412	430	401	431	456	475
		Lo PR	105	111	121	129	110	118	128	137	115	122	133	142	121	128	140	149	126	134	147	156	131	139	152	162
	720	MBh	23.4	23.9	25.0	26.7	22.9	23.3	24.4	26.1	22.4	22.8	23.9	25.5	21.8	22.2	23.3	24.8	20.7	21.1	22.1	23.6	19.2	19.6	20.5	21.9
		S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75
		ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	26	27	26	22	25	25	24	21
		kW	1.40	1.43	1.48	1.53	1.52	1.55	1.61	1.66	1.62	1.66	1.72	1.78	1.71	1.75	1.82	1.88	1.79	1.83	1.90	1.97	1.86	1.90	1.97	2.04
		Amps	5.8	6.0	6.2	6.4	6.3	6.5	6.7	6.9	6.9	7.0	7.3	7.6	7.3	7.5	7.8	8.1	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.2
		Hi PR	229	246	260	271	257	276	292	304	292	314	332	346	333	358	378	394	374	403	425	443	413	445	470	490
		Lo PR	108	115	125	133	114	121	132	141	118	126	137	146	124	132	144	154	130	139	151	161	135	143	157	167
	820	MBh	24.1	24.6	25.8	27.5	23.6	24.0	25.2	26.9	23.0	23.5	24.6	26.2	22.5	22.9	24.0	25.6	21.3	21.8	22.8	24.3	19.8	20.2	21.1	22.5
		S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.78
		ΔT	26	26	24	21	26	26	25	21	26	26	25	21	25	26	25	22	24	24	25	21	22	23	23	20
		kW	1.41	1.44	1.49	1.55	1.53	1.57	1.62	1.68	1.64	1.67	1.73	1.80	1.73	1.77	1.83	1.90	1.81	1.85	1.92	1.99	1.88	1.92	1.99	2.06
		Amps	5.9	6.0	6.2	6.5	6.4	6.5	6.7	7.0	6.9	7.1	7.3	7.6	7.4	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2
		Hi PR	231	249	263	274	259	279	295	307	295	317	335	349	336	361	382	398	378	407	429	448	417	449	474	495
		Lo PR	109	116	126	135	115	122	134	142	120	127	139	148	126	134	146	155	132	140	153	163	136	145	158	168

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions.

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			OUTDOOR AMBIENT TEMPERATURE																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB*	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
70	1050	MBh	33.2	34.4	37.7	-	32.4	33.6	36.8	-	31.6	32.8	35.9	-	30.9	32.0	35.0	-	29.3	30.4	33.3	-	27.2	28.1	30.8	-
		S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
		ΔT	20	18	13	-	21	18	14	-	21	18	14	-	21	18	14	-	20	18	13	-	19	17	13	-
		kW	1.91	1.95	2.01	-	2.06	2.11	2.18	-	2.19	2.24	2.32	-	2.31	2.37	2.45	-	2.42	2.47	2.56	-	2.50	2.56	2.65	-
		Amps	7.7	7.9	8.2	-	8.4	8.6	8.9	-	9.1	9.3	9.7	-	9.8	10.0	10.3	-	10.4	10.7	11.0	-	11.0	11.3	11.7	-
		Hi PR	213	230	243	-	240	258	272	-	272	293	310	-	310	334	353	-	349	376	397	-	386	415	438	-
		Lo PR	104	111	121	-	110	117	128	-	114	122	133	-	120	128	139	-	126	134	146	-	130	138	151	-
	1160	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	0.73	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	-	0.83	0.70	0.48	-
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
		kW	1.93	1.98	2.04	-	2.09	2.14	2.21	-	2.23	2.28	2.36	-	2.35	2.40	2.48	-	2.45	2.51	2.59	-	2.54	2.60	2.69	-
		Amps	7.9	8.1	8.3	-	8.5	8.7	9.0	-	9.3	9.5	9.8	-	9.9	10.2	10.5	-	10.6	10.8	11.2	-	11.2	11.5	11.9	-
		Hi PR	217	234	247	-	244	262	277	-	277	298	315	-	316	340	359	-	355	382	404	-	392	422	446	-
		Lo PR	106	113	123	-	112	119	130	-	116	124	135	-	122	130	142	-	128	136	149	-	132	141	154	-
	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	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.72	0.50	-	0.88	0.73	0.51	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
		kW	1.95	1.99	2.06	-	2.11	2.15	2.23	-	2.25	2.30	2.38	-	2.37	2.42	2.51	-	2.47	2.53	2.62	-	2.56	2.62	2.71	-
		Amps	7.9	8.1	8.4	-	8.6	8.8	9.1	-	9.4	9.6	9.9	-	10.0	10.3	10.6	-	10.7	10.9	11.3	-	11.3	11.6	12.0	-
		Hi PR	219	236	249	-	246	265	280	-	280	301	318	-	319	343	362	-	359	386	408	-	396	426	450	-
		Lo PR	107	114	124	-	113	120	131	-	117	125	136	-	123	131	143	-	129	137	150	-	134	142	155	-
75	1050	MBh	33.7	34.7	37.6	40.4	33.0	33.9	36.7	39.4	32.2	33.1	35.8	38.5	31.4	32.3	35.0	37.5	29.8	30.7	33.2	35.7	27.6	28.4	30.8	33.0
		S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.40	0.92	0.82	0.62	0.40
		ΔT	24	22	18	12	24	22	18	12	24	22	18	12	24	22	18	13	24	22	18	12	22	20	17	12
		kW	1.92	1.97	2.03	2.10	2.08	2.12	2.20	2.27	2.21	2.26	2.34	2.42	2.33	2.39	2.47	2.56	2.44	2.49	2.58	2.67	2.53	2.58	2.67	2.77
		Amps	7.8	8.0	8.3	8.6	8.5	8.7	9.0	9.3	9.2	9.4	9.8	10.1	9.9	10.1	10.4	10.8	10.5	10.8	11.1	11.6	11.1	11.4	11.8	12.3
		Hi PR	216	232	245	256	242	260	275	287	275	296	313	326	313	337	356	371	353	379	401	418	390	419	443	462
		Lo PR	105	112	122	130	111	118	129	137	115	123	134	143	121	129	141	150	127	135	148	157	131	140	153	163
	1160	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	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.59	0.38	0.91	**0.81**	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	**21**	17	12	23	21	17	12	21	19	16	11
		kW	1.95	1.99	2.06	2.13	2.11	2.16	2.23	2.30	2.25	2.30	2.38	2.46	2.37	**2.42**	2.51	2.59	2.47	2.53	2.62	2.71	2.56	2.62	2.71	2.81
		Amps	7.9	8.1	8.4	8.7	8.6	8.8	9.1	9.5	9.4	9.6	9.9	10.3	10.0	**10.3**	10.6	11.0	10.7	10.9	11.3	11.8	11.3	11.6	12.0	12.5
		Hi PR	219	236	249	260	246	265	280	292	280	301	318	332	319	**343**	362	378	359	386	408	425	396	427	450	470
		Lo PR	107	114	124	132	113	120	131	140	117	125	136	145	123	**131**	143	153	129	138	150	160	134	142	155	165
	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	0.87	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	0.99	0.89	0.67	0.43
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
		kW	1.97	2.01	2.08	2.15	2.13	2.17	2.25	2.32	2.27	2.32	2.40	2.48	2.39	2.44	2.53	2.62	2.49	2.55	2.64	2.73	2.59	2.65	2.74	2.83
		Amps	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.5	9.4	9.7	10.0	10.4	10.1	10.4	10.7	11.1	10.8	11.0	11.4	11.9	11.4	11.7	12.1	12.6
		Hi PR	222	238	252	263	249	268	283	295	283	304	321	335	322	347	366	382	362	390	412	429	400	431	455	474
		Lo PR	108	115	125	134	114	121	133	141	119	126	138	147	125	133	145	154	131	139	152	161	135	144	157	167

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			Outdoor Ambient Temperature																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			Entering Indoor Wet Bulb Temperature																							
IDB*		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
80	1050	MBh	34.3	35.1	37.5	40.1	33.5	34.3	36.6	39.1	32.7	33.5	35.7	38.2	31.9	32.6	34.9	37.3	30.3	31.0	33.1	35.4	28.1	28.7	30.7	32.8
		S/T	0.87	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57
		ΔT	26	25	22	18	27	25	22	18	27	26	22	18	27	26	22	18	26	25	22	18	25	24	21	16
		kW	1.94	1.98	2.05	2.12	2.10	2.14	2.21	2.29	2.23	2.28	2.36	2.44	2.35	2.41	2.49	2.58	2.46	2.52	2.60	2.69	2.55	2.61	2.70	2.79
		Amps	7.9	8.1	8.3	8.7	8.5	8.7	9.0	9.4	9.3	9.5	9.8	10.2	9.9	10.2	10.5	11.0	10.6	10.9	11.2	11.7	11.2	11.5	11.9	12.4
		Hi PR	218	234	248	258	244	263	278	290	278	299	316	329	317	341	360	375	356	383	405	422	394	424	447	466
		Lo PR	106	113	123	131	112	119	130	139	117	124	135	144	122	130	142	151	128	137	149	159	133	141	154	164
	1160	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	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	0.99	0.93	**0.76**	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.79	0.59
		ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	24	**21**	17	24	24	21	17	23	23	20	16
		kW	1.97	2.01	2.08	2.15	2.13	2.17	2.25	2.32	2.27	2.32	2.40	2.48	2.39	2.44	**2.53**	2.62	2.50	2.55	2.64	2.73	2.59	2.65	2.74	2.83
		Amps	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.5	9.4	9.7	10.0	10.4	10.1	10.4	**10.7**	11.1	10.8	11.0	11.4	11.9	11.4	11.7	12.1	12.6
		Hi PR	222	238	252	263	249	268	283	295	283	304	321	335	322	347	**366**	382	362	390	412	429	400	431	455	475
		Lo PR	108	115	125	134	114	121	133	141	119	126	138	147	125	133	**145**	154	131	139	152	162	135	144	157	167
	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	0.95	0.89	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.59	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
		ΔT	23	22	19	15	24	23	20	16	23	23	20	16	23	23	20	16	22	22	19	16	20	20	18	15
		kW	1.98	2.03	2.09	2.17	2.14	2.19	2.27	2.34	2.29	2.34	2.42	2.50	2.41	2.47	2.55	2.64	2.52	2.58	2.66	2.76	2.61	2.67	2.76	2.86
		Amps	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.6	9.5	9.8	10.1	10.5	10.2	10.5	10.8	11.2	10.9	11.2	11.5	12.0	11.5	11.8	12.2	12.7
		Hi PR	224	241	254	265	251	270	285	298	286	307	325	339	325	350	370	386	366	394	416	434	404	435	459	479
		Lo PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169
85	1050	MBh	34.9	35.6	37.3	39.8	34.1	34.8	36.4	38.9	33.3	34.0	35.6	37.9	32.5	33.1	34.7	37.0	30.9	31.5	33.0	35.2	28.6	29.2	30.5	32.6
		S/T	0.92	0.88	0.80	0.65	0.95	0.92	0.83	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
		ΔT	28	28	26	23	28	28	26	23	28	28	26	23	28	28	27	23	27	28	26	23	25	26	24	21
		kW	1.95	2.00	2.06	2.13	2.11	2.16	2.23	2.31	2.25	2.30	2.38	2.46	2.38	2.43	2.51	2.60	2.48	2.54	2.62	2.72	2.57	2.63	2.72	2.82
		Amps	8.0	8.2	8.4	8.7	8.6	8.8	9.1	9.5	9.4	9.6	9.9	10.3	10.0	10.3	10.6	11.1	10.7	11.0	11.3	11.8	11.4	11.6	12.0	12.5
		Hi PR	220	237	250	261	247	266	281	293	281	302	319	333	320	344	363	379	360	387	409	426	397	428	452	471
		Lo PR	107	114	125	133	113	121	132	140	118	125	137	146	124	132	144	153	130	138	151	160	134	143	156	166
	1160	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	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		ΔT	27	26	25	21	27	27	25	22	27	27	25	22	26	27	25	22	25	25	25	22	23	23	23	20
		kW	1.98	2.03	2.09	2.17	2.14	2.19	2.27	2.34	2.29	2.34	2.42	2.50	2.41	2.47	2.55	2.64	2.52	2.58	2.66	2.76	2.61	2.67	2.76	2.86
		Amps	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.6	9.5	9.8	10.1	10.5	10.2	10.5	10.8	11.2	10.9	11.2	11.5	12.0	11.5	11.8	12.2	12.7
		Hi PR	224	241	254	265	251	270	285	298	286	307	325	339	325	350	370	386	366	394	416	434	404	435	459	479
		Lo PR	109	116	127	135	115	123	134	143	120	127	139	148	126	134	146	156	132	140	153	163	136	145	158	169
	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	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
		ΔT	25	24	23	20	24	25	23	20	24	24	23	20	23	24	24	20	22	22	23	20	20	21	22	19
		kW	2.00	2.04	2.11	2.18	2.16	2.21	2.29	2.36	2.30	2.36	2.44	2.52	2.43	2.49	2.57	2.66	2.54	2.60	2.69	2.78	2.63	2.69	2.79	2.88
		Amps	8.2	8.4	8.6	9.0	8.8	9.1	9.4	9.7	9.6	9.9	10.2	10.6	10.3	10.6	10.9	11.3	11.0	11.3	11.6	12.1	11.6	11.9	12.4	12.8
		Hi PR	226	243	257	268	254	273	288	301	288	310	328	342	329	354	373	389	370	398	420	438	408	439	464	484
		Lo PR	110	117	128	136	116	124	135	144	121	129	141	150	127	135	148	157	133	142	155	165	138	147	160	170

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			OUTDOOR AMBIENT TEMPERATURE																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB*		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
70	1300	MBh	43.6	45.2	49.5	-	42.6	44.1	48.3	-	41.5	43.1	47.2	-	40.5	42.0	46.0	-	38.5	39.9	43.7	-	35.7	37.0	40.5	-
		S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-
		ΔT	21	18	14	-	21	19	14	-	21	19	14	-	22	19	14	-	21	18	14	-	20	17	13	-
		kW	2.71	2.76	2.85	-	2.92	2.98	3.08	-	3.11	3.18	3.29	-	3.28	3.35	3.46	-	3.42	3.50	3.62	-	3.54	3.62	3.75	-
		Amps	10.9	11.2	11.6	-	11.8	12.1	12.5	-	12.9	13.2	13.6	-	13.8	14.1	14.6	-	14.7	15.0	15.5	-	15.5	15.9	16.5	-
		Hi PR	219	236	249	-	246	264	279	-	279	301	318	-	318	343	362	-	358	385	407	-	396	426	450	-
		Lo PR	103	110	120	-	109	116	127	-	113	121	132	-	119	127	138	-	125	133	145	-	129	137	150	-
	1440	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	-	36.2	37.5	41.1	-
		S/T	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-
		ΔT	20	17	13	-	20	18	13	-	20	18	13	-	21	18	13	-	20	18	13	-	19	16	12	-
		kW	2.74	2.80	2.90	-	2.96	3.03	3.13	-	3.15	3.23	3.33	-	3.32	3.40	3.52	-	3.47	3.55	3.67	-	3.59	3.68	3.80	-
		Amps	11.1	11.4	11.7	-	12.0	12.3	12.7	-	13.1	13.4	13.8	-	14.0	14.3	14.8	-	14.9	15.3	15.8	-	15.8	16.2	16.7	-
		Hi PR	223	240	253	-	250	269	284	-	284	306	323	-	324	348	368	-	364	392	414	-	403	433	457	-
		Lo PR	105	112	122	-	111	118	129	-	115	123	134	-	121	129	141	-	127	135	147	-	131	140	152	-
	1580	MBh	44.7	46.3	50.7	-	43.6	45.2	49.6	-	42.6	44.2	48.4	-	41.6	43.1	47.2	-	39.5	40.9	44.8	-	36.6	37.9	41.5	-
		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	-	0.83	0.70	0.48	-
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		kW	2.75	2.81	2.90	-	2.97	3.04	3.14	-	3.16	3.23	3.34	-	3.33	3.41	3.52	-	3.48	3.56	3.68	-	3.60	3.69	3.81	-
		Amps	11.1	11.4	11.8	-	12.0	12.3	12.8	-	13.1	13.4	13.9	-	14.0	14.4	14.9	-	14.9	15.3	15.8	-	15.8	16.2	16.8	-
		Hi PR	223	240	254	-	251	270	285	-	285	307	324	-	325	350	369	-	365	393	415	-	404	434	459	-
		Lo PR	105	112	122	-	111	118	129	-	116	123	134	-	121	129	141	-	127	135	148	-	132	140	153	-
75	1300	MBh	44.3	45.6	49.4	53.0	43.3	44.6	48.2	51.8	42.3	43.5	47.1	50.5	41.2	42.4	45.9	49.3	39.2	40.3	43.6	46.8	36.3	37.3	40.4	43.4
		S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39
		ΔT	24	23	18	13	25	23	19	13	25	23	19	13	25	23	19	13	25	23	19	13	23	21	17	12
		kW	2.73	2.79	2.88	2.97	2.94	3.01	3.11	3.21	3.14	3.21	3.31	3.43	3.31	3.38	3.49	3.61	3.45	3.53	3.65	3.77	3.57	3.65	3.78	3.91
		Amps	11.0	11.3	11.7	12.1	11.9	12.2	12.6	13.1	13.0	13.3	13.8	14.3	13.9	14.2	14.7	15.3	14.8	15.2	15.7	16.3	15.7	16.1	16.6	17.3
		Hi PR	221	238	251	262	248	267	282	294	282	304	321	335	322	346	365	381	362	389	411	429	400	430	454	474
		Lo PR	104	111	121	129	110	117	128	136	114	122	133	142	120	128	140	149	126	134	146	156	130	139	151	161
	1440	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	36.8	37.9	41.0	44.0
		S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	**0.79**	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.41
		ΔT	23	21	18	12	24	22	18	12	24	22	18	12	24	**22**	18	12	23	22	18	12	22	20	16	11
		kW	2.77	2.83	2.92	3.02	2.99	3.05	3.16	3.26	3.18	3.25	3.36	3.48	3.35	**3.43**	3.55	3.67	3.50	3.58	3.70	3.83	3.63	3.71	3.84	3.97
		Amps	11.2	11.5	11.9	12.3	12.1	12.4	12.8	13.3	13.2	13.5	14.0	14.5	14.1	**14.5**	15.0	15.5	15.0	15.4	15.9	16.6	15.9	16.3	16.9	17.6
		Hi PR	225	242	256	267	253	272	287	299	287	309	326	340	327	**352**	372	388	368	396	418	436	407	438	462	482
		Lo PR	106	113	123	131	112	119	130	139	116	124	135	144	122	**130**	142	151	128	136	149	159	133	141	154	164
	1580	MBh	45.4	46.8	50.6	54.3	44.4	45.7	49.5	53.1	43.3	44.6	48.3	51.8	42.3	43.5	47.1	50.6	40.2	41.3	44.8	48.0	37.2	38.3	41.5	44.5
		S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.59	0.38	0.91	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
		ΔT	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	15	11
		kW	2.77	2.83	2.93	3.02	2.99	3.06	3.16	3.27	3.19	3.26	3.37	3.49	3.36	3.44	3.56	3.68	3.51	3.59	3.71	3.84	3.63	3.72	3.85	3.98
		Amps	11.2	11.5	11.9	12.3	12.2	12.5	12.9	13.4	13.2	13.6	14.0	14.6	14.2	14.5	15.0	15.6	15.1	15.5	16.0	16.6	16.0	16.4	17.0	17.6
		Hi PR	226	243	257	268	253	273	288	300	288	310	327	341	328	353	373	389	369	397	419	438	408	439	463	483
		Lo PR	106	113	124	132	112	120	131	139	117	124	136	144	123	131	142	152	129	137	149	159	133	141	154	165

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			OUTDOOR AMBIENT TEMPERATURE																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB*	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
80	1300	MBh	45.1	46.1	49.2	52.6	44.1	45.0	48.1	51.4	43.0	43.9	46.9	50.2	42.0	42.9	45.8	49.0	39.9	40.7	43.5	46.5	36.9	37.7	40.3	43.1
		S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.74	0.56	0.98	0.92	0.75	0.56
		ΔT	27	26	23	18	28	27	23	18	28	27	23	18	28	27	23	19	28	26	23	18	26	25	21	17
		kW	2.75	2.81	2.90	3.00	2.97	3.04	3.14	3.24	3.16	3.23	3.34	3.46	3.33	3.41	3.52	3.65	3.48	3.56	3.68	3.81	3.60	3.69	3.81	3.95
		Amps	11.1	11.4	11.8	12.2	12.0	12.3	12.8	13.2	13.1	13.4	13.9	14.4	14.0	14.4	14.9	15.4	14.9	15.3	15.8	16.4	15.8	16.2	16.8	17.4
		Hi PR	223	240	254	265	251	270	285	297	285	307	324	338	325	350	369	385	365	393	415	433	404	434	459	479
		Lo PR	105	112	122	130	111	118	129	138	116	123	134	143	121	129	141	150	127	135	148	157	132	140	153	163
	1440	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	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.94	0.89	0.72	0.54	0.97	0.91	**0.74**	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58
		ΔT	26	25	22	17	26	25	22	18	26	25	22	18	27	25	**22**	18	26	25	22	17	24	23	20	16
		kW	2.79	2.85	2.94	3.04	3.01	3.08	3.18	3.29	3.21	3.28	3.39	3.51	3.38	3.46	**3.58**	3.70	3.53	3.61	3.73	3.86	3.66	3.74	3.87	4.01
		Amps	11.3	11.6	12.0	12.4	12.2	12.5	13.0	13.5	13.3	13.6	14.1	14.6	14.2	14.6	**15.1**	15.7	15.2	15.6	16.1	16.7	16.1	16.5	17.1	17.7
		Hi PR	227	245	258	269	255	275	290	302	290	312	330	344	330	356	**376**	392	372	400	422	441	411	442	467	487
		Lo PR	107	114	124	133	113	120	131	140	118	125	137	145	124	131	**144**	153	129	138	150	160	134	142	156	166
	1580	MBh	46.2	47.3	50.5	54.0	45.2	46.2	49.3	52.7	44.1	45.1	48.1	51.5	43.0	44.0	47.0	50.2	40.9	41.8	44.6	47.7	37.9	38.7	41.3	44.2
		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	0.79	0.59
		ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	24	20	16	22	22	19	15
		kW	2.80	2.86	2.95	3.05	3.02	3.09	3.19	3.30	3.22	3.29	3.40	3.52	3.39	3.47	3.59	3.71	3.54	3.62	3.74	3.87	3.67	3.75	3.88	4.02
		Amps	11.3	11.6	12.0	12.5	12.3	12.6	13.0	13.5	13.4	13.7	14.1	14.7	14.3	14.6	15.1	15.7	15.2	15.6	16.1	16.8	16.1	16.5	17.1	17.8
		Hi PR	228	245	259	270	256	275	291	303	291	313	331	345	331	357	377	393	373	401	424	442	412	443	468	488
		Lo PR	107	114	125	133	114	121	132	140	118	126	137	146	124	132	144	153	130	138	151	161	134	143	156	166
85	1300	MBh	45.9	46.8	49.0	52.3	44.8	45.7	47.9	51.1	43.8	44.6	46.7	49.8	42.7	43.5	45.6	48.6	40.6	41.3	43.3	46.2	37.6	38.3	40.1	42.8
		S/T	0.90	0.87	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.90	0.73
		ΔT	29	29	27	23	30	29	27	24	30	29	27	24	30	29	28	24	29	29	27	24	27	27	25	22
		kW	2.77	2.83	2.93	3.02	2.99	3.06	3.16	3.27	3.19	3.26	3.37	3.49	3.36	3.44	3.55	3.68	3.51	3.59	3.71	3.84	3.63	3.72	3.85	3.98
		Amps	11.2	11.5	11.9	12.3	12.2	12.5	12.9	13.4	13.2	13.6	14.0	14.5	14.2	14.5	15.0	15.6	15.1	15.5	16.0	16.6	16.0	16.4	17.0	17.6
		Hi PR	226	243	256	268	253	273	288	300	288	310	327	341	328	353	373	389	369	397	419	437	408	439	463	483
		Lo PR	106	113	124	132	112	120	131	139	117	124	136	144	123	131	142	152	129	137	149	159	133	141	154	164
	1440	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	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.76
		ΔT	28	27	26	22	28	28	26	23	28	28	26	23	28	28	26	23	26	27	26	22	24	25	24	21
		kW	2.81	2.87	2.97	3.07	3.04	3.11	3.21	3.32	3.24	3.31	3.42	3.54	3.41	3.49	3.61	3.73	3.56	3.64	3.77	3.90	3.69	3.77	3.90	4.04
		Amps	11.4	11.7	12.1	12.5	12.4	12.7	13.1	13.6	13.4	13.8	14.2	14.8	14.4	14.7	15.2	15.8	15.3	15.7	16.2	16.9	16.3	16.7	17.2	17.9
		Hi PR	230	247	261	272	258	277	293	305	293	315	333	347	334	359	379	396	375	404	427	445	415	446	471	492
		Lo PR	108	115	126	134	114	122	133	141	119	126	138	147	125	133	145	154	131	139	152	162	135	144	157	167
	1580	MBh	47.1	48.0	50.2	53.6	46.0	46.8	49.1	52.3	44.9	45.7	47.9	51.1	43.8	44.6	46.7	49.9	41.6	42.4	44.4	47.4	38.5	39.3	41.1	43.9
		S/T	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.70	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
		ΔT	26	26	24	21	26	26	24	21	26	26	25	21	25	26	25	21	24	25	24	21	22	23	23	20
		kW	2.82	2.88	2.98	3.08	3.05	3.11	3.22	3.33	3.24	3.32	3.43	3.55	3.42	3.50	3.62	3.74	3.57	3.65	3.78	3.91	3.70	3.78	3.91	4.05
		Amps	11.4	11.7	12.1	12.6	12.4	12.7	13.1	13.6	13.5	13.8	14.3	14.8	14.4	14.8	15.3	15.9	15.4	15.7	16.3	16.9	16.3	16.7	17.3	17.9
		Hi PR	230	248	262	273	258	278	294	306	294	316	334	348	335	360	380	397	377	405	428	446	416	448	473	493
		Lo PR	109	115	126	134	115	122	133	142	119	127	138	147	125	133	145	155	131	140	152	162	136	144	158	168

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			OUTDOOR AMBIENT TEMPERATURE																						
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																						
IDB*	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
70	1390	MBh	53.3	54.1	55.7	-	52.8	53.6	55.2	-	51.4	52.2	53.8	-	49.0	49.8	51.4	-	46.1	46.9	48.4	-	43.4	44.2	45.8	-
		S/T	0.58	0.50	0.37	-	0.58	0.51	0.38	-	0.61	0.53	0.40	-	0.63	0.55	0.42	-	1.00	0.57	0.44	-	1.00	0.62	0.49	-
		ΔT	21	19	15	-	21	19	15	-	21	19	15	-	21	19	15	-	20	18	15	-	21	20	16	-
		kW	3.14	3.14	3.13	-	3.57	3.56	3.56	-	4.04	4.04	4.03	-	4.55	4.55	4.54	-	5.12	5.12	5.11	-	5.79	5.79	5.78	-
		Amps	12.2	12.2	12.2	-	14.1	14.0	14.0	-	16.1	16.1	16.1	-	18.3	18.3	18.3	-	20.8	20.8	20.8	-	23.7	23.7	23.7	-
		Hi PR	254	255	257	-	294	295	297	-	336	337	339	-	382	383	384	-	430	431	433	-	482	484	485	-
		Lo PR	120	121	124	-	127	128	131	-	133	135	138	-	139	140	143	-	144	145	149	-	151	152	155	-
	1630	MBh	54.1	54.9	56.5	-	53.6	54.4	56.0	-	52.2	53.0	54.6	-	49.8	50.6	52.2	-	46.9	47.7	49.3	-	44.2	45.0	46.6	-
		S/T	0.65	0.58	0.44	-	0.66	0.58	0.45	-	0.68	0.61	0.47	-	0.70	0.63	0.49	-	1.00	0.65	0.51	-	1.00	0.70	0.56	-
		ΔT	19	17	14	-	19	17	14	-	19	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-
		kW	3.17	3.17	3.16	-	3.59	3.59	3.58	-	4.07	4.06	4.06	-	4.58	4.57	4.57	-	5.15	5.14	5.14	-	5.82	5.81	5.81	-
		Amps	12.3	12.3	12.3	-	14.2	14.2	14.1	-	16.2	16.2	16.2	-	18.4	18.4	18.4	-	20.9	20.9	20.9	-	23.8	23.8	23.8	-
		Hi PR	257	258	259	-	297	298	300	-	339	340	342	-	384	385	387	-	433	434	436	-	485	486	488	-
		Lo PR	122	123	126	-	129	130	134	-	135	137	140	-	141	142	145	-	146	148	151	-	153	154	157	-
	1870	MBh	55.1	55.9	57.5	-	54.6	55.4	57.0	-	53.3	54.0	55.6	-	50.9	51.6	53.2	-	47.9	48.7	50.3	-	45.2	46.0	47.6	-
		S/T	0.69	0.61	0.48	-	0.69	0.62	0.49	-	0.72	0.64	0.51	-	0.74	0.66	0.53	-	1.00	0.68	0.55	-	1.00	0.73	0.60	-
		ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	12	-	19	17	14	-
		kW	3.19	3.19	3.18	-	3.62	3.61	3.60	-	4.09	4.08	4.08	-	4.60	4.59	4.59	-	5.17	5.17	5.16	-	5.84	5.84	5.83	-
		Amps	12.4	12.4	12.4	-	14.3	14.3	14.2	-	16.3	16.3	16.3	-	18.5	18.5	18.5	-	21.0	21.0	21.0	-	23.9	23.9	23.9	-
		Hi PR	259	260	262	-	299	300	302	-	341	342	344	-	387	388	389	-	435	436	438	-	488	489	490	-
		Lo PR	124	125	129	-	131	133	136	-	138	139	142	-	143	145	148	-	148	150	153	-	155	157	160	-
75	1390	MBh	53.3	54.1	55.7	58.1	52.9	53.6	55.2	57.6	51.5	52.2	53.8	56.2	49.1	49.8	51.4	53.8	46.1	46.9	48.5	50.9	43.4	44.2	45.8	48.2
		S/T	0.70	0.63	0.50	0.36	0.71	0.64	0.50	0.36	1.00	0.66	0.53	0.39	1.00	0.68	0.55	0.41	1.00	0.70	0.57	0.43	1.00	0.75	0.62	0.48
		ΔT	25	23	19	16	25	23	19	16	25	23	20	16	25	23	19	16	24	23	19	15	26	24	20	17
		kW	3.14	3.14	3.13	3.16	3.56	3.56	3.55	3.59	4.04	4.03	4.03	4.06	4.55	4.54	4.54	4.57	5.12	5.11	5.11	5.14	5.79	5.78	5.78	5.81
		Amps	12.2	12.2	12.2	12.3	14.0	14.0	14.0	14.1	16.1	16.1	16.1	16.2	18.3	18.3	18.3	18.4	20.8	20.8	20.8	20.9	23.7	23.7	23.7	23.8
		Hi PR	254	255	257	262	294	296	297	302	336	338	339	344	382	383	385	389	431	432	433	438	483	484	486	490
		Lo PR	120	121	124	129	127	128	131	137	133	135	138	143	139	140	143	148	144	146	149	154	151	152	155	160
	1630	MBh	54.1	54.9	56.5	58.9	53.7	54.4	56.0	58.5	52.3	53.0	54.6	57.1	49.9	**50.6**	52.2	54.7	46.9	47.7	49.3	51.7	44.3	45.0	46.6	49.1
		S/T	0.78	0.70	0.57	0.43	0.78	0.71	0.58	0.44	1.00	0.73	0.60	0.46	1.00	**0.75**	0.62	0.48	1.00	0.77	0.64	0.50	1.00	0.82	0.69	0.55
		ΔT	23	22	18	14	23	21	18	14	24	22	18	15	23	**21**	18	14	23	21	18	14	24	22	19	15
		kW	3.17	3.17	3.16	3.19	3.59	3.59	3.58	3.61	4.06	4.06	4.05	4.08	4.57	**4.57**	4.56	4.60	5.14	5.14	5.13	5.17	5.81	5.81	5.80	5.84
		Amps	12.3	12.3	12.3	12.4	14.2	14.1	14.1	14.3	16.2	16.2	16.2	16.3	18.4	**18.4**	18.4	18.5	20.9	20.9	20.9	21.0	23.8	23.8	23.8	23.9
		Hi PR	257	258	260	264	297	298	300	304	339	340	342	346	384	**385**	387	392	433	434	436	440	485	486	488	493
		Lo PR	122	123	126	131	129	130	134	139	135	137	140	145	141	**142**	145	150	146	148	151	156	153	154	157	162
	1870	MBh	55.2	55.9	57.5	59.9	54.7	55.4	57.0	59.5	53.3	54.0	55.6	58.1	50.9	51.6	53.2	55.7	48.0	48.7	50.3	52.7	45.3	46.0	47.6	50.1
		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
		ΔT	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	3.19	3.19	3.18	3.21	3.61	3.61	3.60	3.63	4.08	4.08	4.07	4.11	4.60	4.59	4.58	4.62	5.17	5.16	5.16	5.19	5.84	5.83	5.83	5.86
		Amps	12.4	12.4	12.4	12.5	14.3	14.2	14.2	14.3	16.3	16.3	16.3	16.4	18.5	18.5	18.5	18.6	21.0	21.0	21.0	21.1	23.9	23.9	23.9	24.0
		Hi PR	259	260	262	267	299	301	302	307	341	343	344	349	387	388	390	394	436	437	439	443	488	489	491	495
		Lo PR	124	126	129	134	131	133	136	141	138	139	142	147	143	145	148	153	148	150	153	158	155	157	160	165

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

			OUTDOOR AMBIENT TEMPERATURE																							
			65°F				75°F				85°F				95°F				105°F				115°F			
			ENTERING INDOOR WET BULB TEMPERATURE																							
IDB*	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
80	1390	MBh	53.6	54.4	56.0	58.4	53.1	53.9	55.5	57.9	51.7	52.5	54.1	56.5	49.3	50.1	51.7	54.1	46.4	47.2	48.8	51.2	43.7	44.5	46.1	48.5
		S/T	0.83	0.75	0.62	0.48	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	0.69	0.55	1.00	1.00	0.74	0.60
		ΔT	29	27	24	20	29	27	23	20	29	27	24	20	29	27	23	20	29	27	23	20	30	28	24	21
		kW	3.14	3.14	3.13	3.17	3.57	3.56	3.56	3.59	4.04	4.04	4.03	4.06	4.55	4.55	4.54	4.57	5.12	5.12	5.11	5.14	5.79	5.79	5.78	5.81
		Amps	12.2	12.2	12.2	12.3	14.1	14.0	14.0	14.2	16.1	16.1	16.1	16.2	18.3	18.3	18.3	18.4	20.8	20.8	20.8	20.9	23.7	23.7	23.7	23.8
		Hi PR	255	256	258	262	295	296	298	302	337	338	340	344	382	383	385	390	431	432	434	438	483	484	486	490
		Lo PR	120	122	125	130	127	129	132	137	134	135	138	144	139	141	144	149	145	146	149	154	151	153	156	161
	1630	MBh	54.4	55.2	56.8	59.2	53.9	54.7	56.3	58.7	52.5	53.3	54.9	57.3	50.2	50.9	**52.5**	54.9	47.2	48.0	49.6	52.0	44.5	45.3	46.9	49.3
		S/T	0.90	0.82	0.69	0.55	1.00	0.83	0.70	0.56	1.00	0.85	0.72	0.58	1.00	0.87	**0.74**	0.60	1.00	1.00	0.76	0.62	1.00	1.00	0.81	0.67
		ΔT	28	26	22	19	28	26	22	18	28	26	22	19	27	26	**22**	18	27	25	22	18	28	27	23	19
		kW	3.17	3.17	3.16	3.19	3.59	3.59	3.58	3.62	4.07	4.06	4.05	4.09	4.58	4.57	**4.57**	4.60	5.15	5.14	5.14	5.17	5.82	5.81	5.81	5.84
		Amps	12.3	12.3	12.3	12.4	14.2	14.2	14.1	14.3	16.2	16.2	16.2	16.3	18.4	18.4	**18.4**	18.5	20.9	20.9	20.9	21.0	23.8	23.8	23.8	23.9
		Hi PR	257	258	260	265	297	299	300	305	339	341	342	347	385	386	**388**	392	434	435	437	441	486	487	489	493
		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
	1870	MBh	55.4	56.2	57.8	60.2	55.0	55.7	57.3	59.7	53.6	54.3	55.9	58.3	51.2	51.9	53.5	55.9	48.2	49.0	50.6	53.0	45.5	46.3	47.9	50.3
		S/T	1.00	0.86	0.73	0.59	1.00	0.87	0.73	0.59	1.00	0.89	0.76	0.62	1.00	0.91	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	0.85	0.71
		ΔT	26	25	21	17	26	25	21	17	27	25	21	18	26	24	21	17	26	24	21	17	27	25	22	18
		kW	3.19	3.19	3.18	3.21	3.61	3.61	3.60	3.64	4.09	4.08	4.08	4.11	4.60	4.59	4.59	4.62	5.17	5.16	5.16	5.19	5.84	5.83	5.83	5.86
		Amps	12.4	12.4	12.4	12.5	14.3	14.2	14.2	14.4	16.3	16.3	16.3	16.4	18.5	18.5	18.5	18.6	21.0	21.0	21.0	21.1	23.9	23.9	23.9	24.0
		Hi PR	260	261	263	267	300	301	303	307	342	343	345	349	387	388	390	395	436	437	439	443	488	489	491	496
		Lo PR	125	126	129	134	132	133	136	142	138	140	143	148	144	145	148	153	149	150	153	159	156	157	160	165
85	1390	MBh	54.5	55.3	56.9	59.3	54.0	54.8	56.4	58.8	52.6	53.4	55.0	57.4	50.2	51.0	52.6	55.0	47.3	48.1	49.7	52.1	44.6	45.4	47.0	49.4
		S/T	1.00	0.85	0.72	0.58	1.00	0.86	0.72	0.59	1.00	1.00	0.75	0.61	1.00	1.00	0.77	0.63	1.00	1.00	0.79	0.65	1.00	1.00	0.84	0.70
		ΔT	33	31	27	24	33	31	27	24	33	31	27	24	33	31	27	24	32	30	27	23	33	32	28	24
		kW	3.15	3.15	3.14	3.17	3.58	3.57	3.56	3.60	4.05	4.04	4.04	4.07	4.56	4.55	4.55	4.58	5.13	5.13	5.12	5.15	5.80	5.79	5.79	5.82
		Amps	12.3	12.2	12.2	12.3	14.1	14.1	14.0	14.2	16.1	16.1	16.1	16.2	18.4	18.4	18.3	18.5	20.8	20.8	20.8	20.9	23.8	23.7	23.7	23.9
		Hi PR	256	257	259	263	296	297	299	303	338	339	341	345	383	385	386	391	432	433	435	440	484	485	487	492
		Lo PR	122	123	127	132	129	131	134	139	136	137	140	145	141	143	146	151	146	148	151	156	153	154	158	163
	1630	MBh	55.3	56.1	57.7	60.1	54.8	55.6	57.2	59.6	53.4	54.2	55.8	58.2	51.1	51.8	53.4	55.8	48.1	48.9	50.5	52.9	45.4	46.2	47.8	50.2
		S/T	1.00	0.92	0.79	0.65	1.00	0.93	0.80	0.66	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	1.00	0.77
		ΔT	31	29	26	22	31	29	26	22	31	30	26	22	31	29	26	22	31	29	26	22	32	30	27	23
		kW	3.18	3.18	3.17	3.20	3.60	3.60	3.59	3.62	4.07	4.07	4.06	4.10	4.58	4.58	4.57	4.61	5.15	5.15	5.14	5.18	5.82	5.82	5.81	5.85
		Amps	12.4	12.4	12.3	12.5	14.2	14.2	14.2	14.3	16.3	16.2	16.2	16.4	18.5	18.5	18.4	18.6	21.0	20.9	20.9	21.1	23.9	23.9	23.8	24.0
		Hi PR	258	260	261	266	299	300	302	306	341	342	344	348	386	387	389	393	435	436	438	442	487	488	490	494
		Lo PR	124	126	129	134	131	133	136	141	138	139	142	147	143	145	148	153	148	150	153	158	155	157	160	165
	1870	MBh	56.3	57.1	58.7	61.1	55.9	56.6	58.2	60.6	54.5	55.2	56.8	59.2	52.1	52.8	54.4	56.8	49.1	49.9	51.5	53.9	46.4	47.2	48.8	51.2
		S/T	1.00	0.96	0.83	0.69	1.00	0.97	0.83	0.69	1.00	1.00	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	0.90	0.76	1.00	1.00	1.00	0.81
		ΔT	30	28	25	21	30	28	25	21	30	28	25	21	30	28	25	21	30	28	24	21	31	29	26	22
		kW	3.20	3.20	3.19	3.22	3.62	3.62	3.61	3.64	4.09	4.09	4.08	4.12	4.61	4.60	4.60	4.63	5.18	5.17	5.17	5.20	5.85	5.84	5.84	5.87
		Amps	12.5	12.4	12.4	12.6	14.3	14.3	14.3	14.4	16.4	16.3	16.3	16.4	18.6	18.6	18.5	18.7	21.1	21.0	21.0	21.1	24.0	24.0	23.9	24.1
		Hi PR	261	262	264	268	301	302	304	308	343	344	346	350	388	390	391	396	437	438	440	445	489	491	492	497
		Lo PR	126	128	131	136	134	135	138	143	140	142	145	150	145	147	150	155	151	152	155	160	157	159	162	167

IDB*: Entering Indoor Dry Bulb Temperature

Shaded area reflects AHRI conditions

kW = Total system power

High and low pressures are measured at the liquid and suction service valves.

Amps = outdoor unit amps

Airflow may vary depending on actual ambient conditions and system operation modes.

GVZC200241A* / CA*F3642*6D* + MBVC1200-1A*+TXV**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	29.7	28.1	26.4	24.7	23.6	22.9	21.2	21.3	18.9	17.5	16.4	15.2	14.0	12.7	11.4	10.3	8.9	7.1
T/R	38	36	34	32	30	29	27	27	24	22	21	20	18	16	15	13	11	9
kW	2.03	1.96	1.97	1.92	1.87	1.86	1.79	2.01	1.91	1.86	1.85	1.82	1.74	1.65	1.60	1.56	1.51	1.39
Amps	8.5	8.1	8.2	8.0	7.7	7.7	7.4	8.4	7.9	7.7	7.7	7.5	7.2	6.8	6.6	6.4	6.2	5.7
COP	4.28	4.20	3.94	3.78	3.70	3.61	3.48	3.10	2.90	2.75	2.60	2.45	2.36	2.25	2.09	1.93	1.72	1.50
HI PR	486	467	452	439	427	421	410	323	312	304	296	292	288	281	274	268	262	256
LO PR	150	138	127	118	109	108	99	91	83	75	68	61	61	54	48	42	36	31

GVZC200361A* / CA*F3743*6D* + MBVC1600-1A*+TXV**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	44.0	41.7	39.2	36.6	35.0	33.9	31.5	38.8	35.9	33.1	30.5	28.8	27.7	24.9	22.1	19.2	16.4	13.4
T/R	35	33	31	29	28	27	25	31	29	26	24	23	22	20	18	15	13	11
kW	2.66	2.61	2.56	2.51	2.48	2.46	2.41	4.06	3.97	3.87	3.77	3.72	3.68	3.58	3.48	3.39	3.29	3.19
Amps	10.8	10.5	10.3	10.1	10.0	9.9	9.7	16.9	16.4	16.0	15.6	15.3	15.2	14.7	14.3	13.9	13.5	13.1
COP	4.84	4.67	4.49	4.28	4.14	4.04	3.83	2.80	2.65	2.51	2.37	2.27	2.21	2.04	1.86	1.67	1.46	1.24
HI PR	389	373	358	343	335	328	316	303	290	277	266	260	255	245	236	226	218	210
LO PR	146	136	127	117	110	106	98	87	78	70	62	57	55	47	40	34	30	23

GVZC200481A* / CA*F4961*6D* + MBVC2000-1A*+TXV**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	58.3	54.6	50.9	47.3	45.0	43.3	39.0	45.5	42.4	39.1	36.0	34.0	32.7	29.4	26.0	22.7	19.4	15.9
T/R	36	34	32	30	29	28	25	29	27	25	23	22	21	19	17	15	12	10
kW	3.80	3.73	3.66	3.59	3.55	3.52	3.45	4.57	4.46	4.34	4.22	4.15	4.11	3.99	3.87	3.75	3.63	3.52
Amps	14.2	13.9	13.6	13.3	13.1	13.0	12.7	18.7	18.2	17.7	17.2	16.9	16.7	16.2	15.7	15.2	14.6	14.1
COP	4.49	4.29	4.08	3.86	3.72	3.61	3.32	2.91	2.79	2.64	2.50	2.40	2.34	2.16	1.97	1.77	1.56	1.32
HI PR	378	366	354	341	334	329	317	302	289	276	265	259	254	245	235	226	218	210
LO PR	139	131	122	113	108	105	96	85	77	69	60	56	54	46	39	33	29	23

GVZC200601A* / CA*F4961*6D* + MBVC2000-1A*+TXV**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	63.2	59.5	55.9	52.3	50.0	48.3	44.2	47.6	43.6	40.6	38.5	37.3	35.8	32.1	28.3	24.6	20.8	17.1
T/R	35	33	31	29	28	28	25	27	25	23	22	21	20	18	16	14	12	10
kW	4.29	4.20	4.12	4.03	3.98	3.95	3.86	4.96	4.83	4.69	4.56	4.48	4.42	4.29	4.15	4.02	3.89	3.75
Amps	16.1	15.7	15.3	14.9	14.7	14.6	14.2	19.0	18.4	17.8	17.2	16.9	16.6	16.0	15.5	14.9	14.3	13.7
COP	4.32	4.15	3.98	3.80	3.68	3.59	3.35	2.81	2.65	2.54	2.47	2.44	2.37	2.19	2.00	1.79	1.57	1.33
HI PR	381	369	356	344	337	332	319	331	318	305	291	283	278	264	251	238	224	211
LO PR	140	131	122	114	109	105	96	86	77	69	60	55	52	43	35	26	18	9

High pressure is measured at the suction service valve (the larger valve).

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

Low pressure is measured at the gauge port connection.

Calculations are based on 70 °F indoor dry bulb.

Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature.

GVZC200241A* / CA*F3642*6D* + MBVC1200-1A* + TXV**
Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F
at the Serv. Vlv. - 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	24,600	17,200	7,400	1,590
80°	24,300	17,100	7,200	1,645
85°	24,000	17,000	7,000	1,700
90°	23,700	17,200	6,500	1,750
95°	**23,400**	**17,300**	**6,100**	**1,800**
100°	22,800	17,100	5,700	1,840
105°	22,200	16,900	5,300	1,880
110°	21,400	16,400	5,000	1,915
115°	20,600	15,900	4,700	1,950
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**21,700**	**17,100**	**4,600**	**1,720**

GVZC200481A* / CA*F4961*6D* + MBVC2000-1A* + TXV**
Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F
at the Serv. Vlv. - 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	48,800	34,200	14,600	3,180
80°	48,300	34,300	14,000	3,285
85°	47,700	34,300	13,400	3,390
90°	47,100	34,400	12,700	3,485
95°	**46,500**	**34,400**	**12,100**	**3,580**
100°	45,400	34,200	11,200	3,655
105°	44,200	34,000	10,200	3,730
110°	42,600	33,000	9,600	3,800
115°	40,900	31,900	9,000	3,870
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**43,100**	**34,000**	**9,100**	**3,430**

GVZC200361A* / CA*F3743*6D* + MBVC1600-1A* + TXV**
Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F
at the Serv. Vlv. - 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	37,200	26,800	10,400	2,250
80°	36,800	26,900	9,900	2,325
85°	36,300	26,900	9,400	2,400
90°	35,900	26,900	9,000	2,465
95°	**35,400**	**26,900**	**8,500**	**2,530**
100°	34,500	26,700	7,800	2,585
105°	33,600	26,500	7,100	2,640
110°	32,400	25,600	6,800	2,690
115°	31,200	24,600	6,600	2,740
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**32,800**	**26,600**	**6,200**	**2,420**

GVZC200601A* / CA*F4961*6D* + MBVC2000-1A* + TXV**
Design Subcooling @ AHRI 95 °F Conditions, 9-11 °F
at the Serv. Vlv. - 100% Demand

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	56,300	39,400	16,900	3,580
80°	55,600	39,500	16,100	3,815
85°	54,900	39,500	15,400	4,050
90°	53,700	39,200	14,500	4,310
95°	**52,500**	**38,900**	**13,600**	**4,570**
100°	51,100	38,300	12,800	4,855
105°	49,600	37,700	11,900	5,140
110°	48,300	37,900	10,400	5,475
115°	46,900	38,000	8,900	5,810
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**50,600**	**38,000**	**12,600**	**4,570**

GVZC200241A* / CA*F3642*6D* + MBVC1200-1A* + TXV**
Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F @ the Serv. Vlv. - Boost Mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	27,200	19,700	7,400	1,800
80°	26,700	19,500	7,100	1,900
85°	26,100	19,300	6,900	1,900
90°	25,600	19,000	6,600	2,000
95°	**25,000**	**18,700**	**6,300**	**2,100**
100°	24,400	18,500	6,000	2,200
105°	23,900	18,200	5,700	2,300
110°	21,500	17,200	4,300	2,300
115°	21,700	16,500	5,200	2,100
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**23,400**	**18,100**	**5,300**	**2,100**

GVZC200481A* / CA*F4961*6D* + MBVC2000-1A* + TXV**
Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F @ the Serv. Vlv. - Boost Mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	54,600	38,900	15,700	3,400
80°	53,300	38,300	15,000	3,600
85°	51,900	37,600	14,300	3,800
90°	50,500	37,000	13,500	4,000
95°	**49,000**	**36,300**	**12,700**	**4,200**
100°	47,600	35,600	11,900	4,400
105°	46,100	34,900	11,100	4,600
110°	44,500	34,200	10,300	4,800
115°	41,400	32,700	8,700	4,300
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**46,000**	**35,200**	**10,800**	**4,100**

GVZC200361A* / CA*F3743*6D* + MBVC1600-1A* + TXV**
Design Subcooling @ AHRI 95 °F Conditions, 7-9 °F @ the Serv. Vlv. - Boost Mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	40,100	29,400	10,700	2,100
80°	39,400	29,100	10,300	2,300
85°	38,700	28,800	9,900	2,400
90°	37,900	28,400	9,500	2,500
95°	**37,000**	**28,000**	**9,000**	**2,700**
100°	36,000	27,500	8,500	2,800
105°	34,800	27,000	7,900	3,000
110°	33,700	26,400	7,300	3,100
115°	32,100	25,100	7,100	3,100
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**34,600**	**27,000**	**7,600**	**2,700**

GVZC200601A* / CA*F4961*6D* + MBVC2000-1A* + TXV**
Design Subcooling @ AHRI 95 °F Conditions, 9-11 °F @ the Serv. Vlv. - Boost Mode

Outdoor Temp °F	Total BTU/h	Sensible BTU/h	Latent BTU/h	Total Watts
75°	62,200	42,200	20,000	4,300
80°	61,500	42,400	19,100	4,600
85°	60,700	42,600	18,100	4,900
90°	59,400	42,200	17,200	5,200
95°	**58,000**	**41,800**	**16,200**	**5,500**
100°	56,100	40,900	15,200	5,800
105°	54,100	40,000	14,100	6,000
110°	52,300	39,200	13,100	6,300
115°	50,400	38,400	12,000	6,600
TVA Conditions @ 95° OD DB, 75° ID, 63° ID WB				
95°	**55,900**	**40,800**	**15,100**	**5,500**

COOLING MODE

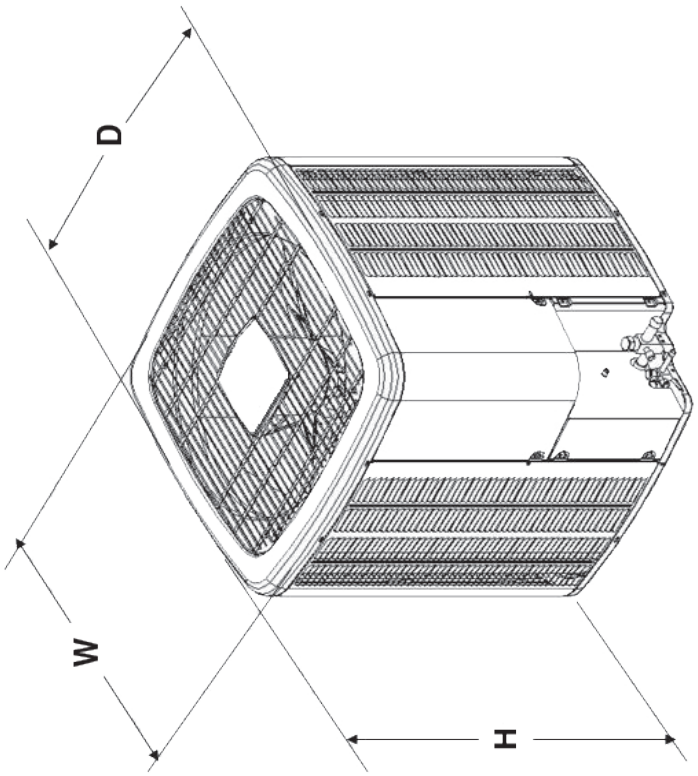
Tonnage	Speed	Total Unit Sound Rating (dBA)	Octave Band Spectrum Frequency (Hz) Analysis (dB)						
			125	250	500	1000	2000	4000	8000
2-ton	Minimum	58.4	37.1	49.9	52.6	54.4	49.4	42.6	34.7
	Intermediate	60.9	38.6	50.9	56.7	56.2	51.2	45.1	36.6
	Maximum	67.7	45.6	53.6	62.5	62.2	62.0	57.5	50.9
3-ton	Minimum	56.0	45.9	47.2	51.0	50.5	47.9	37.1	31.3
	Intermediate	63.5	43.7	49.5	56.9	59.4	58.1	51.8	45.6
	Maximum	74.2	57.5	61.4	68.2	69.4	68.4	63.4	52.3
4-ton	Minimum	56.0	45.9	47.2	51.0	50.5	47.9	37.1	31.3
	Intermediate	63.5	43.7	49.5	56.9	59.4	58.1	51.8	45.6
	Maximum	74.2	57.5	61.4	68.2	69.4	68.4	63.4	52.3
5-ton	Minimum	59.7	47.0	54.2	53.3	54.3	49.7	45.4	42.8
	Intermediate	65.7	44.4	51.9	63.1	59.2	56.5	52.5	46.1
	Maximum	74.9	55.2	61.2	69.8	69.2	68.6	65.7	56.9

HEATING MODE

Tonnage	Speed	Total Unit Sound Rating (dBA)	Octave Band Spectrum Frequency (Hz) Analysis (dB)						
			125	250	500	1000	2000	4000	8000
2-ton	Minimum	65.0	44.6	55.8	60.1	60.0	57.8	49.9	43.4
	Intermediate	65.3	44.3	54.3	60.8	60.5	58.3	50.3	41.1
	Maximum	76.3	54.1	67.2	73.7	68.5	66.5	62.2	51.2
3-ton	Minimum	69.4	49.7	63.3	62.5	63.0	62.9	53.2	47.5
	Intermediate	73.8	60.1	68.5	67.6	66.8	65.2	58.7	50.9
	Maximum	78.4	62.0	69.2	72.2	74.0	71.5	66.9	55.9
4-ton	Minimum	69.4	49.7	63.3	62.5	63.0	62.9	53.2	47.5
	Intermediate	73.8	60.1	68.5	67.6	66.8	65.2	58.7	50.9
	Maximum	78.4	62.0	69.2	72.2	74.0	71.5	66.9	55.9
5-ton	Minimum	65.0	48.3	55.2	59.9	60.0	58.0	49.3	47.1
	Intermediate	74.8	55.7	61.9	68.4	70.4	69.3	62.7	51.4
	Maximum	79.2	60.5	70.1	71.9	74.3	73.1	69.1	58.5

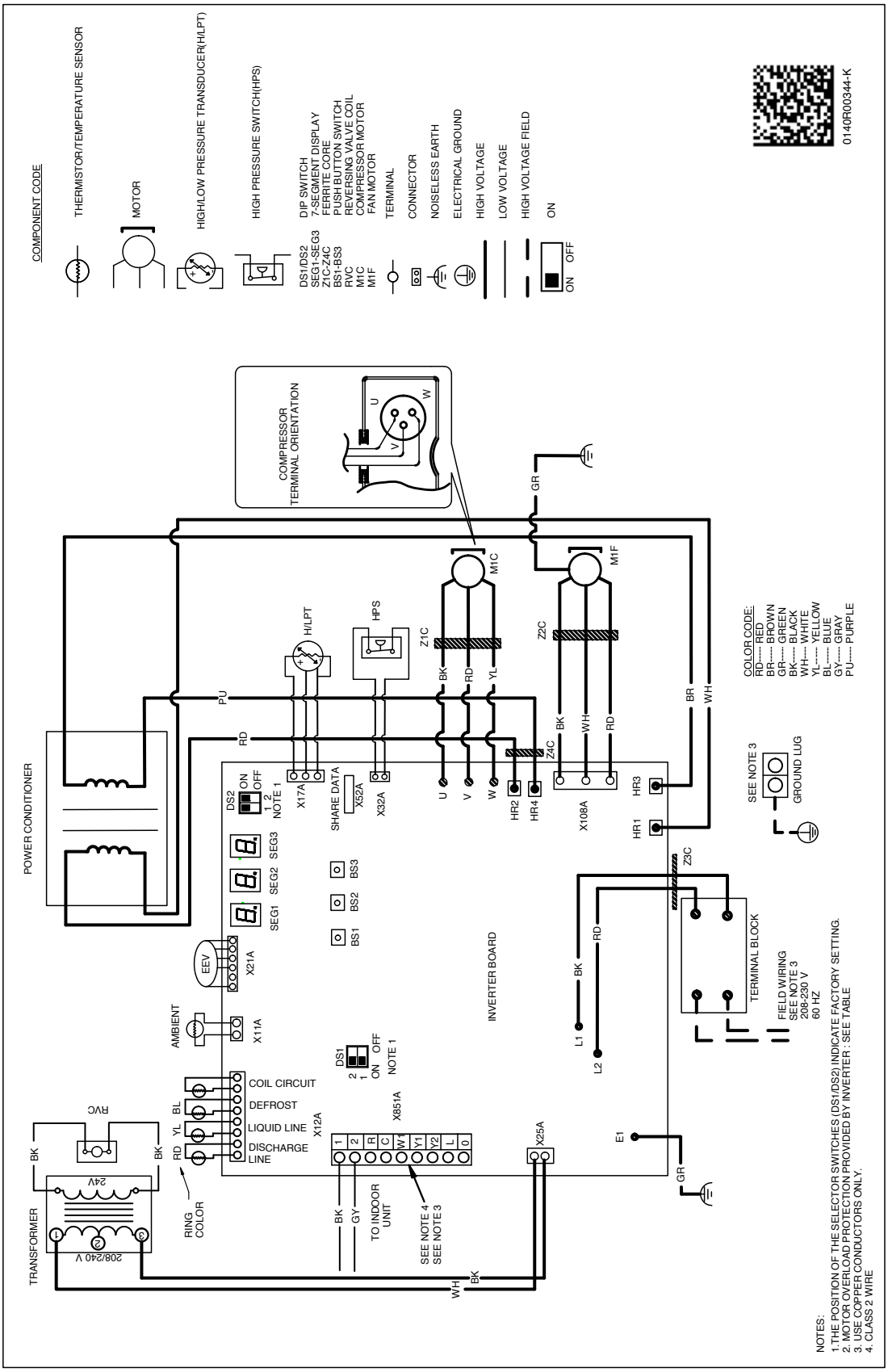
Note: Tested in accordance with AHRI Standard 270.

MODEL #	DIMENSIONS		
	W"	D"	H"
GVZC200241A*	35½	35½	38¼
GVZC200361A*	35½	35½	41¼
GVZC200481A*	35½	35½	41¼
GVZC200601A*	35½	35½	41¼



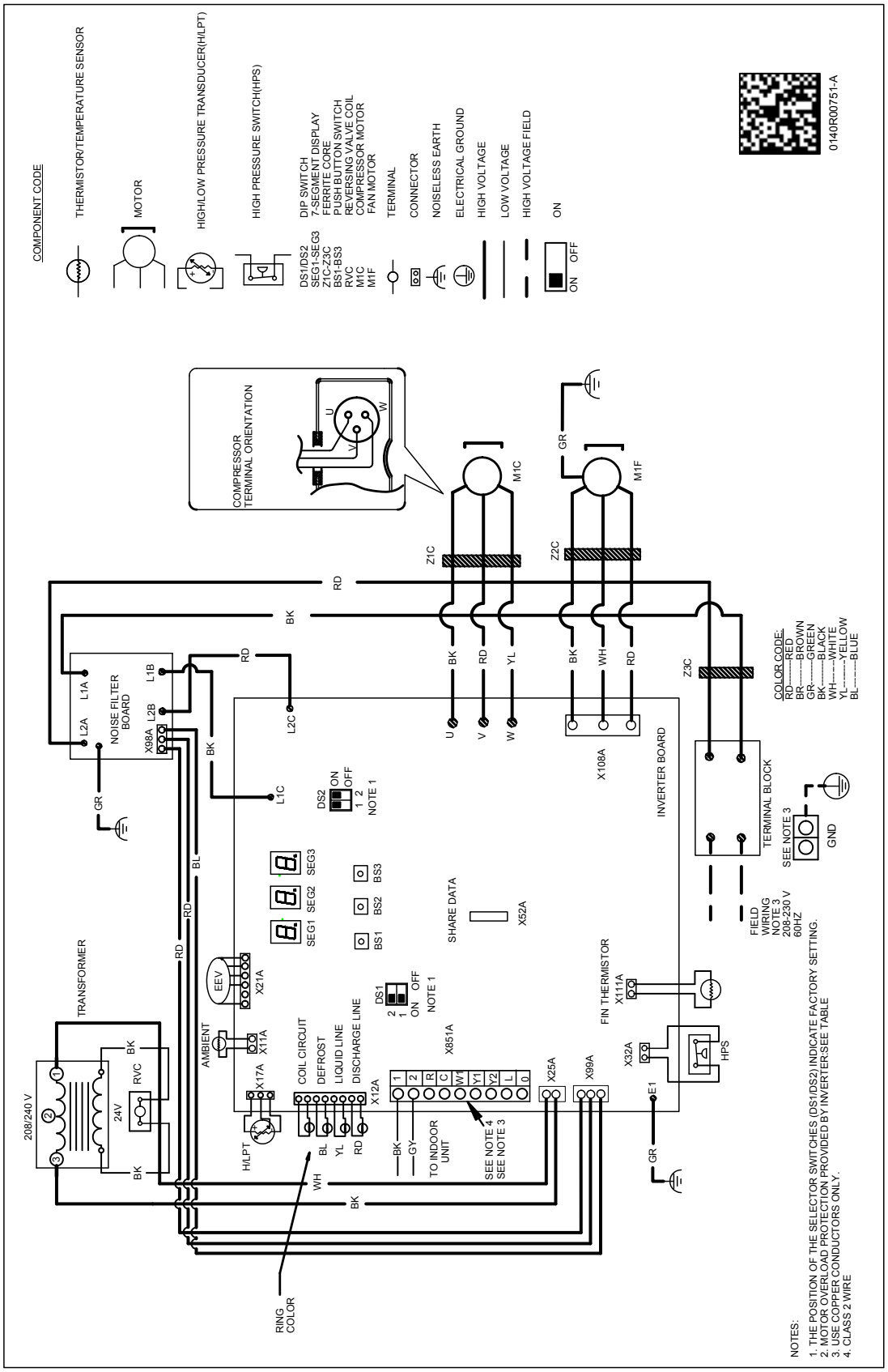
THE GOODMAN MANUFACTURING COMPANY, L.P.

GVZC20



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	GVZC20 0241A*	GVZC20 0361A*	GVZC20 0481A*	GVZC20 0601A*
ABK-20	Anchor Bracket Kit ◊	X	X	X	X
TXV-V24	TXV Kit	X			
TXV-V36	TXV Kit		X		
TXV-V48	TXV Kit			X	
TXV-V60	TXV Kit				X

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

All AHRI system ratings are accessible in the System Configurator tool via PartnerLink.