Goodman
Air Conditioning & Heating

GLZS4M

Energy-Efficient Multi-Family R-32 Split System Heat Pump 15.2 SEER2 & 7.8 HSPF2 1½ to 3 Tons

Contents

R32

Standard Features

- High-efficiency scroll compressor
- SmartShift® technology to ensure quiet reliable defrost
- Enhanced aluminum fin coil- 5 mm diameter on 1.5T-3.5 Ton
- Enhanced aluminum fin coil with 7mm diameter copper tubes in 4.0- to 5.0-ton
- 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
- Fully charged for 15’ of tubing length
- Contactor with lug connection
- Ground lug connection
- Capacitors with extended life
- AHRI Certified; ETL Listed

Cabinet Features

- Removable grille-style top design compliant with UL 60335-2-40
- 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
- When properly anchored, meets the 2023 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)

10 YEAR PARTS LIMITED WARRANTY*

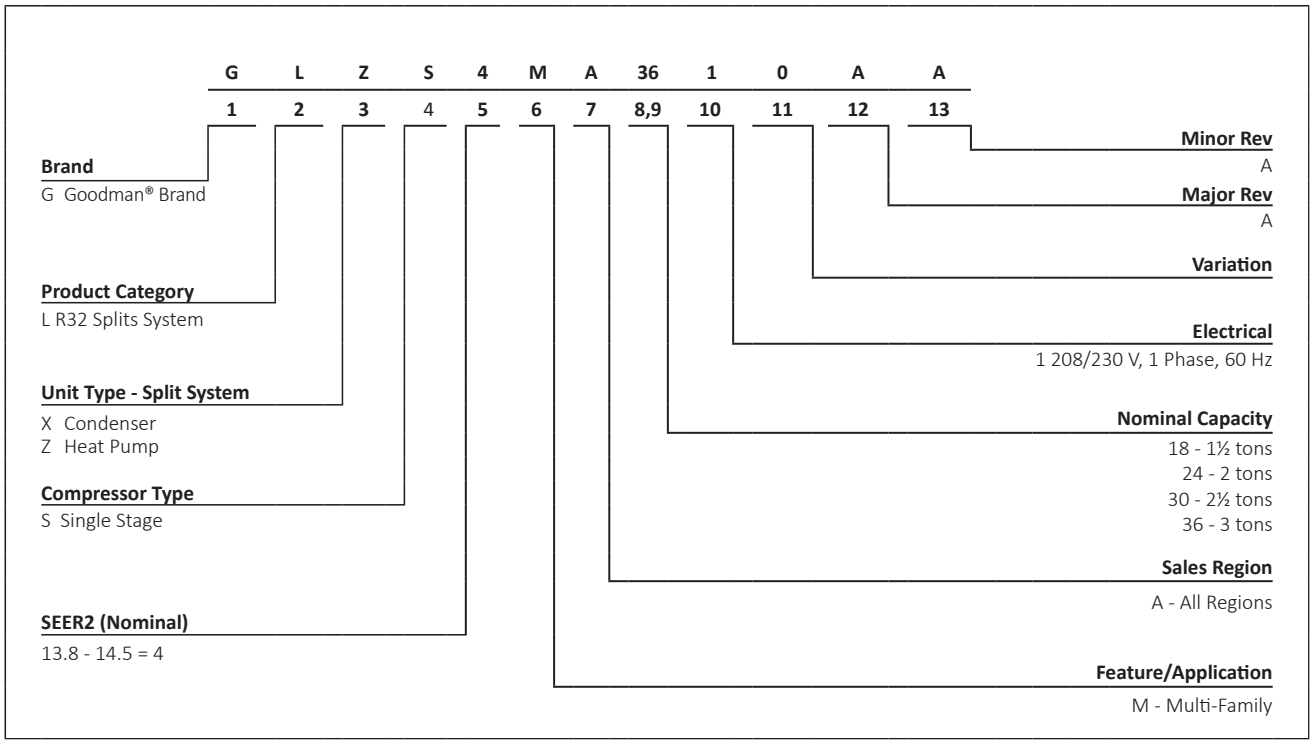
Intertek

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 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec. The duration of warranty coverages in Texas and Florida differs in some cases.


G L Z S 4 M A 36 1 0 A A
1 2 3 4 5 6 7 8,9 10 11 12 13
Brand
G Goodman® Brand
Product Category
L R32 Splits System
Unit Type - Split System
X Condenser
Z Heat Pump
Compressor Type
S Single Stage
SEER2 (Nominal)
13.8 - 14.5 = 4
Minor Rev
A
Major Rev
A
Variation
Electrical
1 208/230 V, 1 Phase, 60 Hz
Nominal Capacity
18 - 1½ tons
24 - 2 tons
30 - 2½ tons
36 - 3 tons
Sales Region
A - All Regions
Feature/Application
M - Multi-Family

	GLZS4M 1810*	GLZS4M 2410*	GLZS4M 3010*	GLZS4M 3610*
NOMINAL CAPACITIES				
Cooling (BTU/h)	18,000	24,000	30,000	36,000
Heating (BTU/h)	18,000	24,000	30,000	36,000
Decibels	69	69	71	74
COMPRESSOR				
RLA	8.3	10.2	12.8	16.4
LRA	44.3	59.3	76.0	88.0
Stage	Single	Single	Single	Single
Type	Scroll	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR				
Motor Type	PSC	PSC	PSC	PSC
Horsepower	1/6	1/6	1/6	1/6
FLA	0.95	0.95	0.95	0.97
REFRIGERATION SYSTEM				
Refrigerant Line Size [1]				
Liquid Line Size (“O.D.)	⅜"	⅜"	⅜"	⅜"
Suction Line Size (“O.D.)	¾"	¾"	¾"	⅞"
Refrigerant Connection Size				
Liquid Valve Size (“O.D.)	⅜"	⅜"	⅜"	⅜"
Suction Valve Size (“O.D.)	¾"	¾"	¾"	⅞"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge (oz.)	71	70	78	83
ELECTRICAL DATA				
Volts/Phase (60 Hz)	208/230	208/230	208/230	208/230
Minimum Circuit Ampacity [2]	11.4	13.8	17.0	21.5
Max. Overcurrent Protection [3]	15	20	25	35
Min / Max Volts	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"
UNIT WEIGHTS				
Equipment Weight (lbs.)	160	160	174	208
Ship Weight (lbs)	175	175	189	228

[1] Tested and rated in accordance with ARI Standard 210/240. Line size denoted for 25’ line sets, 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.
- Unit is charged with refrigerant for 15’ of ⅜” liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Any suction line adapter will need to be supplied by the field

			OUTDOOR AMBIENT TEMPERATURE																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	525	MBh	18.3	18.5	19.1	-	18.1	18.4	18.9	-	17.6	17.9	18.4	-	16.8	17.1	17.6	-	15.8	16.1	16.6	-	14.9	15.1	15.7	-
		S/T	0.60	0.52	0.38	-	0.61	0.53	0.39	-	1.00	0.55	0.42	-	1.00	0.57	0.44	-	1.00	0.60	0.46	-	1.00	1.00	0.51	-
		ΔT	19	18	14	-	19	17	14	-	19	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-
		kW	1.05	1.05	1.05	-	1.17	1.17	1.17	-	1.30	1.30	1.30	-	1.45	1.45	1.44	-	1.61	1.60	1.60	-	1.79	1.79	1.79	-
		Amps	4.0	4.0	4.0	-	4.6	4.6	4.6	-	5.2	5.2	5.2	-	5.8	5.8	5.8	-	6.6	6.6	6.6	-	7.4	7.4	7.4	-
	620	MBh	18.6	18.8	19.4	-	18.4	18.6	19.2	-	17.9	18.2	18.7	-	17.1	17.3	17.9	-	16.1	16.3	16.9	-	15.2	15.4	16.0	-
		S/T	0.68	0.60	0.46	-	0.69	0.61	0.47	-	1.00	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.68	0.54	-	1.00	1.00	0.59	-
		ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-
		kW	1.06	1.06	1.06	-	1.18	1.18	1.18	-	1.31	1.31	1.31	-	1.45	1.45	1.45	-	1.61	1.61	1.61	-	1.80	1.80	1.80	-
		Amps	4.1	4.1	4.1	-	4.6	4.6	4.6	-	5.2	5.2	5.2	-	5.9	5.9	5.9	-	6.6	6.6	6.6	-	7.5	7.5	7.5	-
	675	MBh	18.8	19.0	19.6	-	18.6	18.8	19.4	-	18.1	18.4	18.9	-	17.3	17.5	18.1	-	16.3	16.5	17.1	-	15.4	15.6	16.2	-
		S/T	0.71	0.63	0.49	-	0.71	0.64	0.50	-	1.00	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.57	-	1.00	1.00	0.62	-
		ΔT	17	16	12	-	17	15	12	-	17	16	12	-	17	15	12	-	17	15	12	-	18	16	13	-
		kW	1.06	1.06	1.06	-	1.18	1.18	1.18	-	1.31	1.31	1.31	-	1.46	1.46	1.45	-	1.62	1.62	1.61	-	1.80	1.80	1.80	-
		Amps	4.1	4.1	4.1	-	4.6	4.6	4.6	-	5.2	5.2	5.2	-	5.9	5.9	5.9	-	6.6	6.6	6.6	-	7.5	7.5	7.5	-
75	525	MBh	18.3	18.5	19.1	19.9	18.1	18.4	18.9	19.8	17.6	17.9	18.4	19.3	16.8	17.1	17.6	18.5	15.8	16.1	16.6	17.4	14.9	15.1	15.7	16.5
		S/T	0.73	0.65	0.52	0.37	1.00	0.66	0.52	0.38	1.00	0.69	0.55	0.40	1.00	0.71	0.57	0.42	1.00	1.00	0.59	0.44	1.00	1.00	0.64	0.50
		ΔT	23	21	18	15	23	21	18	15	23	22	18	15	23	21	18	15	23	21	18	14	24	22	19	15
		kW	1.05	1.05	1.05	1.1	1.17	1.17	1.17	1.2	1.30	1.30	1.30	1.3	1.45	1.44	1.44	1.5	1.60	1.60	1.60	1.6	1.79	1.79	1.79	1.8
		Amps	4.0	4.0	4.0	4.1	4.6	4.6	4.6	4.6	5.2	5.2	5.2	5.2	5.8	5.8	5.8	5.9	6.6	6.6	6.6	6.6	7.4	7.4	7.4	7.5
	620	MBh	18.6	18.8	19.4	20.2	18.4	18.7	19.2	20.0	17.9	18.2	18.7	19.6	17.1	**17.4**	17.9	18.7	16.1	16.4	16.9	17.7	15.2	15.4	16.0	16.8
		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
		ΔT	22	20	17	13	22	20	17	13	22	20	17	14	22	**20**	17	13	21	20	16	13	23	21	18	14
		kW	1.06	1.06	1.06	1.07	1.18	1.18	1.18	1.18	1.31	1.31	1.31	1.32	1.45	**1.45**	1.45	1.46	1.61	1.61	1.61	1.62	1.80	1.80	1.80	1.81
		Amps	4.1	4.1	4.1	4.1	4.6	4.6	4.6	4.6	5.2	5.2	5.2	5.3	5.9	**5.9**	5.9	5.9	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5
	675	MBh	18.8	19.0	19.6	20.4	18.6	18.9	19.4	20.2	18.1	18.4	18.9	19.8	17.3	17.6	18.1	18.9	16.3	16.6	17.1	17.9	15.4	15.6	16.2	17.0
		S/T	1.00	0.76	0.62	0.48	1.00	0.77	0.63	0.48	1.00	0.79	0.65	0.51	1.00	1.00	0.67	0.53	1.00	1.00	0.70	0.55	1.00	1.00	0.75	0.60
		ΔT	21	19	16	13	21	19	16	13	21	20	16	13	21	19	16	13	21	19	16	12	22	20	17	14
		kW	1.06	1.06	1.06	1.1	1.18	1.18	1.18	1.2	1.31	1.31	1.31	1.3	1.46	1.46	1.45	1.5	1.62	1.62	1.61	1.6	1.80	1.80	1.80	1.8
		Amps	4.1	4.1	4.1	4.1	4.6	4.6	4.6	4.7	5.2	5.2	5.2	5.3	5.9	5.9	5.9	5.9	6.6	6.6	6.6	6.7	7.5	7.5	7.5	7.5

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power
Amps = Outdoor unit amps (compressor + fan)

			OUTDOOR AMBIENT TEMPERATURE																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	525	MBh	18.4	18.6	19.2	20.0	18.2	18.5	19.0	19.8	17.7	18.0	18.5	19.4	16.9	17.2	17.7	18.5	15.9	16.2	16.7	17.5	15.0	15.2	15.8	16.6
		S/T	1.00	0.78	0.64	0.50	1.00	0.79	0.65	0.50	1.00	1.00	0.68	0.53	1.00	1.00	0.70	0.55	1.00	1.00	0.72	0.57	1.00	1.00	1.00	0.63
		ΔT	27	25	22	19	27	25	22	19	27	25	22	19	27	25	22	19	27	25	22	18	28	26	23	19
		kW	1.05	1.05	1.05	1.1	1.17	1.17	1.17	1.2	1.30	1.30	1.30	1.3	1.45	1.44	1.44	1.5	1.61	1.60	1.60	1.6	1.79	1.79	1.79	1.8
		Amps	4.0	4.0	4.0	4.1	4.6	4.6	4.6	4.6	5.2	5.2	5.2	5.2	5.8	5.8	5.8	5.9	6.6	6.6	6.6	6.6	7.4	7.4	7.4	7.5
	620	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	0.86	0.72	0.58	1.00	0.87	0.73	0.58	1.00	1.00	0.76	0.61	1.00	1.00	**0.78**	0.63	1.00	1.00	0.80	0.65	1.00	1.00	1.00	0.70
		ΔT	26	24	21	17	26	24	21	17	26	24	21	17	26	24	**21**	17	25	24	20	17	26	25	21	18
		kW	1.06	1.06	1.06	1.07	1.18	1.18	1.18	1.18	1.31	1.31	1.31	1.32	1.45	1.45	**1.45**	1.46	1.61	1.61	1.61	1.62	1.80	1.80	1.80	1.81
		Amps	4.1	4.1	4.1	4.1	4.6	4.6	4.6	4.7	5.2	5.2	5.2	5.3	5.9	5.9	**5.9**	5.9	6.6	6.6	6.6	6.6	7.5	7.5	7.5	7.5
	675	MBh	18.9	19.1	19.7	20.5	18.7	19.0	19.5	20.3	18.2	18.5	19.0	19.9	17.4	17.7	18.2	19.0	16.4	16.6	**17.2**	18.0	15.5	15.7	16.3	17.1
		S/T	1.00	0.89	0.75	0.60	1.00	0.90	0.76	0.61	1.00	1.00	0.78	0.64	1.00	1.00	0.80	0.66	1.00	1.00	0.82	0.68	1.00	1.00	1.00	0.73
		ΔT	25	23	20	17	25	23	20	17	25	23	20	17	25	23	20	17	25	23	20	16	26	24	21	17
		kW	1.06	1.06	1.06	1.1	1.18	1.18	1.18	1.2	1.31	1.31	1.31	1.3	1.46	1.46	1.45	1.5	1.62	1.62	1.61	1.6	1.80	1.80	1.80	1.8
		Amps	4.1	4.1	4.1	4.1	4.6	4.6	4.6	4.7	5.2	5.2	5.2	5.3	5.9	5.9	5.9	5.9	6.6	6.6	6.6	6.7	7.5	7.5	7.5	7.5
85	525	MBh	18.7	18.9	19.5	20.3	18.5	18.8	19.3	20.2	18.0	18.3	18.8	19.7	17.2	17.5	18.0	18.9	16.2	16.5	17.0	17.8	15.3	15.5	16.1	16.9
		S/T	1.00	0.89	0.75	0.60	1.00	1.00	0.75	0.61	1.00	1.00	0.78	0.63	1.00	1.00	0.80	0.65	1.00	1.00	1.00	0.68	1.00	1.00	1.00	0.73
		ΔT	30	29	25	22	30	29	25	22	31	29	26	22	30	29	25	22	30	28	25	22	31	29	26	23
		kW	1.05	1.05	1.05	1.1	1.17	1.17	1.17	1.2	1.31	1.30	1.30	1.3	1.45	1.45	1.45	1.5	1.61	1.61	1.60	1.6	1.80	1.79	1.79	1.8
		Amps	4.1	4.1	4.0	4.1	4.6	4.6	4.6	4.6	5.2	5.2	5.2	5.2	5.9	5.9	5.8	5.9	6.6	6.6	6.6	6.6	7.4	7.4	7.4	7.5
	620	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	1.00	0.83	0.68	1.00	1.00	0.83	0.69	1.00	1.00	0.86	0.71	1.00	**1.00**	1.00	0.73	1.00	1.00	1.00	0.76	1.00	1.00	1.00	0.81
		ΔT	29	27	24	21	29	27	24	21	29	28	24	21	29	**27**	24	21	29	27	24	20	30	28	25	21
		kW	1.06	1.06	1.06	1.07	1.18	1.18	1.18	1.19	1.31	1.31	1.31	1.32	1.46	**1.45**	1.45	1.46	1.62	1.61	1.61	1.62	1.80	1.80	1.80	1.81
		Amps	4.1	4.1	4.1	4.1	4.6	4.6	4.6	4.7	5.2	5.2	5.2	5.3	5.9	**5.9**	5.9	5.9	6.6	6.6	6.6	6.7	7.5	7.5	7.5	7.5
	675	MBh	19.2	19.4	20.0	20.8	19.0	19.3	19.8	20.6	18.5	18.8	19.3	20.2	17.7	18.0	18.5	19.3	16.7	17.0	17.5	18.3	15.8	16.0	16.6	17.4
		S/T	1.00	1.00	0.85	0.71	1.00	1.00	0.86	0.71	1.00	1.00	0.89	0.74	1.00	1.00	1.00	0.76	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.83
		ΔT	28	27	23	20	28	27	23	20	29	27	24	20	28	27	23	20	28	26	23	20	29	28	24	21
		kW	1.07	1.07	1.06	1.1	1.18	1.18	1.18	1.2	1.32	1.32	1.31	1.3	1.46	1.46	1.46	1.5	1.62	1.62	1.62	1.6	1.81	1.81	1.80	1.8
		Amps	4.1	4.1	4.1	4.1	4.7	4.6	4.6	4.7	5.3	5.3	5.2	5.3	5.9	5.9	5.9	5.9	6.6	6.6	6.6	6.7	7.5	7.5	7.5	7.5

IDB: Entering Indoor Dry Bulb Temperature

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

Shaded area reflects AHRI conditions.

kW = Total system power

Amps = Outdoor unit amps (compressor + fan)

			OUTDOOR AMBIENT TEMPERATURE																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	700	MBh	24.3	24.6	25.4	-	24.1	24.4	25.1	-	23.4	23.8	24.5	-	22.4	22.7	23.4	-	21.0	21.4	22.1	-	19.8	20.2	20.9	-
		S/T	0.62	0.54	0.41	-	0.62	0.55	0.41	-	0.65	0.57	0.44	-	1.00	0.59	0.46	-	1.00	0.61	0.48	-	1.00	0.66	0.53	-
		ΔT	19	18	14	-	19	18	14	-	20	18	14	-	19	17	14	-	19	17	14	-	20	18	15	-
		kW	1.37	1.37	1.37	-	1.54	1.54	1.53	-	1.72	1.72	1.72	-	1.92	1.92	1.91	-	2.14	2.14	2.13	-	2.40	2.40	2.39	-
		Amps	5.3	5.3	5.3	-	6.1	6.1	6.1	-	6.9	6.9	6.9	-	7.8	7.8	7.8	-	8.8	8.8	8.8	-	10.0	10.0	10.0	-
	770	MBh	24.5	24.9	25.6	-	24.3	24.7	25.4	-	23.7	24.0	24.7	-	22.6	22.9	23.7	-	21.3	21.6	22.3	-	20.1	20.4	21.1	-
		S/T	0.66	0.58	0.45	-	0.66	0.59	0.45	-	0.69	0.61	0.48	-	1.00	0.63	0.50	-	1.00	0.65	0.52	-	1.00	0.70	0.57	-
		ΔT	19	17	13	-	19	17	13	-	19	17	14	-	19	17	13	-	18	16	13	-	19	18	14	-
		kW	1.38	1.38	1.37	-	1.54	1.54	1.54	-	1.73	1.72	1.72	-	1.92	1.92	1.92	-	2.14	2.14	2.14	-	2.40	2.40	2.40	-
		Amps	5.4	5.4	5.3	-	6.1	6.1	6.1	-	6.9	6.9	6.9	-	7.8	7.8	7.8	-	8.9	8.9	8.8	-	10.0	10.0	10.0	-
	900	MBh	25.1	25.4	26.1	-	24.8	25.2	25.9	-	24.2	24.6	25.3	-	23.1	23.5	24.2	-	21.8	22.1	22.9	-	20.6	20.9	21.7	-
		S/T	0.69	0.62	0.49	-	0.70	0.63	0.49	-	1.00	0.65	0.52	-	1.00	0.67	0.54	-	1.00	0.69	0.56	-	1.00	1.00	0.61	-
		ΔT	17	16	12	-	17	16	12	-	18	16	12	-	17	15	12	-	17	15	12	-	18	16	13	-
		kW	1.39	1.39	1.38	-	1.55	1.55	1.55	-	1.73	1.73	1.73	-	1.93	1.93	1.93	-	2.15	2.15	2.15	-	2.41	2.41	2.41	-
		Amps	5.4	5.4	5.4	-	6.2	6.1	6.1	-	7.0	7.0	7.0	-	7.9	7.9	7.9	-	8.9	8.9	8.9	-	10.1	10.1	10.1	-
75	700	MBh	24.3	24.7	25.4	26.5	24.1	24.4	25.2	26.3	23.5	23.8	24.5	25.6	22.4	22.7	23.4	24.5	21.0	21.4	22.1	23.2	19.8	20.2	20.9	22.0
		S/T	0.74	0.67	0.53	0.39	1.00	0.67	0.54	0.40	1.00	0.70	0.56	0.42	1.00	0.72	0.58	0.44	1.00	0.74	0.61	0.46	1.00	1.00	0.66	0.52
		ΔT	23	22	18	15	23	22	18	15	24	22	18	15	23	21	18	15	23	21	18	14	24	22	19	15
		kW	1.37	1.37	1.37	1.4	1.54	1.53	1.53	1.5	1.72	1.72	1.71	1.7	1.92	1.91	1.91	1.9	2.14	2.14	2.13	2.1	2.40	2.39	2.39	2.4
		Amps	5.3	5.3	5.3	5.4	6.1	6.1	6.1	6.1	6.9	6.9	6.9	7.0	7.8	7.8	7.8	7.9	8.8	8.8	8.8	8.9	10.0	10.0	10.0	10.1
	770	MBh	24.5	24.9	25.6	26.7	24.3	24.7	25.4	26.5	23.7	24.0	24.8	25.9	22.6	**23.0**	23.7	24.8	21.3	21.6	22.3	23.4	20.1	20.4	21.1	22.2
		S/T	0.78	0.71	0.57	0.43	1.00	0.71	0.58	0.44	1.00	0.74	0.60	0.46	1.00	**0.76**	0.62	0.48	1.00	1.00	0.65	0.50	1.00	1.00	0.70	0.56
		ΔT	23	21	17	14	23	21	17	14	23	21	18	14	23	**21**	17	14	22	20	17	14	23	22	18	15
		kW	1.38	1.38	1.37	1.39	1.54	1.54	1.54	1.55	1.72	1.72	1.72	1.73	1.92	**1.92**	1.92	1.93	2.14	2.14	2.14	2.15	2.40	2.40	2.40	2.41
		Amps	5.4	5.3	5.3	5.4	6.1	6.1	6.1	6.1	6.9	6.9	6.9	7.0	7.8	**7.8**	7.8	7.9	8.9	8.9	8.8	8.9	10.0	10.0	10.0	10.1
	900	MBh	25.1	25.4	26.1	27.2	24.9	25.2	25.9	27.0	24.2	24.6	25.3	26.4	23.1	23.5	24.2	25.3	21.8	22.2	22.9	24.0	20.6	20.9	21.7	22.8
		S/T	0.82	0.75	0.61	0.47	1.00	0.75	0.62	0.48	1.00	0.78	0.64	0.50	1.00	0.80	0.66	0.52	1.00	1.00	0.69	0.54	1.00	1.00	0.74	0.60
		ΔT	21	20	16	13	21	20	16	13	22	20	16	13	21	19	16	13	21	19	16	12	22	20	17	13
		kW	1.39	1.39	1.38	1.4	1.55	1.55	1.55	1.6	1.73	1.73	1.73	1.7	1.93	1.93	1.93	1.9	2.15	2.15	2.15	2.2	2.41	2.41	2.41	2.4
		Amps	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.2	7.0	7.0	7.0	7.0	7.9	7.9	7.9	7.9	8.9	8.9	8.9	8.9	10.1	10.1	10.1	10.1

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power
Amps = Outdoor unit amps (compressor + fan)

			OUTDOOR AMBIENT TEMPERATURE																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	700	MBh	29.1	29.5	30.4	31.7	28.9	29.3	30.2	31.5	28.1	28.5	29.4	30.7	26.8	27.2	28.1	29.4	25.2	25.6	26.5	27.8	20.0	20.3	21.0	22.1
		S/T	1.00	0.80	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.83	0.69	0.53	1.00	1.00	0.71	0.55	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.64
		ΔT	27	25	22	19	27	25	22	19	27	26	22	19	27	25	22	19	27	25	22	18	28	26	23	20
		kW	1.65	1.65	1.65	1.7	1.85	1.84	1.84	1.9	2.06	2.06	2.06	2.1	2.30	2.29	2.29	2.3	2.56	2.56	2.55	2.6	2.40	2.40	2.39	2.4
		Amps	6.1	6.1	6.1	6.2	7.0	7.0	7.0	7.0	8.0	8.0	8.0	8.0	9.1	9.1	9.0	9.1	10.3	10.2	10.2	10.3	10.0	10.0	10.0	10.1
	770	MBh	29.6	30.1	30.9	32.3	29.4	29.8	30.7	32.0	28.6	29.0	29.9	31.2	27.3	27.7	**28.6**	29.9	25.7	26.1	**27.0**	28.3	20.2	20.5	21.3	22.4
		S/T	1.00	0.89	0.75	0.60	1.00	0.90	0.76	0.61	1.00	0.93	0.78	0.63	1.00	1.00	**0.80**	0.65	1.00	1.00	**0.83**	0.68	1.00	1.00	0.82	0.68
		ΔT	26	24	21	17	26	24	21	17	26	24	21	17	26	24	**21**	17	25	24	**20**	17	27	26	22	19
		kW	1.67	1.67	1.66	1.68	1.86	1.86	1.86	1.87	2.08	2.08	2.07	2.09	2.31	2.31	**2.31**	2.32	2.57	2.57	**2.57**	2.58	2.40	2.40	2.40	2.41
		Amps	6.2	6.2	6.2	6.2	7.1	7.1	7.0	7.1	8.1	8.1	8.0	8.1	9.1	9.1	**9.1**	9.2	10.3	10.3	**10.3**	10.4	10.0	10.0	10.0	10.1
	900	MBh	29.9	30.3	31.1	32.5	29.6	30.0	30.9	32.2	28.8	29.3	30.1	31.4	27.5	27.9	28.8	30.1	25.9	26.3	27.2	28.5	20.7	21.1	21.8	22.9
		S/T	1.00	0.91	0.77	0.62	1.00	0.92	0.78	0.63	1.00	0.95	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.85	0.70	1.00	1.00	1.00	0.72
		ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	16	26	24	21	17
		kW	1.67	1.67	1.67	1.7	1.86	1.86	1.86	1.9	2.08	2.08	2.08	2.1	2.31	2.31	2.31	2.3	2.58	2.57	2.57	2.6	2.41	2.41	2.41	2.4
		Amps	6.2	6.2	6.2	6.3	7.1	7.1	7.1	7.1	8.1	8.1	8.1	8.1	9.1	9.1	9.1	9.2	10.3	10.3	10.3	10.4	10.1	10.1	10.1	10.1
85	700	MBh	24.8	25.2	25.9	27.0	24.6	25.0	25.7	26.8	24.0	24.3	25.1	26.2	22.9	23.2	24.0	25.1	21.6	21.9	22.6	23.7	20.4	20.7	21.4	22.5
		S/T	1.00	0.89	0.76	0.62	1.00	1.00	0.76	0.62	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	1.00	0.69	1.00	1.00	1.00	0.74
		ΔT	31	29	26	22	31	29	26	22	31	29	26	22	31	29	26	22	31	29	25	22	32	30	27	23
		kW	1.38	1.37	1.37	1.4	1.54	1.54	1.54	1.5	1.72	1.72	1.72	1.7	1.92	1.92	1.92	1.9	2.14	2.14	2.14	2.1	2.40	2.40	2.40	2.4
		Amps	5.3	5.3	5.3	5.4	6.1	6.1	6.1	6.1	6.9	6.9	6.9	7.0	7.8	7.8	7.8	7.9	8.8	8.8	8.8	8.9	10.0	10.0	10.0	10.1
	770	MBh	25.1	25.4	26.1	27.2	24.9	25.2	25.9	27.0	24.2	24.6	25.3	26.4	23.1	**23.5**	24.2	25.3	21.8	22.2	22.9	24.0	20.6	20.9	21.7	22.8
		S/T	1.00	0.93	0.80	0.66	1.00	1.00	0.80	0.66	1.00	1.00	0.83	0.69	1.00	**1.00**	0.85	0.71	1.00	1.00	1.00	0.73	1.00	1.00	1.00	0.78
		ΔT	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	1.38	1.38	1.38	1.39	1.55	1.54	1.54	1.55	1.73	1.73	1.72	1.74	1.93	**1.92**	1.92	1.93	2.15	2.15	2.14	2.16	2.41	2.40	2.40	2.41
		Amps	5.4	5.4	5.4	5.4	6.1	6.1	6.1	6.2	7.0	7.0	6.9	7.0	7.9	**7.9**	7.8	7.9	8.9	8.9	8.9	8.9	10.1	10.1	10.0	10.1
	900	MBh	25.6	26.0	26.7	27.8	25.4	25.7	26.5	27.6	24.8	25.1	25.8	26.9	23.7	24.0	24.7	25.8	22.3	22.7	23.4	24.5	21.1	21.5	22.2	23.3
		S/T	1.00	0.97	0.84	0.70	1.00	1.00	0.84	0.70	1.00	1.00	0.87	0.73	1.00	1.00	0.89	0.75	1.00	1.00	1.00	0.77	1.00	1.00	1.00	0.82
		ΔT	29	27	24	20	29	27	24	20	29	27	24	20	29	27	24	20	29	27	23	20	30	28	25	21
		kW	1.39	1.39	1.39	1.4	1.55	1.55	1.55	1.6	1.74	1.74	1.73	1.7	1.94	1.93	1.93	1.9	2.16	2.16	2.15	2.2	2.42	2.41	2.41	2.4
		Amps	5.4	5.4	5.4	5.5	6.2	6.2	6.1	6.2	7.0	7.0	7.0	7.0	7.9	7.9	7.9	7.9	8.9	8.9	8.9	9.0	10.1	10.1	10.1	10.1

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 (compressor + fan)

			OUTDOOR AMBIENT TEMPERATURE																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	875	MBh	29.0	29.4	30.2	-	28.7	29.1	30.0	-	27.9	28.4	29.2	-	26.6	27.0	27.9	-	25.0	25.4	26.3	-	23.6	24.0	24.9	-
		S/T	0.61	0.53	0.38	-	0.61	0.53	0.39	-	0.64	0.56	0.42	-	1.00	0.58	0.44	-	1.00	0.60	0.46	-	1.00	0.66	0.51	-
		ΔT	19	18	14	-	19	18	14	-	20	18	15	-	19	18	14	-	19	17	14	-	20	19	15	-
		kW	1.65	1.65	1.65	-	1.85	1.84	1.84	-	2.06	2.06	2.06	-	2.30	2.29	2.29	-	2.56	2.56	2.55	-	2.86	2.86	2.86	-
		Amps	6.1	6.1	6.1	-	7.0	7.0	7.0	-	8.0	8.0	8.0	-	9.1	9.1	9.0	-	10.3	10.3	10.2	-	11.7	11.7	11.6	-
	1060	MBh	29.5	29.9	30.8	-	29.2	29.6	30.5	-	28.5	28.9	29.7	-	27.2	27.6	28.4	-	25.6	26.0	26.8	-	24.1	24.5	25.4	-
		S/T	0.70	0.62	0.48	-	0.71	0.63	0.49	-	0.74	0.66	0.51	-	1.00	0.68	0.53	-	1.00	0.70	0.56	-	1.00	0.76	0.61	-
		ΔT	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	18	16	13	-	19	17	14	-
		kW	1.67	1.67	1.66	-	1.86	1.86	1.86	-	2.08	2.08	2.07	-	2.31	2.31	2.31	-	2.57	2.57	2.57	-	2.88	2.88	2.87	-
		Amps	6.2	6.2	6.2	-	7.1	7.1	7.0	-	8.1	8.1	8.0	-	9.1	9.1	9.1	-	10.3	10.3	10.3	-	11.7	11.7	11.7	-
	1125	MBh	29.7	30.1	31.0	-	29.4	29.8	30.7	-	28.7	29.1	30.0	-	27.4	27.8	28.6	-	25.8	26.2	27.0	-	24.3	24.7	25.6	-
		S/T	0.73	0.64	0.50	-	0.73	0.65	0.51	-	0.76	0.68	0.53	-	1.00	0.70	0.55	-	1.00	0.72	0.58	-	1.00	0.78	0.63	-
		ΔT	17	16	12	-	17	16	12	-	18	16	13	-	17	16	12	-	17	15	12	-	18	17	13	-
		kW	1.67	1.67	1.67	-	1.87	1.86	1.86	-	2.08	2.08	2.08	-	2.31	2.31	2.31	-	2.58	2.57	2.57	-	2.88	2.88	2.88	-
		Amps	6.2	6.2	6.2	-	7.1	7.1	7.1	-	8.1	8.1	8.1	-	9.1	9.1	9.1	-	10.3	10.3	10.3	-	11.7	11.7	11.7	-
75	875	MBh	29.0	29.4	30.3	31.6	28.7	29.1	30.0	31.3	28.0	28.4	29.2	30.6	26.7	27.1	27.9	29.3	25.1	25.5	26.3	27.7	23.6	24.0	24.9	26.2
		S/T	0.74	0.66	0.52	0.37	0.75	0.67	0.53	0.37	1.00	0.70	0.55	0.40	1.00	0.72	0.57	0.42	1.00	0.74	0.60	0.45	1.00	1.00	0.65	0.50
		ΔT	23	22	18	15	23	22	18	15	24	22	18	15	23	21	18	15	23	21	18	15	24	22	19	16
		kW	1.65	1.65	1.65	1.7	1.84	1.84	1.84	1.9	2.06	2.06	2.06	2.1	2.29	2.29	2.29	2.3	2.56	2.55	2.55	2.6	2.86	2.86	2.86	2.9
		Amps	6.1	6.1	6.1	6.2	7.0	7.0	7.0	7.0	8.0	8.0	8.0	8.0	9.1	9.0	9.0	9.1	10.3	10.2	10.2	10.3	11.7	11.6	11.6	11.7
	1060	MBh	29.5	29.9	30.8	32.1	29.2	29.6	30.5	31.8	28.5	28.9	29.8	31.1	27.2	**27.6**	28.4	29.8	25.6	26.0	26.9	28.2	24.1	24.5	25.4	26.7
		S/T	0.84	0.76	0.62	0.47	1.00	0.77	0.62	0.47	1.00	0.79	0.65	0.50	1.00	**0.81**	0.67	0.52	1.00	0.84	0.69	0.54	1.00	1.00	0.75	0.60
		ΔT	22	20	17	13	22	20	17	13	22	20	17	14	22	**20**	17	13	21	20	16	13	23	21	18	14
		kW	1.67	1.66	1.66	1.68	1.86	1.86	1.85	1.87	2.08	2.07	2.07	2.09	2.31	**2.31**	2.30	2.32	2.57	2.57	2.57	2.58	2.88	2.88	2.87	2.89
		Amps	6.2	6.2	6.2	6.2	7.1	7.1	7.0	7.1	8.1	8.0	8.0	8.1	9.1	**9.1**	9.1	9.2	10.3	10.3	10.3	10.4	11.7	11.7	11.7	11.8
	1125	MBh	29.7	30.1	31.0	32.3	29.5	29.9	30.7	32.1	28.7	29.1	30.0	31.3	27.4	27.8	28.7	30.0	25.8	26.2	27.1	28.4	24.3	24.7	25.6	26.9
		S/T	0.86	0.78	0.64	0.49	1.00	0.79	0.64	0.49	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	0.77	0.62
		ΔT	21	20	16	13	21	20	16	13	22	20	16	13	21	19	16	13	21	19	16	13	22	20	17	14
		kW	1.67	1.67	1.67	1.7	1.86	1.86	1.86	1.9	2.08	2.08	2.08	2.1	2.31	2.31	2.31	2.3	2.57	2.57	2.57	2.6	2.88	2.88	2.88	2.9
		Amps	6.2	6.2	6.2	6.2	7.1	7.1	7.1	7.1	8.1	8.1	8.1	8.1	9.1	9.1	9.1	9.2	10.3	10.3	10.3	10.4	11.7	11.7	11.7	11.8

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power
Amps = Outdoor unit amps (compressor + fan)

			OUTDOOR AMBIENT TEMPERATURE																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	875	MBh	29.1	29.5	30.4	31.7	28.9	29.3	30.2	31.5	28.1	28.5	29.4	30.7	26.8	27.2	28.1	29.4	25.2	25.6	26.5	27.8	23.7	24.2	25.0	26.4
		S/T	1.00	0.80	0.65	0.50	1.00	0.80	0.66	0.51	1.00	0.83	0.69	0.53	1.00	1.00	0.71	0.55	1.00	1.00	0.73	0.58	1.00	1.00	0.78	0.63
		ΔT	27	25	22	19	27	25	22	19	27	26	22	19	27	25	22	19	27	25	22	18	28	26	23	20
		kW	1.65	1.65	1.65	1.7	1.85	1.84	1.84	1.9	2.06	2.06	2.06	2.1	2.30	2.29	2.29	2.3	2.56	2.56	2.55	2.6	2.86	2.86	2.86	2.9
		Amps	6.1	6.1	6.1	6.2	7.0	7.0	7.0	7.0	8.0	8.0	8.0	8.0	9.1	9.1	9.0	9.1	10.3	10.2	10.2	10.3	11.7	11.7	11.6	11.7
	1060	MBh	29.6	30.1	30.9	32.3	29.4	29.8	30.7	32.0	28.6	29.0	29.9	31.2	27.3	27.7	**28.6**	29.9	25.7	26.1	27.0	28.3	24.3	24.7	25.5	26.9
		S/T	1.00	0.89	0.75	0.60	1.00	0.90	0.76	0.61	1.00	0.93	0.78	0.63	1.00	1.00	**0.80**	0.65	1.00	1.00	0.83	0.68	1.00	1.00	0.88	0.73
		ΔT	26	24	21	17	26	24	21	17	26	24	21	17	26	24	**21**	17	25	24	20	17	26	25	21	18
		kW	1.67	1.67	1.66	1.68	1.86	1.86	1.86	1.87	2.08	2.08	2.07	2.09	2.31	2.31	**2.31**	2.32	2.57	2.57	2.57	2.58	2.88	2.88	2.87	2.89
		Amps	6.2	6.2	6.2	6.2	7.1	7.1	7.0	7.1	8.1	8.1	8.0	8.1	9.1	9.1	**9.1**	9.2	10.3	10.3	10.3	10.4	11.7	11.7	11.7	11.8
	1125	MBh	29.9	30.3	31.1	32.5	29.6	30.0	30.9	32.2	28.8	29.3	30.1	31.4	27.5	27.9	28.8	30.1	25.9	26.3	27.2	28.5	24.5	24.9	25.8	27.1
		S/T	1.00	0.91	0.77	0.62	1.00	0.92	0.78	0.63	1.00	0.95	0.80	0.65	1.00	1.00	0.82	0.67	1.00	1.00	0.85	0.70	1.00	1.00	0.90	0.75
		ΔT	25	23	20	17	25	23	20	17	25	24	20	17	25	23	20	17	25	23	20	16	26	24	21	18
		kW	1.67	1.67	1.67	1.7	1.86	1.86	1.86	1.9	2.08	2.08	2.08	2.1	2.31	2.31	2.31	2.3	2.58	2.57	2.57	2.6	2.88	2.88	2.88	2.9
		Amps	6.2	6.2	6.2	6.3	7.1	7.1	7.1	7.1	8.1	8.1	8.1	8.1	9.1	9.1	9.1	9.2	10.3	10.3	10.3	10.4	11.7	11.7	11.7	11.8
85	875	MBh	29.6	30.0	30.9	32.2	29.4	29.8	30.6	32.0	28.6	29.0	29.9	31.2	27.3	27.7	28.6	29.9	25.7	26.1	27.0	28.3	24.2	24.6	25.5	26.8
		S/T	1.00	0.90	0.76	0.61	1.00	1.00	0.77	0.61	1.00	1.00	0.79	0.64	1.00	1.00	0.81	0.66	1.00	1.00	0.84	0.68	1.00	1.00	1.00	0.74
		ΔT	31	29	26	22	31	29	26	22	31	29	26	22	31	29	26	22	30	29	25	22	31	30	26	23
		kW	1.66	1.65	1.65	1.7	1.85	1.85	1.84	1.9	2.07	2.06	2.06	2.1	2.30	2.30	2.29	2.3	2.56	2.56	2.56	2.6	2.87	2.87	2.86	2.9
		Amps	6.1	6.1	6.1	6.2	7.0	7.0	7.0	7.1	8.0	8.0	8.0	8.1	9.1	9.1	9.1	9.1	10.3	10.3	10.3	10.3	11.7	11.7	11.7	11.7
	1060	MBh	30.1	30.5	31.4	32.7	29.9	30.3	31.2	32.5	29.1	29.5	30.4	31.7	27.8	**28.2**	29.1	30.4	26.2	26.6	27.5	28.8	24.8	25.2	26.0	27.4
		S/T	1.00	1.00	0.86	0.71	1.00	1.00	0.86	0.71	1.00	1.00	0.89	0.74	1.00	**1.00**	0.91	0.76	1.00	1.00	1.00	0.78	1.00	1.00	1.00	0.84
		ΔT	29	27	24	21	29	27	24	21	29	28	24	21	29	**27**	24	21	29	27	24	20	30	28	25	21
		kW	1.67	1.67	1.67	1.68	1.86	1.86	1.86	1.87	2.08	2.08	2.08	2.09	2.31	**2.31**	2.31	2.32	2.58	2.57	2.57	2.59	2.88	2.88	2.88	2.89
		Amps	6.2	6.2	6.2	6.2	7.1	7.1	7.1	7.1	8.1	8.1	8.1	8.1	9.1	**9.1**	9.1	9.2	10.3	10.3	10.3	10.4	11.7	11.7	11.7	11.8
	1125	MBh	30.4	30.8	31.6	33.0	30.1	30.5	31.4	32.7	29.3	29.7	30.6	31.9	28.0	28.4	29.3	30.6	26.4	26.8	27.7	29.0	25.0	25.4	26.2	27.6
		S/T	1.00	1.00	0.88	0.73	1.00	1.00	0.88	0.73	1.00	1.00	0.91	0.76	1.00	1.00	0.93	0.78	1.00	1.00	1.00	0.80	1.00	1.00	1.00	0.86
		ΔT	29	27	24	20	29	27	24	20	29	27	24	20	29	27	24	20	28	27	23	20	29	28	24	21
		kW	1.68	1.67	1.67	1.7	1.87	1.87	1.86	1.9	2.08	2.08	2.08	2.1	2.32	2.32	2.31	2.3	2.58	2.58	2.57	2.6	2.89	2.88	2.88	2.9
		Amps	6.2	6.2	6.2	6.3	7.1	7.1	7.1	7.2	8.1	8.1	8.1	8.1	9.2	9.2	9.1	9.2	10.4	10.4	10.3	10.4	11.8	11.8	11.7	11.8

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects AHRI conditions.

kW = Total system power
Amps = Outdoor unit amps (compressor + fan)

			OUTDOOR AMBIENT TEMPERATURE																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	35.7	36.2	37.2	-	35.3	35.8	36.9	-	34.4	34.9	36.0	-	32.8	33.3	34.4	-	30.9	31.4	32.4	-	29.1	29.6	30.6	-
		S/T	0.62	0.54	0.40	-	0.62	0.55	0.41	-	0.65	0.57	0.44	-	0.67	0.59	0.45	-	1.00	0.61	0.48	-	1.00	0.66	0.53	-
		ΔT	19	18	14	-	19	18	14	-	20	18	14	-	19	18	14	-	19	17	14	-	20	18	15	-
		kW	2.02	2.02	2.02	-	2.26	2.26	2.26	-	2.53	2.53	2.52	-	2.82	2.82	2.81	-	3.14	3.14	3.13	-	3.52	3.52	3.51	-
		Amps	7.6	7.6	7.5	-	8.7	8.6	8.6	-	9.9	9.9	9.9	-	11.2	11.2	11.2	-	12.7	12.7	12.6	-	14.4	14.4	14.4	-
	1180	MBh	36.1	36.6	37.6	-	35.8	36.3	37.3	-	34.8	35.3	36.4	-	33.2	33.7	34.8	-	31.3	31.8	32.8	-	29.5	30.0	31.1	-
		S/T	0.67	0.59	0.46	-	0.67	0.60	0.46	-	0.70	0.62	0.49	-	0.72	0.64	0.51	-	1.00	0.66	0.53	-	1.00	0.72	0.58	-
		ΔT	18	17	13	-	18	17	13	-	19	17	13	-	18	17	13	-	18	16	13	-	19	17	14	-
		kW	2.03	2.03	2.03	-	2.27	2.27	2.27	-	2.54	2.54	2.53	-	2.83	2.83	2.82	-	3.15	3.15	3.14	-	3.53	3.53	3.52	-
		Amps	7.6	7.6	7.6	-	8.7	8.7	8.7	-	9.9	9.9	9.9	-	11.2	11.2	11.2	-	12.7	12.7	12.7	-	14.5	14.4	14.4	-
	1350	MBh	36.7	37.2	38.3	-	36.4	36.9	38.0	-	35.5	36.0	37.1	-	33.9	34.4	35.5	-	31.9	32.4	33.5	-	30.1	30.6	31.7	-
		S/T	0.70	0.63	0.49	-	0.71	0.63	0.50	-	0.74	0.66	0.52	-	1.00	0.68	0.54	-	1.00	0.70	0.57	-	1.00	0.75	0.62	-
		ΔT	17	16	12	-	17	16	12	-	18	16	12	-	17	16	12	-	17	15	12	-	18	16	13	-
		kW	2.05	2.04	2.04	-	2.28	2.28	2.28	-	2.55	2.55	2.55	-	2.84	2.84	2.83	-	3.16	3.16	3.16	-	3.54	3.54	3.53	-
		Amps	7.7	7.7	7.6	-	8.8	8.8	8.7	-	10.0	10.0	10.0	-	11.3	11.3	11.3	-	12.8	12.8	12.7	-	14.5	14.5	14.5	-
75	875	MBh	35.7	36.2	37.2	38.9	35.4	35.9	36.9	38.6	34.4	34.9	36.0	37.6	32.8	33.3	34.4	36.0	30.9	31.4	32.4	34.1	29.1	29.6	30.7	32.3
		S/T	0.75	0.67	0.53	0.39	0.75	0.68	0.54	0.40	1.00	0.70	0.56	0.42	1.00	0.72	0.58	0.44	1.00	0.74	0.61	0.46	1.00	0.79	0.66	0.51
		ΔT	23	22	18	15	23	21	18	15	24	22	18	15	23	21	18	15	23	21	18	14	24	22	19	16
		kW	2.02	2.02	2.02	2.0	2.26	2.26	2.25	2.3	2.53	2.53	2.52	2.5	2.82	2.81	2.81	2.8	3.14	3.14	3.13	3.1	3.52	3.51	3.51	3.5
		Amps	7.6	7.5	7.5	7.6	8.7	8.6	8.6	8.7	9.9	9.9	9.8	9.9	11.2	11.2	11.2	11.2	12.7	12.7	12.6	12.7	14.4	14.4	14.4	14.5
	1060	MBh	36.1	36.6	37.7	39.3	35.8	36.3	37.3	39.0	34.8	35.4	36.4	38.0	33.2	**33.8**	34.8	36.4	31.3	31.8	32.9	34.5	29.5	30.0	31.1	32.7
		S/T	0.80	0.72	0.58	0.44	0.80	0.73	0.59	0.45	1.00	0.75	0.62	0.47	1.00	**0.77**	0.64	0.49	1.00	0.79	0.66	0.51	1.00	1.00	0.71	0.57
		ΔT	22	21	17	14	22	21	17	14	23	21	17	14	22	**21**	17	14	22	20	17	13	23	21	18	15
		kW	2.03	2.03	2.03	2.04	2.27	2.27	2.27	2.28	2.54	2.54	2.53	2.55	2.83	**2.82**	2.82	2.84	3.15	3.15	3.14	3.16	3.53	3.52	3.52	3.54
		Amps	7.6	7.6	7.6	7.7	8.7	8.7	8.7	8.8	9.9	9.9	9.9	10.0	11.2	**11.2**	11.2	11.3	12.7	12.7	12.7	12.8	14.4	14.4	14.4	14.5
	1125	MBh	36.8	37.3	38.3	39.9	36.4	36.9	38.0	39.6	35.5	36.0	37.1	38.7	33.9	34.4	35.5	37.1	32.0	32.5	33.5	35.1	30.2	30.7	31.7	33.4
		S/T	0.83	0.76	0.62	0.48	0.84	0.76	0.63	0.48	1.00	0.79	0.65	0.51	1.00	0.81	0.67	0.53	1.00	0.83	0.69	0.55	1.00	1.00	0.75	0.60
		ΔT	21	20	16	13	21	19	16	13	22	20	16	13	21	19	16	13	21	19	16	12	22	20	17	14
		kW	2.04	2.04	2.04	2.1	2.28	2.28	2.28	2.3	2.55	2.55	2.54	2.6	2.84	2.84	2.83	2.9	3.16	3.16	3.15	3.2	3.54	3.54	3.53	3.6
		Amps	7.7	7.7	7.6	7.7	8.8	8.7	8.7	8.8	10.0	10.0	9.9	10.0	11.3	11.3	11.3	11.4	12.8	12.8	12.7	12.8	14.5	14.5	14.5	14.6

IDB: Entering Indoor Dry Bulb Temperature
High and low pressures are measured at the liquid and suction service valves.

Shaded area reflects ACCA (TVA) conditions.

kW = Total system power
Amps = Outdoor unit amps (compressor + fan)

			OUTDOOR AMBIENT TEMPERATURE																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			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	35.9	36.4	37.4	39.1	35.5	36.0	37.1	38.7	34.6	35.1	36.2	37.8	33.0	33.5	34.6	36.2	31.1	31.6	32.6	34.3	29.3	29.8	30.8	32.5
		S/T	0.87	0.79	0.66	0.52	1.00	0.80	0.67	0.52	1.00	0.83	0.69	0.55	1.00	0.85	0.71	0.57	1.00	1.00	0.73	0.59	1.00	1.00	0.78	0.64
		ΔT	27	26	22	19	27	25	22	19	28	26	22	19	27	25	22	19	27	25	22	18	28	26	23	20
		kW	2.02	2.02	2.02	2.0	2.26	2.26	2.26	2.3	2.53	2.53	2.52	2.5	2.82	2.81	2.81	2.8	3.14	3.14	3.13	3.2	3.52	3.52	3.51	3.5
		Amps	7.6	7.6	7.5	7.6	8.7	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	12.6	12.7	14.4	14.4	14.4	14.5
	1180	MBh	36.3	36.8	37.8	39.5	36.0	36.5	37.5	39.2	35.0	35.5	36.6	38.2	33.4	33.9	**35.0**	36.6	31.5	32.0	33.0	34.7	29.7	30.2	31.3	32.9
		S/T	1.00	0.85	0.71	0.57	1.00	0.85	0.72	0.57	1.00	0.88	0.74	0.60	1.00	0.90	**0.76**	0.62	1.00	1.00	0.78	0.64	1.00	1.00	0.83	0.69
		ΔT	26	25	21	18	26	25	21	18	27	25	21	18	26	25	**21**	18	26	24	21	17	27	25	22	19
		kW	2.03	2.03	2.03	2.05	2.27	2.27	2.27	2.28	2.54	2.54	2.53	2.55	2.83	2.83	**2.82**	2.84	3.15	3.15	3.14	3.16	3.53	3.53	3.52	3.54
		Amps	7.6	7.6	7.6	7.7	8.7	8.7	8.7	8.8	9.9	9.9	9.9	10.0	11.2	11.2	**11.2**	11.3	12.7	12.7	12.7	12.8	14.5	14.4	14.4	14.5
	1350	MBh	36.9	37.4	38.5	40.1	36.6	37.1	38.2	39.8	35.7	36.2	37.3	38.9	34.1	34.6	35.7	37.3	32.1	32.6	33.7	35.3	30.4	30.9	31.9	33.5
		S/T	1.00	0.88	0.75	0.60	1.00	0.89	0.75	0.61	1.00	0.91	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
		ΔT	25	24	20	17	25	23	20	17	26	24	20	17	25	23	20	17	25	23	20	16	26	24	21	18
		kW	2.05	2.04	2.04	2.1	2.28	2.28	2.28	2.3	2.55	2.55	2.54	2.6	2.84	2.84	2.83	2.9	3.16	3.16	3.16	3.2	3.54	3.54	3.53	3.6
		Amps	7.7	7.7	7.6	7.7	8.8	8.8	8.7	8.8	10.0	10.0	10.0	10.0	11.3	11.3	11.3	11.4	12.8	12.8	12.7	12.8	14.5	14.5	14.5	14.6
85	1050	MBh	36.5	37.0	38.0	39.7	36.1	36.6	37.7	39.3	35.2	35.7	36.8	38.4	33.6	34.1	35.2	36.8	31.7	32.2	33.2	34.9	29.9	30.4	31.4	33.1
		S/T	1.00	0.90	0.76	0.62	1.00	0.90	0.77	0.62	1.00	1.00	0.79	0.65	1.00	1.00	0.81	0.67	1.00	1.00	0.83	0.69	1.00	1.00	1.00	0.74
		ΔT	31	29	26	22	31	29	26	22	31	29	26	22	31	29	26	22	31	29	25	22	32	30	27	23
		kW	2.03	2.03	2.02	2.0	2.27	2.26	2.26	2.3	2.53	2.53	2.53	2.5	2.82	2.82	2.82	2.8	3.14	3.14	3.14	3.2	3.52	3.52	3.52	3.5
		Amps	7.6	7.6	7.6	7.6	8.7	8.7	8.7	8.7	9.9	9.9	9.9	10.0	11.2	11.2	11.2	11.3	12.7	12.7	12.7	12.7	14.4	14.4	14.4	14.5
	1180	MBh	36.9	37.4	38.4	40.1	36.6	37.1	38.1	39.8	35.6	36.1	37.2	38.8	34.0	**34.5**	35.6	37.2	32.1	32.6	33.6	35.3	30.3	30.8	31.9	33.5
		S/T	1.00	0.95	0.81	0.67	1.00	0.95	0.82	0.67	1.00	1.00	0.84	0.70	1.00	**1.00**	0.86	0.72	1.00	1.00	0.88	0.74	1.00	1.00	1.00	0.79
		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	2.04	2.04	2.03	2.05	2.28	2.28	2.27	2.29	2.54	2.54	2.54	2.56	2.83	**2.83**	2.83	2.84	3.15	3.15	3.15	3.17	3.53	3.53	3.53	3.54
		Amps	7.6	7.6	7.6	7.7	8.7	8.7	8.7	8.8	9.9	9.9	9.9	10.0	11.3	**11.3**	11.2	11.3	12.7	12.7	12.7	12.8	14.5	14.5	14.4	14.5
	1350	MBh	37.5	38.0	39.1	40.7	37.2	37.7	38.8	40.4	36.3	36.8	37.9	39.5	34.7	35.2	36.3	37.9	32.7	33.2	34.3	35.9	31.0	31.5	32.5	34.1
		S/T	1.00	0.98	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	0.92	0.78	1.00	1.00	1.00	0.83
		ΔT	29	27	24	20	29	27	24	20	29	27	24	20	29	27	24	20	29	27	23	20	30	28	25	21
		kW	2.05	2.05	2.04	2.1	2.29	2.29	2.28	2.3	2.56	2.55	2.55	2.6	2.84	2.84	2.84	2.9	3.17	3.16	3.16	3.2	3.54	3.54	3.54	3.6
		Amps	7.7	7.7	7.7	7.7	8.8	8.8	8.8	8.8	10.0	10.0	10.0	10.1	11.3	11.3	11.3	11.4	12.8	12.8	12.8	12.9	14.5	14.5	14.5	14.6

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 (compressor + fan)

GLZS4MA1810A*+AMST24BU1300A*

OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	5.29	5.17	5.05	4.92	4.85	4.80	4.68	4.56	4.43	4.31	4.19	4.11	4.06	3.94	3.82	3.70	3.57
T/R	4.61	4.39	4.17	3.95	3.80	3.68	3.37	3.08	2.84	2.67	2.56	2.50	2.40	2.14	1.87	1.58	1.28
KW	372.52	360.40	348.29	336.17	328.90	324.05	311.94	299.82	287.70	275.59	263.47	256.20	251.35	239.24	227.12	215.00	202.89
AMPS	149.8	140.5	131.2	121.9	116.3	112.5	103.2	93.9	84.6	75.3	65.9	60.3	56.6	47.3	38.0	28.6	19.3
COP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

GLZS4MA2410A*+ AMST24BU1300A*

OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	28.50	26.68	24.89	23.13	22.00	21.17	19.06	17.11	15.52	14.34	13.47	13.00	12.40	10.90	9.40	7.90	6.40
T/R	32.95	31.15	29.34	27.54	26.46	25.46	22.93	20.58	18.66	17.24	16.19	15.63	14.91	13.11	11.30	9.50	7.69
KW	1.80	1.77	1.74	1.71	1.70	1.69	1.66	1.63	1.60	1.57	1.54	1.52	1.51	1.48	1.45	1.43	1.40
AMPS	6.6	6.5	6.4	6.2	6.2	6.1	6.0	5.9	5.7	5.6	5.5	5.4	5.4	5.2	5.1	5.0	4.9
COP	4.64	4.41	4.19	3.95	3.80	3.68	3.37	3.08	2.84	2.68	2.56	2.50	2.40	2.15	1.89	1.62	1.34

GLZS4MA3010A*+AMST30BU1300A*

OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	36.98	34.64	32.33	30.06	28.60	27.54	24.82	22.30	20.24	18.72	17.60	17.00	16.23	14.29	12.36	10.43	8.49
T/R	31.06	29.38	27.69	26.00	24.98	24.05	21.68	19.48	17.68	16.35	15.38	14.85	14.17	12.49	10.80	9.11	7.42
KW	2.24	2.22	2.19	2.16	2.15	2.14	2.11	2.09	2.06	2.03	2.01	1.99	1.98	1.96	1.93	1.90	1.88
AMPS	8.1	8.0	7.8	7.7	7.7	7.6	7.5	7.4	7.3	7.2	7.1	7.0	6.9	6.8	6.7	6.6	6.5
COP	4.83	4.58	4.32	4.07	3.90	3.77	3.44	3.13	2.88	2.70	2.57	2.50	2.40	2.14	1.88	1.60	1.33

GLZS4MA3610A*+AMST36CU1300A*

OUTDOOR AMBIENT TEMPERATURE																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5
MBh	44.76	42.03	39.34	36.70	35.00	33.77	30.66	27.73	25.33	23.57	22.29	21.60	20.71	18.47	16.24	14.01	11.77
T/R	33.78	32.02	30.27	28.52	27.47	26.52	24.06	21.76	19.88	18.49	17.49	16.95	16.25	14.50	12.74	10.99	9.24
KW	2.92	2.88	2.84	2.80	2.77	2.76	2.72	2.68	2.64	2.60	2.56	2.53	2.52	2.48	2.44	2.40	2.36
AMPS	10.8	10.6	10.5	10.3	10.2	10.1	9.9	9.8	9.6	9.4	9.2	9.1	9.1	8.9	8.7	8.5	8.4
COP	4.50	4.28	4.07	3.85	3.70	3.59	3.31	3.04	2.82	2.66	2.56	2.50	2.41	2.19	1.95	1.71	1.46

Calculations are based on nominal CFM and 70 °F indoor dry bulb.
Note: Shaded area is AHRI Rating Conditions at 47°F outdoor ambient temperature

Amps = Outdoor unit amps (comp.+fan)
kW = Total system power

GLZS4MA1810A*+AMST24BU1300A*				
Conditions: 80 °F IBD, 67 °F IWB @ 620 CFM				
Outdoor Tem. ° F.	**Total BTU/h**	**Sensible BTU/h**	**Latent BTU/h**	**Total Watts**
75	19,300	14,100	5,200	1,180
80	19,050	14,150	4,900	1,250
85	18,800	14,200	4,600	1,310
90	18,400	14,100	4,325	1,380
95	**18,000**	**13,950**	**4,050**	**1,450**
100	17,500	13,750	3,750	1,530
105	17,000	13,550	3,450	1,610
110	16,550	14,850	1,725	1,710
115	16,100	16,100	0	1,800
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	17,350	13,650	3,700	1,450

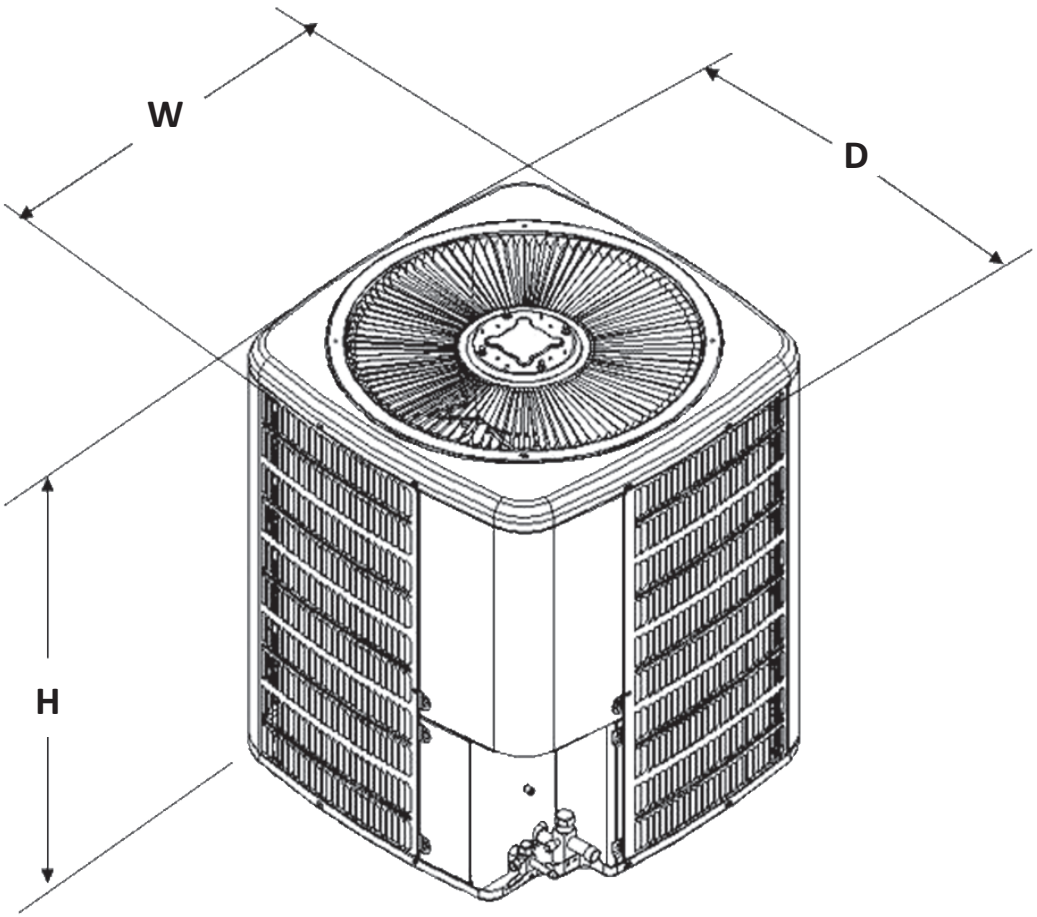
GLZS4MA2410A*+AMST24BU1300A*				
Conditions: 80 °F IBD, 67 °F IWB @ 770 CFM				
Outdoor Tem. ° F.	**Total BTU/h**	**Sensible BTU/h**	**Latent BTU/h**	**Total Watts**
75	25,500	17,950	7,550	1,540
80	25,200	18,050	7,150	1,720
85	24,900	18,100	6,800	1,720
90	24,350	17,950	6,400	1,820
95	**23,800**	**17,800**	**6,000**	**1,920**
100	23,150	17,550	5,600	2,030
105	22,450	17,300	5,150	2,140
110	21,850	17,350	4,500	2,270
115	21,250	17,400	3,850	2,400
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	22,950	17,400	5,550	1,920

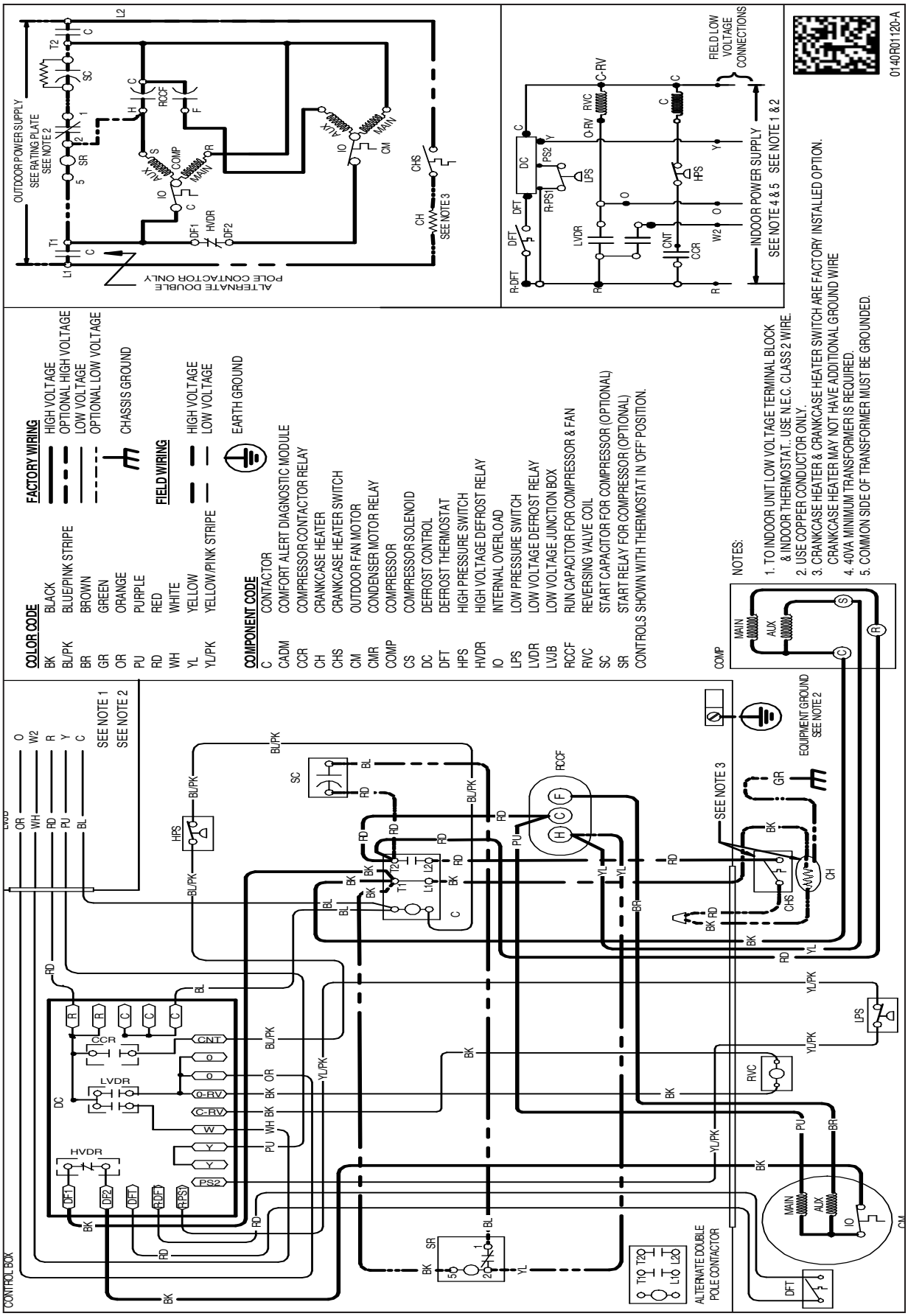
GLZS4MA3010A*+AMST30BU1300A*				
Conditions: 80 °F IBD, 67 °F IWB @ 1060 CFM				
Outdoor Tem. ° F.	**Total BTU/h**	**Sensible BTU/h**	**Latent BTU/h**	**Total Watts**
75	30,650	23,200	7,450	1,860
80	30,300	23,300	6,975	1,970
85	29,900	23,400	6,500	2,070
90	29,250	23,200	6,075	2,190
95	**28,600**	**22,950**	**5,650**	**2,310**
100	27,800	22,950	4,850	2,440
105	27,000	22,950	4,050	2,570
110	26,300	22,750	3,550	2,720
115	25,550	22,500	3,050	2,870
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	27,600	22,450	5,150	2,310

GLZS4MA3610A*+AMST36CU1300A*				
Conditions: 80 °F IBD, 67 °F IWB @ 1180 CFM				
Outdoor Tem. ° F.	**Total BTU/h**	**Sensible BTU/h**	**Latent BTU/h**	**Total Watts**
75	37,550	26,900	10,650	2,270
80	37,100	27,050	10,050	2,400
85	36,600	27,150	9,450	2,530
90	35,800	26,900	8,900	2,680
95	**35,000**	**26,650**	**8,350**	**2,820**
100	34,050	26,300	7,750	2,980
105	33,050	25,900	7,150	3,140
110	32,150	26,000	6,150	3,330
115	31,250	26,100	5,150	3,520
TVA Conditions @ 95° OD DB, 75° ID DB 63° ID WB				
95°	33,750	26,050	7,700	2,820

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

MODEL	DIMENSIONS		
	W"	D"	H"
GLZS4MA1810A*	29	29	$32^{8}/_{16}$
GLZS4MA2410A*	29	29	$32^{8}/_{16}$
GLZS4MA3010A*	29	29	$39^{8}/_{16}$
GLZS4MA3610A*	35½	35½	$35^{11}/_{16}$





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.

MODEL #	DESCRIPTION	GLZS4M A1810A*	GLZS4M A2410A*	GLZS4M A3010A*	GLZS4M A3610A*
ABK-20	Anchor Bracket Kit ◊	X	X	X	X
ASC01A	Anti-Short Cycle Kit	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X
FSK01A[1]	Freeze Protection Kit	X	X	X	X
LSK02A	Liquid Line Solenoid Kit	X	X	X	X
LAKT01A	Low-Ambient Kit	X	X	X	X
OT18-60A[2]	Outdoor Thermostat w/ Lockout Stat	X	X	X	X

◊ 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.