GZ EVOLUTION® SERIES
GEOTHERMAL SPLIT HEAT PUMP
SIZES 024, 036, 048, 060, 072

Product Data

FEATURES & BENEFITS

Energy Efficiency
- 3.3 - 4.6 COP, 14.8 - 28.8 EER (Closed Loop)
- 3.8 - 5.2 COP, 19.2 - 29.1 EER (Open Loop)
- Optional supplemental domestic water heating

Comfort
- Two-stage scroll compressor
- Used with variable speed fan coil or furnace coil

Control
- Microprocessor control
- Evolution compatible, including zoning

Sound
- Fully insulated cabinet with closed cell foam
- Compressor blanket

Reliability, Quality and Durability
- Puron® refrigerant

Flexibility and Installation
- Unit compatible with FE/FV fan coils
- Compatible with Bryant evaporator coils
- Compatible with Evolution Control (software version 13 or higher) and with many non-communicating 3 stage heat, 2 stage cooling programmable thermostats

Energy Star
- All sizes meet Energy Star requirements, except GZ072, when used with fan coils.

MODEL NUMBER NOMENCLATURE

Position>>>	1-2	3-5	6	7	8	9	10	11	12	13	14	15	16
	GZ	036	S	X	X	C	D	X	X	1	X	X	1

Model
GZ (Split)

Size
024, 036, 048, 060, 072

Cabinet Configuration
S = Split

Discharge Air Configuration
X = None

Return Air Configuration
X = None

Coax Options
C = Copper (source)
N = Cupronickel (source)

Hot Water Option
D = with Desuperheater
X = without Desuperheater

Fan/Motor Options
X = None

Air Coil Coating
X = No air coil

Voltage
1 = 208-230/60/1

Future Use

Future Use

Revision Level
1 = Original vintage

Puron

Intertek

Use of the AHRI Certified TM Mark indicates a manufacturer's participation in the program For verification of certification for individual products, go to www.ahridirectory.org.

ISO 9001
QMI-SAI Global

FURNACE MATCH-UP

When using the GZ unit with a furnace, it is important to match the CFM output of the furnace to the requirements of the GHP. For the GZ072, the selected furnace must achieve at least 2200 CFM.

NOTE: The Evolution Control may not prevent the system from accepting a furnace with less airflow than required for the GZ072. This is the responsibility of the installer.

PHYSICAL DATA - GZ***S

Description	Unit Size				
	024	036	048	060	072
Compressor Type (Qty 1)	Scroll	Scroll	Scroll	Scroll	Scroll
Refrigeration Charge (oz)*	80	86	88	115	127
Max Water Working Pressure (PSIG/kPa)	450/3100	450/3100	450/3100	450/3100	450/3100
Water Connection Size					
FPT (Swivel Type)	1.0”	1.0”	1.0”	1.0”	1.0”
Coaxial Coil Volume (gal)	0.33	0.62	0.62	1.07	1.07
Cabinet					
Weight – Operating (lbs)	189	189	189	261	261
Weight – Shipping (lbs)	172	172	172	237	237

ELECTRICAL DATA

GZ Models	Rated Voltage	Voltage Min/Max	Compressor			Total Unit	
			QTY	RLA	LRA	Min Circuit Amps	Max Fuse/ HACR
GZ024	208–230/60/1	197/253	1	11.7	58.3	14.6	25
GZ036	208–230/60/1	197/253	1	15.3	83.0	19.1	30
GZ048	208–230/60/1	197/253	1	21.2	104.0	26.5	45
GZ060	208–230/60/1	197/253	1	27.1	152.9	33.9	60
GZ072	208–230/60/1	197/253	1	29.7	179.2	37.1	60

FAN COIL / EVAP COIL MATCH-UP

Geothermal Split	Air Handler	Cased Coil
GZ024	F(E/V)4***003, FB*024	C(A/N)P(V/M)P2417
GZ036	F(E/V)4***003, F(E/V)4***005	C(A/N)P(V/M)P3617
GZ048	F(E/V)4***005	C(A/N)P(V/M)P4821
GZ060	F(E/V)4***006	C(A/N)P(V/M)P6024
GZ072	F(E/V)4***006	C(A/N)P(V/M)P6024

ACCESSORIES

Factory Installed Options

- Cupro-nickel Coil - Recommended in conditions anticipating moderate scale formation or in brackish water.
- Domestic Hot Water Heat Recovery Package: - Used to heat domestic hot water using the wasted heat from the hot compressed gas of the compressor.

Field Installed Accessories

- Thermostats - Compatible with Evolution Control (with version 13.0 software or newer) and many non-communicating 3 stage heat, 2 stage cool heat pump thermostats.
- Internal Electric Heat (mounted in fan coil) - Choices include 5, 10, 15, or 20 kilowatt back up or an emergency heater depending on the size of the geothermal heat pump.
- Unit mounting pad
- Flow centers, hose kits, etc.

AHRI RATINGS (13256-1)

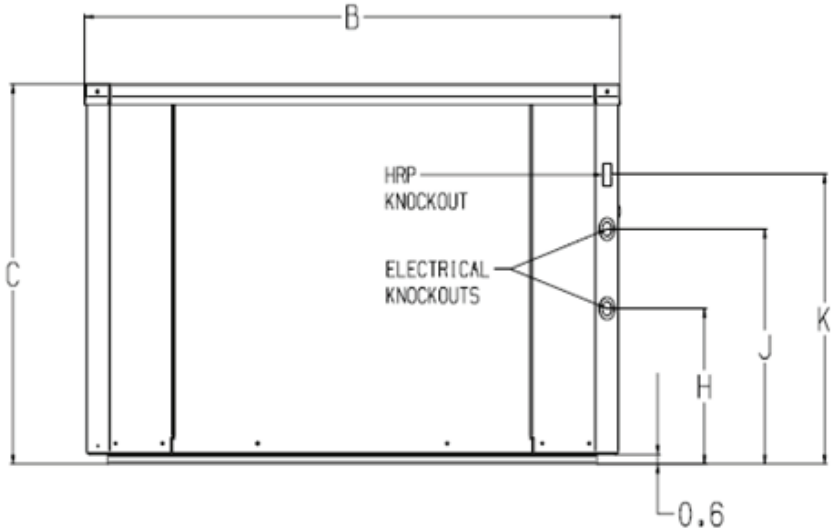
FULL LOAD – AIR HANDLER															
Condensing Section	Air Handler	GPM	F/P	Water Loop				Ground Water				Ground Loop			
				Cooling Capacity (Btu/hr)	EER	Heating Capacity (Btu/hr)	COP	Cooling Capacity (Btu/hr)	EER	Heating Capacity (Btu/hr)	COP	Cooling Capacity (Btu/hr)	EER	Heating Capacity (Btu/hr)	COP
GZ024*1*1	FE/V*003L*	6	F	25000	15.9	20900	5.1	28200	23.9	23500	4.6	26000	18.2	18900	3.9
GZ024*1*1	FB*024L*	6	F	23700	15.0	22500	4.5	26400	21.6	24500	4.0	24900	17.1	19300	3.4
GZ036*1*1	FE/V*003L*	9	F	35000	14.6	33100	5.0	40300	21.7	36700	4.5	36800	16.8	26900	3.6
GZ036*1*1	FE/V*005L*	9	F	37700	15.9	32200	5.3	41400	23.1	36700	4.8	39200	18.2	27400	3.9
GZ048*1*1	FE/V*005L*	12	F	46200	14.2	42600	4.7	52300	21.1	47400	4.2	48600	16.2	37900	3.6
GZ060*1*1	FE/V*006L*	15	F	58500	14.8	51200	4.4	64300	20.7	57500	4.0	60800	16.8	45000	3.4
GZ072*1*1	FE/V*006L*	18	F	65800	13.6	61400	4.2	72100	19.2	65800	3.8	68500	15.5	52800	3.3
PART LOAD – AIR HANDLER															
GZ024*1*1	FE/V*003L*	6	P	18300	16.8	20900	5.5	20900	27.9	17400	4.6	20900	27.9	15700	4.2
GZ024*1*1	FB*024L*	6	P	18000	16.5	22500	5.2	21000	27.0	18600	4.4	21000	27.0	16400	3.9
GZ036*1*1	FE/V*003L*	9	P	25300	16.0	33100	5.9	29700	26.8	26100	4.7	29700	26.8	21900	4.2
GZ036*1*1	FE/V*005L*	9	P	27000	17.8	32200	6.3	30300	28.5	26000	5.2	30300	28.5	22800	4.6
GZ048*1*1	FE/V*005L*	12	P	34700	15.5	42600	5.4	40000	26.4	35400	4.6	40000	26.4	31600	4.1
GZ060*1*1	FE/V*006L*	15	P	44000	16.6	51200	5.1	49100	26.2	42600	4.3	49100	26.2	38000	3.9
GZ072*1*1	FE/V*006L*	18	P	51700	15.2	61400	4.6	57800	24.0	50500	4.1	57800	24.0	45000	3.7

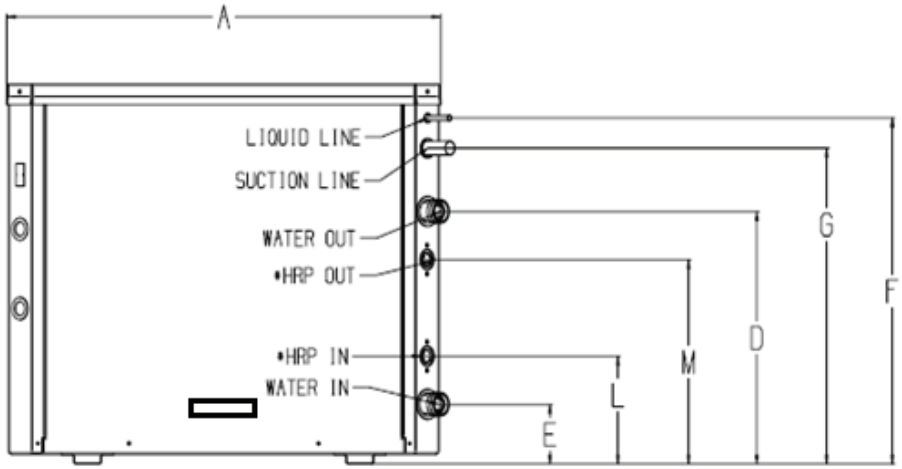
FULL LOAD – EVAP COIL															
Condensing Section	EVAP COIL	GPM	F/P	Water Loop				Ground Water				Ground Loop			
				Cooling Capacity (Btu/hr)	EER	Heating Capacity (Btu/hr)	COP	Cooling Capacity (Btu/hr)	EER	Heating Capacity (Btu/hr)	COP	Cooling Capacity (Btu/hr)	EER	Heating Capacity (Btu/hr)	COP
GZ024*1*1	CNP*24*L*	6	F	24400	15.5	27700	4.8	27200	23.8	23400	4.3	25300	18.1	18900	3.8
GZ036*1*1	CNP*36*L*	9	F	34900	14.7	45000	4.8	39200	21.7	36500	4.3	37000	17.1	26000	3.5
GZ048*1*1	CNP*48*L*	12	F	47200	14.9	56500	4.8	52300	21.7	46600	4.3	49300	17.1	36600	3.6
GZ060*1*1	CNP*60*L*	15	F	60700	15.1	74200	4.9	66500	21.4	61000	4.4	63100	17.4	48200	3.7
GZ072*1*1	CNP*60*L*	18	F	64800	14.2	82400	4.9	69800	20.2	67600	4.3	66600	16.1	53700	3.6
GZ024*1*1	CAP*24*L*	6	F	24900	15.7	21500	4.9	28000	23.8	23900	4.3	26100	18.0	19000	3.7
GZ036*1*1	CAP*36*L*	9	F	35900	15.0	31300	4.7	36300	20.6	36100	4.3	29700	14.8	27300	3.6
GZ048*1*1	CAP*48*L*	12	F	46900	13.9	41700	4.8	52000	20.1	46600	4.2	49000	15.8	36100	3.5
GZ060*1*1	CAP*60*L*	15	F	63500	16.5	52600	5.1	66400	22.3	58800	4.5	63900	18.3	46000	3.8
GZ072*1*1	CAP*60*L*	18	F	71500	15.5	61500	4.9	77000	21.9	67100	4.2	74400	17.8	53800	3.6
PART LOAD – EVAP COIL															
GZ024*1*1	CNP*24*L*	6	P	18200	17.1	20700	5.1	20600	29.1	17500	4.4	20100	24.5	15800	4.0
GZ036*1*1	CNP*36*L*	9	P	25300	16.6	32300	5.4	28900	27.7	25200	4.4	27800	23.8	21000	3.9
GZ048*1*1	CNP*48*L*	12	P	34900	16.4	41300	5.2	39400	27.3	33600	4.4	38200	23.4	29600	3.9
GZ060*1*1	CNP*60*L*	15	P	44900	16.9	54200	5.4	49800	26.3	44700	4.6	48700	23.1	39200	4.1
GZ072*1*1	CNP*60*L*	18	P	50800	15.2	65100	5.3	56300	24.3	52600	4.4	55200	21.1	46600	4.0
GZ024*1*1	CAP*24*L*	6	P	18600	16.9	21500	5.0	21100	28.0	17500	4.3	21100	28.0	15300	3.8
GZ036*1*1	CAP*36*L*	9	P	19000	12.9	31300	5.2	27800	25.7	25000	4.4	27800	25.7	21700	3.8
GZ048*1*1	CAP*48*L*	12	P	34900	15.4	41700	5.2	39200	25.6	34000	4.4	39200	25.6	30000	3.9
GZ060*1*1	CAP*60*L*	15	P	44800	17.2	52600	5.5	51000	28.8	42900	4.6	51000	28.8	37800	4.1
GZ072*1*1	CAP*60*L*	18	P	54600	16.5	61500	5.2	61900	27.0	50300	4.5	61900	27.0	44400	4.0

NOTE: Ratings contained in this document are subject to change at any time. Always refer to the AHRI directory (www.ahridirectory.org) for the most up–to–date ratings information.

DIMENSIONS

Model	A	B	C	D	E	F	G	H	J	K	L	M	Water Connections (Swivel Type)
	Width	Depth	Height	Water Out	Water In	Liquid Connection	Suction Connection	Electrical Knockout		HRP Knockout	*HRP In	*HRP Out	
GZ024	24	27.4	21.5	12.7	3.7	3/8" @ 19.4	7/8" @ 17.6	8.6	13.5	16.8	6.2	10.1	1" F.P.T
GZ036	24	27.4	21.5	15.5	3.5	3/8" @ 19.4	7/8" @ 17.6	8.6	13.5	16.8	6.6	13	1" F.P.T
GZ048	24	27.4	21.5	15.5	3.5	3/8" @ 19.4	7/8" @ 17.6	8.6	13.5	16.8	6.6	13	1" F.P.T
GZ060	27	33.4	23.3	15.5	3.7	3/8" @ 21.2	1" @ 19.4	9.5	14.4	17.7	6.6	12.5	1" F.P.T
GZ072	27	33.4	23.3	15.5	3.7	3/8" @ 21.2	1" @ 19.4	9.5	14.4	17.7	6.6	12.5	1" F.P.T





NOTES:
- ALL DIMENSIONS WITHIN +/- 0.125"
- ALL DIMENSIONS ARE IN INCHES
- SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE
- SWIVEL TYPE WATER FITTING PROTRUDES 1.5" FROM POST

* OPTIONAL HRP FEATURE WITH 1/2" FPT WATER CONNECTIONS

GZ024 HEATING PERFORMANCE - PART LOAD

GZ024 Heating Performance – Part Load @ 650 CFM								
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Heating				
				Ent. Air db,°F	Total KBtu/hr.	Ht. Abs. Btu/hr.	Unit kW	COP
30	3	1.9	0.8	60	12.8	9.9	1.1	3.5
				70	12.6	9.2	1.2	3.1
				80	12.2	8.4	1.3	2.7
	4	3.3	1.4	60	13.5	10.5	1.1	3.7
				70	12.9	9.5	1.2	3.2
				80	12.7	8.8	1.3	2.8
	6	6.8	2.9	60	14.1	11.1	1.1	3.9
				70	13.5	10.1	1.2	3.3
				80	13.4	9.5	1.3	2.9
40	3	1.9	0.8	60	14.8	11.8	1.1	4.0
				70	14.5	11.1	1.2	3.5
				80	14.0	10.1	1.4	3.0
	4	3.2	1.4	60	15.4	12.4	1.1	4.2
				70	15.0	11.5	1.2	3.6
				80	14.8	10.8	1.4	3.2
	6	6.5	2.8	60	16.2	13.2	1.1	4.4
				70	15.9	12.4	1.2	3.8
				80	15.3	11.4	1.4	3.3
50	3	1.7	0.7	60	17.4	14.3	1.1	4.6
				70	17.0	13.5	1.2	4.0
				80	16.7	12.7	1.4	3.6
	4	2.9	1.2	60	18.3	15.2	1.1	4.9
				70	17.7	14.2	1.2	4.2
				80	17.2	13.2	1.4	3.7
	6	5.9	2.6	60	19.1	16.0	1.1	5.1
				70	18.6	15.1	1.2	4.4
				80	18.0	13.9	1.4	3.8
60	3	1.6	0.7	60	19.7	16.6	1.1	5.2
				70	19.3	15.8	1.2	4.6
				80	18.8	14.7	1.4	4.0
	4	2.8	1.2	60	20.8	17.6	1.1	5.5
				70	20.3	16.7	1.2	4.8
				80	19.6	15.5	1.4	4.1
	6	5.7	2.5	60	21.8	18.7	1.1	5.7
				70	21.2	17.6	1.3	5.0
				80	20.7	16.6	1.4	4.3
70	3	1.6	0.7	60	22.2	19.1	1.1	5.8
				70	21.6	18.0	1.3	5.1
				80	21.1	17.0	1.4	4.4
	4	2.7	1.2	60	23.2	20.1	1.1	6.1
				70	22.7	19.1	1.3	5.3
				80	22.0	17.9	1.4	4.6
	6	5.5	2.4	60	24.4	21.2	1.1	6.4
				70	23.8	20.2	1.3	5.5
				80	23.2	19.1	1.4	4.8
80	3	1.5	0.7	60	24.6	21.4	1.1	6.4
				70	23.9	20.3	1.3	5.6
				80	23.4	19.2	1.4	4.8
	4	2.6	1.1	60	25.8	22.6	1.1	6.7
				70	25.1	21.5	1.3	5.8
				80	24.4	20.3	1.4	5.0
	6	5.4	2.3	60	27.3	24.1	1.1	7.1
				70	26.5	22.8	1.3	6.1
				80	25.7	21.5	1.4	5.3

GZ024 HEATING PERFORMANCE - FULL LOAD

GZ024 Heating Performance – Full Load @ 850 CFM								
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Heating				
				Ent. Air db,°F	Total KBtu/hr.	Ht. Abs. Btu/hr.	Unit kW	COP
30	3	1.9	0.8	60	17.8	13.8	1.4	3.7
				70	17.3	12.7	1.5	3.3
				80	17.2	12.1	1.7	3.0
	4	3.3	1.4	60	18.5	14.4	1.4	3.9
				70	18.0	13.4	1.6	3.4
				80	17.8	12.7	1.7	3.1
	6	6.8	2.9	60	19.5	15.4	1.4	4.0
				70	18.9	14.2	1.6	3.5
				80	18.4	13.3	1.7	3.1
40	3	1.9	0.8	60	19.9	15.7	1.4	4.1
				70	19.6	14.9	1.6	3.6
				80	19.1	13.9	1.7	3.2
	4	3.2	1.4	60	20.9	16.6	1.5	4.2
				70	20.5	15.7	1.6	3.8
				80	20.0	14.7	1.8	3.3
	6	6.5	2.8	60	22.2	17.8	1.5	4.4
				70	21.7	16.9	1.6	3.9
				80	21.0	15.7	1.8	3.5
50	3	1.7	0.7	60	23.2	18.8	1.5	4.5
				70	22.7	17.8	1.6	4.1
				80	22.5	17.0	1.8	3.7
	4	2.9	1.2	60	24.4	19.9	1.5	4.7
				70	23.8	18.8	1.7	4.2
				80	23.5	18.0	1.8	3.8
	6	5.9	2.6	60	25.8	21.3	1.5	4.9
				70	25.2	20.1	1.7	4.4
				80	24.7	19.1	1.8	3.9
60	3	1.6	0.7	60	26.1	21.5	1.6	4.9
				70	25.6	20.5	1.7	4.4
				80	25.2	19.6	1.9	4.0
	4	2.8	1.2	60	27.5	22.8	1.6	5.1
				70	26.8	21.6	1.7	4.6
				80	26.3	20.6	1.9	4.1
	6	5.7	2.5	60	29.2	24.4	1.6	5.3
				70	28.5	23.2	1.8	4.8
				80	27.7	21.9	1.9	4.3
70	3	1.6	0.7	60	29.1	24.3	1.6	5.3
				70	28.5	23.2	1.8	4.8
				80	27.9	22.1	1.9	4.3
	4	2.7	1.2	60	30.9	25.9	1.6	5.5
				70	30.1	24.7	1.8	4.9
				80	29.4	23.4	1.9	4.4
	6	5.5	2.4	60	32.8	27.8	1.7	5.8
				70	32.0	26.5	1.8	5.2
				80	31.2	25.2	2.0	4.6
80	3	1.5	0.7	60	32.2	27.2	1.7	5.7
				70	31.6	26.1	1.8	5.1
				80	31.1	25.0	2.0	4.6
	4	2.6	1.1	60	34.2	29.1	1.7	5.9
				70	33.4	27.9	1.8	5.3
				80	32.6	26.5	2.0	4.8
	6	5.4	2.3	60	36.5	31.3	1.7	6.2
				70	35.6	29.9	1.9	5.6
				80	34.8	28.5	2.0	5.0

GZ024 COOLING PERFORMANCE - PART LOAD

GZ024 Cooling Performance – Part Load @ 650 CFM									
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Cooling					
				Ent. Air db/wb,°F	Total kBtu/hr.	Sensible kBtu/hr.	Ht. Rej. kBtu/hr.	Unit kW	EER
50	3	1.7	0.7	75/63	20.6	16.3	23.0	0.9	24.1
				80/67	21.9	16.9	24.4	0.8	26.0
				85/71	23.4	17.4	25.8	0.8	28.1
	4	2.9	1.2	75/63	20.9	16.4	23.3	0.8	25.6
				80/67	22.4	17.1	24.7	0.8	27.7
				85/71	23.9	17.6	26.2	0.8	30.0
	6	5.9	2.6	75/63	21.3	16.6	23.6	0.8	27.1
				80/67	22.8	17.3	25.1	0.8	29.4
				85/71	24.4	17.8	26.6	0.8	32.1
60	3	1.6	0.7	75/63	19.6	15.9	22.2	1.0	20.6
				80/67	20.9	16.4	23.6	0.9	22.2
				85/71	22.3	17.0	25.0	0.9	24.0
	4	2.8	1.2	75/63	19.9	16.1	22.5	0.9	21.9
				80/67	21.4	16.6	23.9	0.9	23.7
				85/71	22.8	17.3	25.3	0.9	25.6
	6	5.7	2.5	75/63	20.3	16.2	22.8	0.9	23.2
				80/67	21.8	16.8	24.2	0.9	25.2
				85/71	23.2	17.4	25.7	0.8	27.4
70	3	1.6	0.7	75/63	18.6	15.5	21.5	1.1	17.5
				80/67	19.9	16.1	22.8	1.1	18.8
				85/71	21.2	16.7	24.1	1.0	20.2
	4	2.7	1.2	75/63	18.9	15.6	21.7	1.0	18.5
				80/67	20.2	16.3	23.1	1.0	20.0
				85/71	21.6	16.9	24.4	1.0	21.6
	6	5.5	2.4	75/63	19.2	15.8	22.0	1.0	19.5
				80/67	20.6	16.4	23.4	1.0	21.2
				85/71	22.1	16.9	24.8	1.0	23.1
80	3	1.5	0.7	75/63	17.6	15.0	20.9	1.2	14.7
				80/67	18.8	15.7	22.1	1.2	15.8
				85/71	20.1	16.2	23.4	1.2	17.0
	4	2.6	1.1	75/63	17.9	15.2	21.1	1.2	15.5
				80/67	19.2	15.8	22.3	1.1	16.8
				85/71	20.5	16.4	23.6	1.1	18.1
	6	5.4	2.3	75/63	18.2	15.3	21.2	1.1	16.4
				80/67	19.5	15.9	22.6	1.1	17.8
				85/71	20.9	16.6	23.9	1.1	19.2
85	3	1.5	0.7	75/63	17.1	14.8	20.5	1.3	13.5
				80/67	18.3	15.5	21.7	1.3	14.5
				85/71	19.5	16.1	23.0	1.3	15.5
	4	2.5	1.1	75/63	17.4	14.9	20.7	1.2	14.2
				80/67	18.6	15.6	22.0	1.2	15.3
				85/71	19.9	16.2	23.2	1.2	16.5
	6	5.3	2.3	75/63	17.7	15.1	20.9	1.2	15.0
				80/67	19.0	15.7	22.2	1.2	16.2
				85/71	20.3	16.3	23.5	1.2	17.5
90	3	1.5	0.6	75/63	16.6	14.6	20.2	1.3	12.3
				80/67	17.7	15.3	21.4	1.3	13.2
				85/71	19.0	15.8	22.6	1.3	14.2
	4	2.5	1.1	75/63	16.9	14.7	20.4	1.3	13.0
				80/67	18.1	15.4	21.6	1.3	14.0
				85/71	19.3	15.9	22.9	1.3	15.1
	6	5.2	2.3	75/63	17.2	14.8	20.6	1.3	13.6
				80/67	18.4	15.5	21.8	1.2	14.8
				85/71	19.7	16.1	23.1	1.2	16.0
100	3	1.4	0.6	75/63	15.5	14.2	19.6	1.5	10.3
				80/67	16.7	14.8	20.8	1.5	11.0
				85/71	17.8	15.4	21.9	1.5	11.8
	4	2.4	1.1	75/63	15.8	14.3	19.8	1.5	10.8
				80/67	17.0	14.9	20.9	1.5	11.6
				85/71	18.1	15.5	22.1	1.5	12.5
	6	5.0	2.2	75/63	16.1	14.5	19.9	1.4	11.3
				80/67	17.3	15.0	21.1	1.4	12.2
				85/71	18.5	15.6	22.3	1.4	13.2
110	3	1.4	0.6	75/63	14.4	13.8	19.0	1.7	8.5
				80/67	15.5	14.4	20.1	1.7	9.1
				85/71	16.6	15.1	21.2	1.7	9.7
	4	2.4	1.0	75/63	14.7	13.8	19.1	1.7	8.9
				80/67	15.8	14.5	20.2	1.7	9.5
				85/71	16.9	15.2	21.4	1.7	10.2
	6	4.9	2.1	75/63	15.0	13.9	19.3	1.6	9.3
				80/67	16.1	14.6	20.4	1.6	10.0
				85/71	17.3	15.2	21.6	1.6	10.8

GZ024 COOLING PERFORMANCE - FULL LOAD

GZ024 Cooling Performance – Full Load @ 700 CFM									
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Cooling					
				Ent. Air db/wb,°F	Total kBtu/hr.	Sensible kBtu/hr.	Ht. Rej. kBtu/hr.	Unit kW	EER
50	3	1.7	0.7	75/63	27.1	21.4	31.1	1.3	20.7
				80/67	28.9	22.2	33.0	1.3	21.6
				85/71	30.7	22.9	34.9	1.4	22.6
	4	2.9	1.2	75/63	27.7	21.7	31.5	1.3	22.1
				80/67	29.6	22.4	33.4	1.3	23.2
				85/71	31.5	23.2	35.4	1.3	24.3
	6	5.9	2.6	75/63	28.3	21.9	31.9	1.2	23.8
				80/67	30.2	22.7	33.9	1.2	25.0
				85/71	32.2	23.4	36.0	1.2	26.3
60	3	1.6	0.7	75/63	26.0	20.9	30.3	1.4	18.2
				80/67	27.7	21.7	32.1	1.5	19.1
				85/71	29.5	22.4	34.0	1.5	20.0
	4	2.8	1.2	75/63	26.5	21.2	30.7	1.4	19.3
				80/67	28.3	22.0	32.5	1.4	20.3
				85/71	30.2	22.7	34.5	1.4	21.4
	6	5.7	2.5	75/63	27.1	21.4	31.1	1.3	20.6
				80/67	29.0	22.2	33.0	1.3	21.8
				85/71	30.9	22.9	35.0	1.3	23.0
70	3	1.6	0.7	75/63	24.9	20.4	29.5	1.6	16.0
				80/67	26.5	21.2	31.2	1.6	16.8
				85/71	28.2	21.9	33.0	1.6	17.6
	4	2.7	1.2	75/63	25.4	20.7	29.8	1.5	16.9
				80/67	27.1	21.5	31.6	1.5	17.9
				85/71	28.9	22.1	33.5	1.5	18.8
	6	5.5	2.4	75/63	25.9	20.9	30.2	1.4	17.9
				80/67	27.7	21.7	32.0	1.5	19.0
				85/71	29.6	22.4	34.0	1.5	20.1
80	3	1.5	0.7	75/63	23.7	20.0	28.7	1.7	14.0
				80/67	25.3	20.7	30.4	1.7	14.7
				85/71	26.9	21.5	32.1	1.7	15.5
	4	2.6	1.1	75/63	24.2	20.2	29.0	1.6	14.8
				80/67	25.8	20.9	30.8	1.7	15.6
				85/71	27.5	21.7	32.5	1.7	16.5
	6	5.4	2.3	75/63	24.7	20.4	29.3	1.6	15.6
				80/67	26.4	21.1	31.1	1.6	16.5
				85/71	28.1	22.0	33.0	1.6	17.5
85	3	1.5	0.7	75/63	23.1	19.7	28.3	1.8	13.1
				80/67	24.7	20.4	30.0	1.8	13.8
				85/71	26.3	21.3	31.7	1.8	14.5
	4	2.5	1.1	75/63	23.6	19.9	28.6	1.7	13.8
				80/67	25.2	20.6	30.3	1.7	14.6
				85/71	26.9	21.5	32.1	1.7	15.4
	6	5.3	2.3	75/63	24.0	20.1	28.9	1.7	14.5
				80/67	25.7	20.8	30.7	1.7	15.4
				85/71	27.4	21.7	32.5	1.7	16.3
90	3	1.5	0.6	75/63	22.5	19.4	28.0	1.9	12.2
				80/67	24.1	20.2	29.6	1.9	12.8
				85/71	25.6	21.1	31.2	1.9	13.5
	4	2.5	1.1	75/63	23.0	19.6	28.2	1.8	12.9
				80/67	24.6	20.4	29.9	1.8	13.6
				85/71	26.2	21.3	31.6	1.8	14.3
	6	5.2	2.3	75/63	23.4	19.8	28.5	1.7	13.5
				80/67	25.1	20.6	30.2	1.7	14.4
				85/71	26.7	21.5	32.0	1.8	15.2
100	3	1.4	0.6	75/63	21.3	18.9	27.3	2.0	10.5
				80/67	22.8	19.7	28.9	2.1	11.1
				85/71	24.4	20.6	30.5	2.1	11.7
	4	2.4	1.1	75/63	21.8	19.1	27.5	2.0	11.1
				80/67	23.3	20.0	29.1	2.0	11.7
				85/71	24.9	20.7	30.8	2.0	12.4
	6	5.0	2.2	75/63	22.1	19.2	27.7	1.9	11.6
				80/67	23.7	20.2	29.4	1.9	12.3
				85/71	25.4	20.8	31.1	1.9	13.1
110	3	1.4	0.6	75/63	20.1	17.9	26.7	2.3	8.9
				80/67	21.6	19.2	28.2	2.3	9.5
				85/71	23.0	20.2	29.8	2.3	10.0
	4	2.4	1.0	75/63	20.5	18.1	26.8	2.2	9.4
				80/67	22.0	19.5	28.4	2.2	10.0
				85/71	23.5	20.2	30.1	2.2	10.7
	6	4.9	2.1	75/63	20.8	18.2	27.0	2.1	9.8
				80/67	22.4	19.6	28.6	2.1	10.5
				85/71	24.0	20.3	30.3	2.1	11.2

GZ036 HEATING PERFORMANCE - PART LOAD

GZ036 Heating Performance – Part Load @ 1025 CFM								
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Heating				
				Ent. Air db,°F	Total KBtu/hr.	Ht. Abs. Btu/hr.	Unit kW	COP
30	4.5	1.8	0.8	60	19.7	15.2	1.6	3.6
				70	19.2	14.1	1.8	3.1
				80	18.9	13.0	2.0	2.7
	6.0	3.0	1.3	60	20.3	15.7	1.6	3.7
				70	19.7	14.6	1.8	3.2
				80	19.3	13.5	2.0	2.8
	9.0	6.2	2.7	60	20.9	16.4	1.6	3.8
				70	20.3	15.2	1.8	3.3
				80	19.9	14.0	2.0	2.9
40	4.5	1.7	0.7	60	22.9	18.4	1.6	4.1
				70	22.2	17.0	1.8	3.6
				80	21.8	15.9	2.0	3.2
	6.0	2.9	1.3	60	23.5	19.0	1.6	4.2
				70	22.8	17.7	1.8	3.7
				80	22.4	16.5	2.0	3.2
	9.0	6.0	2.6	60	24.3	19.8	1.6	4.3
				70	23.7	18.5	1.8	3.8
				80	23.0	17.1	2.0	3.3
50	4.5	1.6	0.7	60	26.5	21.9	1.7	4.7
				70	25.9	20.6	1.8	4.1
				80	25.0	19.1	2.0	3.6
	6.0	2.6	1.1	60	27.4	22.8	1.7	4.8
				70	26.7	21.4	1.8	4.2
				80	26.0	20.0	2.0	3.7
	9.0	5.5	2.4	60	28.4	23.7	1.7	5.0
				70	27.5	22.2	1.8	4.4
				80	26.7	20.7	2.1	3.8
60	4.5	1.5	0.7	60	30.1	25.5	1.7	5.3
				70	29.3	24.0	1.9	4.6
				80	28.6	22.6	2.1	4.1
	6.0	2.5	1.1	60	31.3	26.6	1.7	5.5
				70	30.3	24.9	1.9	4.8
				80	29.5	23.4	2.1	4.2
	9.0	5.3	2.3	60	32.3	27.6	1.7	5.7
				70	31.4	26.0	1.9	4.9
				80	30.4	24.3	2.1	4.3
70	4.5	1.5	0.6	60	33.8	29.1	1.7	5.9
				70	32.9	27.6	1.9	5.2
				80	32.0	25.9	2.1	4.5
	6.0	2.5	1.1	60	35.1	30.4	1.7	6.1
				70	34.1	28.8	1.9	5.4
				80	33.1	26.9	2.1	4.6
	9.0	5.1	2.2	60	36.4	31.8	1.7	6.4
				70	35.3	30.0	1.9	5.5
				80	34.4	28.2	2.1	4.8
80	4.5	1.4	0.6	60	37.7	33.0	1.7	6.6
				70	36.6	31.3	1.9	5.7
				80	35.8	29.7	2.1	5.0
	6.0	2.4	1.0	60	39.1	34.4	1.7	6.8
				70	38.0	32.6	1.9	5.9
				80	37.0	30.9	2.1	5.2
	9.0	4.9	2.1	60	40.7	36.0	1.7	7.1
				70	39.4	34.0	1.9	6.1
				80	38.3	32.1	2.1	5.3

GZ036 HEATING PERFORMANCE - FULL LOAD

GZ036 Heating Performance – Full Load @ 1250 CFM								
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Heating				
				Ent. Air db,°F	Total KBtu/hr.	Ht. Abs. Btu/hr.	Unit kW	COP
30	4.5	1.8	0.8	60	27.7	21.0	2.3	3.6
				70	27.4	19.8	2.5	3.2
				80	26.9	18.5	2.8	2.9
	6.0	3.0	1.3	60	28.7	21.9	2.3	3.7
				70	28.3	20.7	2.5	3.3
				80	27.7	19.2	2.8	2.9
	9.0	6.2	2.7	60	29.8	22.9	2.3	3.8
				70	29.3	21.6	2.5	3.4
				80	28.8	20.3	2.8	3.0
40	4.5	1.7	0.7	60	31.5	24.5	2.4	3.9
				70	31.0	23.2	2.6	3.5
				80	30.4	21.8	2.8	3.1
	6.0	2.9	1.3	60	32.7	25.6	2.4	4.0
				70	32.2	24.3	2.6	3.6
				80	31.7	22.9	2.9	3.2
	9.0	6.0	2.6	60	34.1	26.9	2.4	4.1
				70	33.4	25.4	2.6	3.7
				80	32.8	23.9	2.9	3.3
50	4.5	1.6	0.7	60	36.2	28.9	2.5	4.3
				70	35.5	27.4	2.7	3.9
				80	34.9	25.8	3.0	3.5
	6.0	2.6	1.1	60	37.7	30.3	2.5	4.5
				70	36.9	28.7	2.7	4.0
				80	36.1	27.0	3.0	3.6
	9.0	5.5	2.4	60	39.4	31.9	2.5	4.6
				70	38.4	30.1	2.7	4.1
				80	37.7	28.5	3.0	3.7
60	4.5	1.5	0.7	60	40.7	33.1	2.5	4.7
				70	39.9	31.5	2.8	4.2
				80	39.1	29.9	3.0	3.8
	6.0	2.5	1.1	60	42.5	34.7	2.6	4.8
				70	41.6	33.1	2.8	4.4
				80	40.8	31.4	3.0	3.9
	9.0	5.3	2.3	60	44.5	36.7	2.6	5.0
				70	43.3	34.7	2.8	4.5
				80	42.4	32.9	3.1	4.0
70	4.5	1.5	0.6	60	45.4	37.5	2.6	5.1
				70	44.5	35.8	2.9	4.6
				80	43.6	34.1	3.1	4.1
	6.0	2.5	1.1	60	47.5	39.4	2.7	5.2
				70	46.4	37.6	2.9	4.7
				80	45.4	35.7	3.1	4.2
	9.0	5.1	2.2	60	49.9	41.7	2.7	5.4
				70	48.5	39.5	2.9	4.9
				80	47.5	37.6	3.2	4.4
80	4.5	1.4	0.6	60	50.3	42.0	2.7	5.4
				70	49.4	40.3	2.9	4.9
				80	48.3	38.4	3.2	4.4
	6.0	2.4	1.0	60	52.7	44.2	2.8	5.6
				70	51.5	42.3	3.0	5.0
				80	50.5	40.4	3.3	4.6
	9.0	4.9	2.1	60	55.3	46.7	2.8	5.7
				70	54.0	44.7	3.0	5.2
				80	52.7	42.5	3.3	4.7

GZ036 COOLING PERFORMANCE - PART LOAD

GZ036 Cooling Performance – Part Load @ 1025 CFM									
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Cooling					
				Ent. Air db/wb,°F	Total kBtu/hr.	Sensible kBtu/hr.	Ht. Rej. kBtu/hr.	Unit kW	EER
50	4.5	1.5	0.7	75/63	28.5	23.2	32.4	1.3	21.4
				80/67	30.6	24.3	34.4	1.3	23.3
				85/71	32.7	25.1	36.5	1.3	25.3
	6.0	2.6	1.1	75/63	28.9	23.4	32.7	1.3	22.2
				80/67	31.0	24.5	34.8	1.3	24.2
				85/71	33.3	25.4	37.0	1.3	26.5
	9.0	5.4	2.3	75/63	29.2	23.6	33.0	1.3	22.8
				80/67	31.4	24.6	35.1	1.3	24.9
				85/71	33.7	26.1	37.4	1.2	27.3
60	4.5	1.5	0.6	75/63	27.2	22.6	31.3	1.4	18.8
				80/67	29.2	23.7	33.3	1.4	20.4
				85/71	31.2	24.6	35.4	1.4	22.1
	6.0	2.5	1.1	75/63	27.6	22.7	31.6	1.4	19.6
				80/67	29.6	23.8	33.6	1.4	21.3
				85/71	31.7	24.8	35.7	1.4	23.2
	9.0	5.2	2.2	75/63	27.9	23.0	31.9	1.4	20.2
				80/67	30.0	24.0	33.9	1.4	22.1
				85/71	32.1	25.0	36.0	1.3	24.1
70	4.5	2.4	1.1	75/63	25.8	21.9	30.4	1.6	16.2
				80/67	27.7	23.0	32.3	1.6	17.5
				85/71	29.8	24.0	34.3	1.6	19.0
	6.0	4.1	1.8	75/63	26.2	22.2	30.6	1.6	16.9
				80/67	28.2	23.2	32.6	1.5	18.4
				85/71	30.2	24.2	34.6	1.5	20.0
	9.0	8.5	3.7	75/63	26.5	22.3	30.9	1.5	17.6
				80/67	28.5	23.4	32.8	1.5	19.1
				85/71	30.6	24.3	34.9	1.5	20.8
80	4.5	2.4	1.0	75/63	24.5	21.3	29.5	1.8	13.7
				80/67	26.3	22.4	31.3	1.8	14.9
				85/71	28.3	23.3	33.3	1.8	16.1
	6.0	4.0	1.7	75/63	24.7	21.4	29.6	1.7	14.2
				80/67	26.6	22.5	31.5	1.7	15.4
				85/71	28.7	23.5	33.5	1.7	16.9
	9.0	8.3	3.6	75/63	25.1	21.6	29.9	1.7	14.9
				80/67	27.1	22.7	31.8	1.7	16.2
				85/71	29.1	23.7	33.8	1.6	17.6
85	4.5	1.4	0.6	75/63	23.8	21.0	29.1	1.9	12.6
				80/67	25.6	22.0	30.9	1.9	13.7
				85/71	27.5	23.1	32.8	1.9	14.7
	6.0	2.3	1.0	75/63	24.0	21.1	29.2	1.8	13.1
				80/67	25.9	22.2	31.1	1.8	14.1
				85/71	27.9	23.2	33.0	1.8	15.4
	9.0	4.8	2.1	75/63	24.4	21.3	29.5	1.8	13.7
				80/67	26.3	22.4	31.3	1.8	14.9
				85/71	28.3	23.4	33.3	1.7	16.2
90	4.5	1.4	0.6	75/63	23.0	20.7	28.6	2.0	11.5
				80/67	24.8	21.8	30.4	2.0	12.5
				85/71	26.7	22.8	32.3	2.0	13.4
	6.0	2.3	1.0	75/63	23.3	20.9	28.8	2.0	11.9
				80/67	25.1	21.9	30.6	1.9	12.9
				85/71	27.1	22.8	32.6	1.9	14.0
	9.0	4.8	2.1	75/63	23.7	21.0	29.0	1.9	12.5
				80/67	25.6	22.0	30.9	1.9	13.6
				85/71	27.5	23.1	32.8	1.9	14.8
100	4.5	1.3	0.6	75/63	21.6	20.1	27.9	2.3	9.6
				80/67	23.3	21.2	29.6	2.2	10.4
				85/71	25.1	22.1	31.5	2.2	11.2
	6.0	2.2	1.0	75/63	21.9	20.1	28.0	2.2	9.9
				80/67	23.6	21.3	29.8	2.2	10.8
				85/71	25.4	22.2	31.6	2.2	11.6
	9.0	4.6	2.0	75/63	22.2	20.4	28.2	2.1	10.4
				80/67	24.0	21.4	30.0	2.1	11.3
				85/71	25.9	22.5	31.8	2.1	12.3
110	4.5	1.3	0.6	75/63	20.1	19.4	27.2	2.5	7.9
				80/67	21.8	20.5	28.9	2.5	8.6
				85/71	23.5	21.6	30.6	2.5	9.2
	6.0	2.2	1.0	75/63	20.4	19.5	27.3	2.5	8.2
				80/67	22.1	20.7	29.0	2.5	8.9
				85/71	23.8	21.6	30.8	2.5	9.6
	9.0	4.6	2.0	75/63	20.7	19.7	27.5	2.4	8.6
				80/67	22.5	20.7	29.2	2.4	9.3
				85/71	24.3	21.8	31.0	2.4	10.1

GZ036 COOLING PERFORMANCE - FULL LOAD

GZ036 Cooling Performance – Full Load @ 1250 CFM									
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Cooling					
				Ent. Air db/wb,°F	Total kBtu/hr.	Sensible kBtu/hr.	Ht. Rej. kBtu/hr.	Unit kW	EER
50	4.5	1.5	0.7	75/63	38.5	29.5	44.9	2.1	18.5
				80/67	41.1	30.6	47.7	2.1	19.3
				85/71	43.8	31.8	50.6	2.2	20.1
	6.0	2.6	1.1	75/63	39.1	29.8	45.4	2.0	19.3
				80/67	41.9	30.9	48.3	2.1	20.1
				85/71	44.7	32.2	51.3	2.1	21.0
	9.0	5.4	2.3	75/63	39.7	30.1	45.8	2.0	19.9
				80/67	42.5	31.2	48.8	2.0	20.8
				85/71	45.4	32.0	52.0	2.1	21.7
60	4.5	1.5	0.6	75/63	36.9	28.8	43.7	2.2	16.6
				80/67	39.4	29.9	46.4	2.3	17.4
				85/71	42.1	31.0	49.2	2.3	18.2
	6.0	2.5	1.1	75/63	37.5	29.1	44.2	2.2	17.3
				80/67	40.2	30.2	46.9	2.2	18.2
				85/71	42.9	31.3	49.9	2.2	19.1
	9.0	5.2	2.2	75/63	38.1	29.4	44.6	2.1	18.0
				80/67	40.8	30.5	47.4	2.2	18.9
				85/71	43.6	31.6	50.4	2.2	19.8
70	4.5	2.4	1.1	75/63	35.3	28.1	42.6	2.4	14.7
				80/67	37.7	29.2	45.2	2.4	15.5
				85/71	40.2	30.4	47.8	2.5	16.3
	6.0	4.1	1.8	75/63	35.9	28.3	43.0	2.3	15.4
				80/67	38.4	29.5	45.6	2.4	16.2
				85/71	41.0	30.7	48.4	2.4	17.1
	9.0	8.5	3.7	75/63	36.5	28.6	43.4	2.3	16.1
				80/67	39.0	29.8	46.1	2.3	16.9
				85/71	41.7	30.9	49.0	2.3	17.9
80	4.5	2.4	1.0	75/63	33.6	27.3	41.5	2.6	12.9
				80/67	36.0	28.5	44.0	2.6	13.6
				85/71	38.4	29.6	46.6	2.7	14.4
	6.0	4.0	1.7	75/63	34.1	27.6	41.8	2.5	13.4
				80/67	36.6	28.8	44.4	2.6	14.3
				85/71	39.2	29.8	47.1	2.6	15.1
	9.0	8.3	3.6	75/63	34.8	27.9	42.2	2.5	14.1
				80/67	37.2	29.0	44.8	2.5	15.0
				85/71	39.9	30.1	47.6	2.5	15.9
85	4.5	1.4	0.6	75/63	32.7	27.0	41.0	2.7	12.0
				80/67	35.1	28.1	43.5	2.8	12.7
				85/71	37.5	29.2	46.0	2.8	13.4
	6.0	2.3	1.0	75/63	33.2	27.2	41.3	2.7	12.5
				80/67	35.7	28.4	43.8	2.7	13.3
				85/71	38.2	29.6	46.4	2.7	14.1
	9.0	4.8	2.1	75/63	33.9	27.5	41.7	2.6	13.2
				80/67	36.4	28.6	44.3	2.6	14.0
				85/71	38.9	29.9	46.9	2.6	14.9
90	4.5	1.4	0.6	75/63	31.9	26.6	40.5	2.9	11.2
				80/67	34.1	27.8	42.9	2.9	11.8
				85/71	36.5	29.0	45.4	2.9	12.5
	6.0	2.3	1.0	75/63	32.4	26.8	40.8	2.8	11.7
				80/67	34.8	27.9	43.3	2.8	12.4
				85/71	37.2	29.2	45.8	2.8	13.2
	9.0	4.8	2.1	75/63	33.0	27.1	41.2	2.7	12.3
				80/67	35.4	28.3	43.7	2.7	13.1
				85/71	37.9	29.5	46.3	2.7	13.9
100	4.5	1.3	0.6	75/63	30.2	25.7	39.7	3.1	9.6
				80/67	32.4	26.9	42.0	3.2	10.2
				85/71	34.7	28.2	44.4	3.2	10.8
	6.0	2.2	1.0	75/63	30.7	25.9	39.9	3.1	10.0
				80/67	32.9	27.2	42.3	3.1	10.7
				85/71	35.3	28.3	44.7	3.1	11.4
	9.0	4.6	2.0	75/63	31.3	26.2	40.2	3.0	10.6
				80/67	33.6	27.4	42.6	3.0	11.3
				85/71	36.0	28.7	45.1	3.0	12.0
110	4.5	1.3	0.6	75/63	28.5	24.9	38.9	3.5	8.2
				80/67	30.6	26.1	41.2	3.5	8.7
				85/71	32.8	27.3	43.5	3.5	9.3
	6.0	2.2	1.0	75/63	29.0	25.1	39.2	3.4	8.6
				80/67	31.2	26.4	41.4	3.4	9.2
				85/71	33.4	27.7	43.7	3.4	9.8
	9.0	4.6	2.0	75/63	29.5	25.4	39.4	3.3	9.0
				80/67	31.8	26.6	41.7	3.3	9.7
				85/71	34.1	28.0	44.1	3.3	10.4

GZ048 HEATING PERFORMANCE - PART LOAD

GZ048 Heating Performance – Part Load @ 1300 CFM								
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Heating				
				Ent. Air db,°F	Total KBtu/hr.	Ht. Abs. Btu/hr.	Unit kW	COP
30	6	3.0	1.3	60	26.9	20.8	2.2	3.6
				70	25.9	18.9	2.4	3.1
				80	25.4	17.5	2.7	2.7
	8	5.0	2.2	60	27.8	21.6	2.2	3.7
				70	26.7	19.7	2.5	3.2
				80	26.1	18.2	2.7	2.8
	12	10.5	4.5	60	28.7	22.5	2.2	3.8
				70	27.8	20.7	2.5	3.3
				80	26.8	18.9	2.7	2.9
40	6	2.9	1.3	60	30.6	24.3	2.2	4.0
				70	29.6	22.5	2.5	3.5
				80	28.9	20.9	2.7	3.1
	8	4.9	2.1	60	31.7	25.4	2.2	4.1
				70	30.6	23.5	2.5	3.6
				80	29.8	21.8	2.8	3.2
	12	10.1	4.4	60	32.9	26.6	2.2	4.3
				70	31.7	24.6	2.5	3.7
				80	30.8	22.8	2.8	3.3
50	6	2.6	1.1	60	35.4	29.1	2.3	4.6
				70	34.3	27.1	2.5	4.0
				80	33.3	25.1	2.8	3.5
	8	4.4	1.9	60	36.6	30.2	2.3	4.7
				70	35.5	28.2	2.5	4.1
				80	34.3	26.1	2.8	3.6
	12	9.1	4.0	60	38.1	31.7	2.3	4.9
				70	36.9	29.6	2.5	4.3
				80	35.5	27.3	2.8	3.7
60	6	2.5	1.1	60	40.0	33.7	2.3	5.2
				70	38.9	31.7	2.5	4.5
				80	37.8	29.6	2.8	3.9
	8	4.3	1.8	60	41.5	35.1	2.3	5.4
				70	40.3	33.0	2.5	4.7
				80	39.0	30.8	2.8	4.1
	12	8.8	3.8	60	43.2	36.8	2.3	5.6
				70	41.9	34.6	2.5	4.8
				80	40.4	32.2	2.8	4.2
70	6	2.5	1.1	60	44.9	38.4	2.3	5.8
				70	43.6	36.3	2.5	5.0
				80	42.4	34.1	2.8	4.4
	8	4.1	1.8	60	46.6	40.2	2.3	6.0
				70	45.3	38.0	2.6	5.2
				80	43.9	35.6	2.8	4.5
	12	8.6	3.7	60	48.6	42.1	2.3	6.2
				70	47.1	39.8	2.6	5.4
				80	45.6	37.3	2.8	4.7
80	6	2.4	1.0	60	49.9	43.4	2.3	6.4
				70	48.6	41.2	2.6	5.6
				80	47.2	38.9	2.9	4.9
	8	4.0	1.7	60	51.9	45.4	2.3	6.6
				70	50.5	43.1	2.6	5.8
				80	49.0	40.6	2.9	5.0
	12	8.3	3.6	60	54.2	47.7	2.3	6.9
				70	52.6	45.2	2.6	6.0
				80	51.0	42.6	2.9	5.2

GZ048 HEATING PERFORMANCE - FULL LOAD

GZ048 Heating Performance – Full Load @ 1500 CFM								
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Heating				
				Ent. Air db,°F	Total KBtu/hr.	Ht. Abs. Btu/hr.	Unit kW	COP
30	6	3.0	1.3	60	35.9	26.9	3.0	3.5
				70	35.4	25.3	3.3	3.1
				80	35.0	23.8	3.7	2.8
	8	5.0	2.2	60	37.3	28.2	3.1	3.6
				70	36.6	26.5	3.4	3.2
				80	36.3	24.9	3.7	2.9
	12	10.5	4.5	60	38.9	29.7	3.1	3.7
				70	38.1	27.9	3.4	3.3
				80	37.6	26.2	3.8	2.9
40	6	2.9	1.3	60	40.4	31.1	3.1	3.8
				70	40.1	29.7	3.4	3.4
				80	39.7	28.1	3.8	3.1
	8	4.9	2.1	60	42.4	32.9	3.2	3.9
				70	41.7	31.2	3.5	3.5
				80	41.2	29.5	3.8	3.2
	12	10.1	4.4	60	44.6	34.9	3.2	4.0
				70	43.6	32.9	3.5	3.6
				80	42.9	31.1	3.9	3.3
50	6	2.6	1.1	60	47.2	37.4	3.3	4.2
				70	46.4	35.5	3.6	3.8
				80	45.8	33.7	3.9	3.4
	8	4.4	1.9	60	49.4	39.4	3.3	4.3
				70	48.3	37.3	3.6	3.9
				80	47.6	35.4	4.0	3.5
	12	9.1	4.0	60	51.8	41.6	3.4	4.5
				70	50.6	39.4	3.7	4.0
				80	49.5	37.2	4.0	3.6
60	6	2.5	1.1	60	53.2	43.0	3.4	4.6
				70	52.2	40.9	3.7	4.1
				80	51.4	38.9	4.1	3.7
	8	4.3	1.8	60	55.7	45.3	3.5	4.7
				70	54.5	43.0	3.8	4.2
				80	53.5	40.9	4.1	3.8
	12	8.8	3.8	60	58.6	47.9	3.5	4.9
				70	57.1	45.5	3.8	4.4
				80	55.9	43.1	4.2	3.9
70	6	2.5	1.1	60	59.5	48.8	3.5	4.9
				70	58.3	46.5	3.9	4.4
				80	57.4	44.4	4.2	4.0
	8	4.1	1.8	60	62.4	51.5	3.6	5.1
				70	61.0	49.0	3.9	4.6
				80	59.8	46.6	4.3	4.1
	12	8.6	3.7	60	65.6	54.4	3.7	5.2
				70	64.0	51.8	4.0	4.7
				80	62.5	49.0	4.3	4.2
80	6	2.4	1.0	60	66.0	54.8	3.7	5.3
				70	64.6	52.3	4.0	4.7
				80	63.4	49.8	4.4	4.3
	8	4.0	1.7	60	69.2	57.8	3.7	5.4
				70	67.7	55.1	4.1	4.9
				80	66.1	52.3	4.4	4.4
	12	8.3	3.6	60	72.9	61.3	3.8	5.6
				70	71.0	58.2	4.2	5.0
				80	69.3	55.3	4.5	4.5

GZ048 COOLING PERFORMANCE - PART LOAD

GZ048 Cooling Performance – Part Load @ 1300 CFM									
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Cooling					
				Ent. Air db/wb,°F	Total kBtu/hr.	Sensible kBtu/hr.	Ht. Rej. kBtu/hr.	Unit kW	EER
50	6	2.6	1.1	75/63	39.2	30.3	44.4	1.7	22.5
				80/67	41.9	32.2	47.1	1.7	24.3
				85/71	44.7	33.5	49.8	1.7	26.4
	8	4.4	1.9	75/63	40.0	31.4	45.0	1.7	24.1
				80/67	42.8	32.7	47.7	1.6	26.2
				85/71	45.7	33.9	50.6	1.6	28.6
	12	9.1	4.0	75/63	40.9	31.7	45.7	1.6	25.9
				80/67	43.8	33.0	48.4	1.5	28.4
				85/71	46.9	34.1	51.5	1.5	31.2
60	6	2.5	1.1	75/63	37.1	29.4	42.9	2.0	19.0
				80/67	39.7	30.6	45.4	1.9	20.5
				85/71	42.5	32.5	48.2	1.9	22.2
	8	4.3	1.8	75/63	37.9	29.8	43.4	1.9	20.3
				80/67	40.6	31.8	46.1	1.8	22.0
				85/71	43.5	32.9	48.9	1.8	24.0
	12	8.8	3.8	75/63	38.7	30.1	44.0	1.8	21.7
				80/67	41.5	32.0	46.8	1.8	23.7
				85/71	44.5	33.3	49.7	1.7	25.9
70	6	2.5	1.1	75/63	35.0	28.5	41.4	2.2	16.0
				80/67	37.4	29.8	43.8	2.2	17.1
				85/71	40.1	31.0	46.5	2.2	18.6
	8	4.1	1.8	75/63	35.7	28.9	41.9	2.1	17.0
				80/67	38.2	30.1	44.4	2.1	18.3
				85/71	41.1	31.3	47.2	2.1	20.0
	12	8.6	3.7	75/63	36.5	29.1	42.5	2.0	18.1
				80/67	39.2	30.4	45.1	2.0	19.7
				85/71	42.1	32.4	47.9	2.0	21.5
80	6	2.4	1.0	75/63	32.8	27.6	40.0	2.4	13.4
				80/67	35.3	28.7	42.4	2.4	14.4
				85/71	37.8	30.1	44.9	2.4	15.6
	8	4.0	1.7	75/63	33.5	27.9	40.4	2.4	14.2
				80/67	36.0	29.0	42.9	2.4	15.3
				85/71	38.7	30.3	45.6	2.3	16.6
	12	8.3	3.6	75/63	34.2	28.2	40.9	2.3	15.0
				80/67	36.7	29.5	43.4	2.3	16.2
				85/71	39.5	30.8	46.1	2.2	17.8
85	6	2.3	1.0	75/63	31.8	27.0	39.4	2.6	12.3
				80/67	34.1	28.4	41.7	2.6	13.2
				85/71	36.7	29.5	44.3	2.6	14.3
	8	3.9	1.7	75/63	32.4	27.4	39.7	2.5	12.9
				80/67	34.8	28.6	42.1	2.5	13.9
				85/71	37.5	29.8	44.8	2.5	15.2
	12	8.1	3.5	75/63	33.1	27.7	40.1	2.4	13.7
				80/67	35.6	28.8	42.7	2.4	14.8
				85/71	38.3	30.1	45.3	2.4	16.2
90	6	2.3	1.0	75/63	30.7	26.5	38.7	2.7	11.2
				80/67	33.0	27.9	41.0	2.7	12.0
				85/71	35.4	29.2	43.5	2.7	13.0
	8	3.9	1.7	75/63	31.3	26.8	39.1	2.7	11.8
				80/67	33.7	28.2	41.4	2.6	12.7
				85/71	36.3	29.3	44.0	2.6	13.8
	12	8.0	3.5	75/63	32.0	27.1	39.5	2.6	12.5
				80/67	34.4	28.5	41.8	2.6	13.5
				85/71	37.1	29.7	44.5	2.5	14.7
100	6	2.2	1.0	75/63	28.5	25.6	37.4	3.1	9.3
				80/67	30.8	26.9	39.7	3.1	10.1
				85/71	33.2	28.3	42.1	3.0	10.9
	8	3.8	1.6	75/63	29.1	25.8	37.7	3.0	9.7
				80/67	31.5	27.1	40.1	3.0	10.6
				85/71	33.9	28.4	42.6	3.0	11.5
	12	7.8	3.4	75/63	29.7	26.0	38.1	2.9	10.2
				80/67	32.1	27.4	40.5	2.9	11.2
				85/71	34.6	28.9	42.9	2.8	12.1
110	6	2.2	0.9	75/63	26.3	24.6	36.2	3.4	7.7
				80/67	28.5	26.0	38.5	3.4	8.3
				85/71	30.9	27.4	40.8	3.4	9.1
	8	3.6	1.6	75/63	26.8	24.8	36.5	3.3	8.0
				80/67	29.1	26.3	38.8	3.3	8.8
				85/71	31.5	27.5	41.2	3.3	9.5
	12	7.6	3.3	75/63	27.4	25.1	36.8	3.3	8.4
				80/67	29.7	26.6	39.1	3.2	9.2
				85/71	32.2	27.9	41.5	3.2	10.0

GZ048 COOLING PERFORMANCE - FULL LOAD

GZ048 Cooling Performance – Full Load @ 1500 CFM									
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Cooling					
				Ent. Air db/wb,°F	Total kBtu/hr.	Sensible kBtu/hr.	Ht. Rej. kBtu/hr.	Unit kW	EER
50	6	2.6	1.1	75/63	39.2	30.3	44.4	1.7	22.5
				80/67	41.9	32.2	47.1	1.7	24.3
				85/71	44.7	33.5	49.8	1.7	26.4
	8	4.4	1.9	75/63	40.0	31.4	45.0	1.7	24.1
				80/67	42.8	32.7	47.7	1.6	26.2
				85/71	45.7	33.9	50.6	1.6	28.6
	12	9.1	4.0	75/63	40.9	31.7	45.7	1.6	25.9
				80/67	43.8	33.0	48.4	1.5	28.4
				85/71	46.9	34.1	51.5	1.5	31.2
60	6	2.5	1.1	75/63	37.1	29.4	42.9	2.0	19.0
				80/67	39.7	30.6	45.4	1.9	20.5
				85/71	42.5	32.5	48.2	1.9	22.2
	8	4.3	1.8	75/63	37.9	29.8	43.4	1.9	20.3
				80/67	40.6	31.8	46.1	1.8	22.0
				85/71	43.5	32.9	48.9	1.8	24.0
	12	8.8	3.8	75/63	38.7	30.1	44.0	1.8	21.7
				80/67	41.5	32.0	46.8	1.8	23.7
				85/71	44.5	33.3	49.7	1.7	25.9
70	6	2.5	1.1	75/63	35.0	28.5	41.4	2.2	16.0
				80/67	37.4	29.8	43.8	2.2	17.1
				85/71	40.1	31.0	46.5	2.2	18.6
	8	4.1	1.8	75/63	35.7	28.9	41.9	2.1	17.0
				80/67	38.2	30.1	44.4	2.1	18.3
				85/71	41.1	31.3	47.2	2.1	20.0
	12	8.6	3.7	75/63	36.5	29.1	42.5	2.0	18.1
				80/67	39.2	30.4	45.1	2.0	19.7
				85/71	42.1	32.4	47.9	2.0	21.5
80	6	2.4	1.0	75/63	32.8	27.6	40.0	2.4	13.4
				80/67	35.3	28.7	42.4	2.4	14.4
				85/71	37.8	30.1	44.9	2.4	15.6
	8	4.0	1.7	75/63	33.5	27.9	40.4	2.4	14.2
				80/67	36.0	29.0	42.9	2.4	15.3
				85/71	38.7	30.3	45.6	2.3	16.6
	12	8.3	3.6	75/63	34.2	28.2	40.9	2.3	15.0
				80/67	36.7	29.5	43.4	2.3	16.2
				85/71	39.5	30.8	46.1	2.2	17.8
85	6	2.3	1.0	75/63	31.8	27.0	39.4	2.6	12.3
				80/67	34.1	28.4	41.7	2.6	13.2
				85/71	36.7	29.5	44.3	2.6	14.3
	8	3.9	1.7	75/63	32.4	27.4	39.7	2.5	12.9
				80/67	34.8	28.6	42.1	2.5	13.9
				85/71	37.5	29.8	44.8	2.5	15.2
	12	8.1	3.5	75/63	33.1	27.7	40.1	2.4	13.7
				80/67	35.6	28.8	42.7	2.4	14.8
				85/71	38.3	30.1	45.3	2.4	16.2
90	6	2.3	1.0	75/63	30.7	26.5	38.7	2.7	11.2
				80/67	33.0	27.9	41.0	2.7	12.0
				85/71	35.4	29.2	43.5	2.7	13.0
	8	3.9	1.7	75/63	31.3	26.8	39.1	2.7	11.8
				80/67	33.7	28.2	41.4	2.6	12.7
				85/71	36.3	29.3	44.0	2.6	13.8
	12	8.0	3.5	75/63	32.0	27.1	39.5	2.6	12.5
				80/67	34.4	28.5	41.8	2.6	13.5
				85/71	37.1	29.7	44.5	2.5	14.7
100	6	2.2	1.0	75/63	28.5	25.6	37.4	3.1	9.3
				80/67	30.8	26.9	39.7	3.1	10.1
				85/71	33.2	28.3	42.1	3.0	10.9
	8	3.8	1.6	75/63	29.1	25.8	37.7	3.0	9.7
				80/67	31.5	27.1	40.1	3.0	10.6
				85/71	33.9	28.4	42.6	3.0	11.5
	12	7.8	3.4	75/63	29.7	26.0	38.1	2.9	10.2
				80/67	32.1	27.4	40.5	2.9	11.2
				85/71	34.6	28.9	42.9	2.8	12.1
110	6	2.2	0.9	75/63	26.3	24.6	36.2	3.4	7.7
				80/67	28.5	26.0	38.5	3.4	8.3
				85/71	30.9	27.4	40.8	3.4	9.1
	8	3.6	1.6	75/63	26.8	24.8	36.5	3.3	8.0
				80/67	29.1	26.3	38.8	3.3	8.8
				85/71	31.5	27.5	41.2	3.3	9.5
	12	7.6	3.3	75/63	27.4	25.1	36.8	3.3	8.4
				80/67	29.7	26.6	39.1	3.2	9.2
				85/71	32.2	27.9	41.5	3.2	10.0

GZ060 HEATING PERFORMANCE - PART LOAD

GZ060 Heating Performance – Part Load @ 1450 CFM								
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Heating				
				Ent. Air db,°F	Total KBtu/hr.	Ht. Abs. Btu/hr.	Unit kW	COP
30	7.5	3.2	1.4	60	33.0	25.2	2.8	3.5
				70	31.7	22.9	3.1	3.0
				80	31.0	21.0	3.4	2.7
	10	5.4	2.3	60	34.0	26.1	2.8	3.6
				70	32.7	23.8	3.1	3.1
				80	31.8	21.8	3.4	2.7
	15	11.1	4.8	60	35.1	27.2	2.8	3.7
				70	33.7	24.8	3.1	3.2
				80	32.7	22.7	3.4	2.8
40	7.5	3.1	1.3	60	37.3	29.4	2.8	3.9
				70	36.6	27.6	3.1	3.4
				80	35.4	25.3	3.5	3.0
	10	5.2	2.2	60	38.6	30.6	2.8	4.0
				70	37.7	28.7	3.1	3.5
				80	36.5	26.3	3.5	3.1
	15	10.7	4.7	60	40.1	32.1	2.8	4.1
				70	39.1	30.0	3.2	3.6
				80	37.9	27.7	3.5	3.2
50	7.5	2.8	1.2	60	43.5	35.4	2.9	4.4
				70	42.2	33.0	3.2	3.9
				80	41.0	30.6	3.5	3.4
	10	4.7	2.0	60	44.9	36.8	2.9	4.6
				70	43.5	34.3	3.2	4.0
				80	42.2	31.8	3.5	3.5
	15	9.7	4.2	60	46.5	38.4	2.9	4.7
				70	45.1	35.9	3.2	4.1
				80	43.6	33.2	3.5	3.6
60	7.5	2.7	1.2	60	48.9	40.8	2.9	5.0
				70	47.7	38.5	3.2	4.4
				80	46.4	35.9	3.6	3.8
	10	4.5	2.0	60	50.6	42.4	2.9	5.1
				70	49.1	39.9	3.2	4.5
				80	47.9	37.4	3.6	3.9
	15	9.4	4.1	60	52.5	44.3	2.9	5.3
				70	50.9	41.6	3.2	4.6
				80	49.7	39.2	3.6	4.1
70	7.5	2.6	1.1	60	54.6	46.4	2.9	5.5
				70	53.2	43.9	3.2	4.8
				80	52.1	41.6	3.6	4.3
	10	4.4	1.9	60	56.6	48.4	2.9	5.7
				70	55.0	45.7	3.2	5.0
				80	53.9	43.3	3.6	4.4
	15	9.1	3.9	60	58.8	50.6	2.9	5.9
				70	57.1	47.7	3.2	5.2
				80	55.7	45.1	3.6	4.5
80	7.5	2.5	1.1	60	60.5	52.3	2.9	6.1
				70	58.9	49.6	3.2	5.3
				80	57.8	47.1	3.6	4.7
	10	4.2	1.8	60	62.8	54.6	2.9	6.3
				70	61.1	51.7	3.3	5.5
				80	59.7	49.0	3.6	4.8
	15	8.8	3.8	60	65.4	57.1	2.9	6.6
				70	63.5	54.1	3.3	5.7
				80	62.0	51.3	3.6	5.0

GZ060 HEATING PERFORMANCE - FULL LOAD

GZ060 Heating Performance – Full Load @ 1700 CFM								
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Heating				
				Ent. Air db,°F	Total KBtu/hr.	Ht. Abs. Btu/hr.	Unit kW	COP
30	7.5	3.2	1.4	60	44.1	32.8	3.8	3.4
				70	43.6	31.0	4.2	3.1
				80	43.8	29.9	4.6	2.8
	10	5.4	2.3	60	45.9	34.5	3.8	3.5
				70	45.1	32.4	4.2	3.1
				80	45.3	31.2	4.6	2.9
	15	11.1	4.8	60	47.8	36.2	3.9	3.6
				70	46.8	34.0	4.3	3.2
				80	46.6	32.4	4.6	2.9
40	7.5	3.1	1.3	60	49.6	37.8	3.9	3.7
				70	49.2	36.2	4.3	3.3
				80	48.7	34.4	4.7	3.0
	10	5.2	2.2	60	51.9	40.0	4.0	3.8
				70	51.0	37.9	4.4	3.4
				80	50.4	35.9	4.7	3.1
	15	10.7	4.7	60	54.1	42.1	4.0	3.9
				70	53.4	40.1	4.4	3.6
				80	52.7	38.1	4.8	3.2
50	7.5	2.8	1.2	60	57.5	45.2	4.1	4.1
				70	56.8	43.2	4.5	3.7
				80	56.4	41.5	4.9	3.4
	10	4.7	2.0	60	59.8	47.3	4.2	4.2
				70	59.1	45.3	4.5	3.8
				80	58.8	43.7	4.9	3.5
	15	9.7	4.2	60	62.4	49.8	4.2	4.3
				70	61.3	47.3	4.6	3.9
				80	60.5	45.2	5.0	3.6
60	7.5	2.7	1.2	60	64.7	51.9	4.3	4.4
				70	63.7	49.5	4.6	4.0
				80	63.1	47.6	5.1	3.7
	10	4.5	2.0	60	67.4	54.3	4.3	4.6
				70	66.3	52.0	4.7	4.1
				80	65.4	49.7	5.1	3.7
	15	9.4	4.1	60	70.4	57.1	4.4	4.7
				70	69.1	54.5	4.8	4.2
				80	67.9	52.0	5.2	3.8
70	7.5	2.6	1.1	60	72.1	58.7	4.4	4.8
				70	71.0	56.3	4.8	4.3
				80	70.1	54.0	5.2	3.9
	10	4.4	1.9	60	75.3	61.6	4.5	4.9
				70	73.9	58.9	4.9	4.4
				80	72.8	56.4	5.3	4.0
	15	9.1	3.9	60	78.8	64.8	4.6	5.0
				70	77.1	61.9	5.0	4.5
				80	75.8	59.1	5.4	4.1
80	7.5	2.5	1.1	60	79.8	65.7	4.6	5.1
				70	78.4	63.1	5.0	4.6
				80	77.0	60.2	5.4	4.2
	10	4.2	1.8	60	83.4	69.0	4.7	5.2
				70	81.8	66.1	5.1	4.7
				80	80.4	63.3	5.5	4.3
	15	8.8	3.8	60	87.5	72.8	4.8	5.3
				70	85.6	69.5	5.2	4.8
				80	83.8	66.3	5.6	4.4

GZ060 COOLING PERFORMANCE - PART LOAD

GZ060 Cooling Performance – Part Load @ 1450 CFM									
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Cooling					
				Ent. Air db/wb,°F	Total kBtu/hr.	Sensible kBtu/hr.	Ht. Rej. kBtu/hr.	Unit kW	EER
50	7.5	2.8	1.2	75/63	49.1	37.0	55.9	1.9	26.3
				80/67	52.4	38.4	59.2	1.8	28.4
				85/71	56.0	39.5	62.7	1.8	30.8
	10	4.7	2.0	75/63	49.9	37.4	56.5	1.8	27.7
				80/67	53.3	38.8	59.8	1.8	30.0
				85/71	57.0	40.0	63.4	1.7	32.8
	15	9.7	4.2	75/63	50.7	37.7	57.1	1.7	29.2
				80/67	54.2	39.2	60.5	1.7	31.8
				85/71	58.0	40.4	64.2	1.7	34.9
60	7.5	2.7	1.2	75/63	46.5	35.8	54.1	2.1	22.2
				80/67	49.7	37.2	57.3	2.1	24.0
				85/71	53.1	38.6	60.6	2.1	25.9
	10	4.5	2.0	75/63	47.3	36.2	54.6	2.0	23.4
				80/67	50.6	37.6	57.9	2.0	25.3
				85/71	54.1	39.0	61.3	2.0	27.5
	15	9.4	4.1	75/63	48.0	36.5	55.1	2.0	24.5
				80/67	51.4	38.0	58.5	1.9	26.7
				85/71	55.1	39.4	62.0	1.9	29.2
70	7.5	2.6	1.1	75/63	43.9	34.6	52.4	2.4	18.7
				80/67	47.0	36.1	55.5	2.3	20.1
				85/71	50.3	37.4	58.7	2.3	21.7
	10	4.4	1.9	75/63	44.6	34.9	52.8	2.3	19.6
				80/67	47.8	36.4	56.0	2.3	21.2
				85/71	51.1	37.8	59.3	2.2	22.9
	15	9.1	3.9	75/63	45.3	35.2	53.3	2.2	20.4
				80/67	48.6	36.7	56.5	2.2	22.3
				85/71	52.1	38.2	59.9	2.1	24.3
80	7.5	2.5	1.1	75/63	41.2	33.3	50.7	2.6	15.6
				80/67	44.3	34.8	53.8	2.6	16.8
				85/71	47.4	36.3	56.8	2.6	18.1
	10	4.2	1.8	75/63	41.9	33.7	51.1	2.6	16.3
				80/67	45.0	35.1	54.2	2.6	17.6
				85/71	48.2	36.6	57.4	2.5	19.1
	15	8.8	3.8	75/63	42.5	33.9	51.5	2.5	16.9
				80/67	45.7	35.4	54.6	2.5	18.4
				85/71	49.0	36.9	57.9	2.4	20.0
85	7.5	2.5	1.1	75/63	39.9	32.7	49.9	2.8	14.2
				80/67	42.9	34.1	53.0	2.8	15.3
				85/71	45.9	35.7	56.0	2.8	16.5
	10	4.2	1.8	75/63	40.6	32.9	50.4	2.7	14.8
				80/67	43.6	34.4	53.4	2.7	16.1
				85/71	46.8	35.8	56.5	2.7	17.4
	15	8.7	3.8	75/63	41.1	33.2	50.6	2.7	15.4
				80/67	44.2	34.8	53.7	2.6	16.7
				85/71	47.6	36.1	57.0	2.6	18.2
90	7.5	2.5	1.1	75/63	38.6	31.9	49.2	3.0	13.0
				80/67	41.4	33.6	52.1	3.0	14.0
				85/71	44.5	34.9	55.2	3.0	15.1
	10	4.1	1.8	75/63	39.2	32.2	49.5	2.9	13.5
				80/67	42.2	33.7	52.5	2.9	14.6
				85/71	45.2	35.4	55.5	2.9	15.8
	15	8.5	3.7	75/63	39.6	32.6	49.8	2.8	13.9
				80/67	42.8	34.0	52.9	2.8	15.2
				85/71	45.9	35.7	55.9	2.8	16.5
100	7.5	2.4	1.0	75/63	35.7	30.7	47.7	3.4	10.6
				80/67	38.6	32.2	50.6	3.3	11.5
				85/71	41.6	33.7	53.6	3.3	12.5
	10	4.0	1.7	75/63	36.3	30.9	48.0	3.3	11.0
				80/67	39.2	32.6	50.8	3.3	12.0
				85/71	42.2	34.2	53.8	3.2	13.0
	15	8.3	3.6	75/63	36.6	31.6	48.0	3.2	11.4
				80/67	39.7	32.8	51.1	3.2	12.4
				85/71	42.9	34.4	54.2	3.2	13.6
110	7.5	2.3	1.0	75/63	32.9	29.3	46.3	3.8	8.7
				80/67	35.7	31.1	49.1	3.8	9.5
				85/71	38.7	32.6	52.1	3.7	10.3
	10	3.9	1.7	75/63	33.4	29.4	46.6	3.7	9.0
				80/67	36.3	31.2	49.4	3.7	9.8
				85/71	39.3	32.7	52.4	3.7	10.7
	15	8.0	3.5	75/63	33.6	30.2	46.5	3.6	9.2
				80/67	36.6	31.8	49.5	3.6	10.2
				85/71	39.6	32.4	52.6	3.6	10.9

GZ060 COOLING PERFORMANCE - FULL LOAD

GZ060 Cooling Performance – Full Load @ 1700 CFM									
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Cooling					
				Ent. Air db/wb,°F	Total kBtu/hr.	Sensible kBtu/hr.	Ht. Rej. kBtu/hr.	Unit kW	EER
50	6	2.6	1.1	75/63	50.4	37.0	58.9	2.7	18.3
				80/67	53.9	39.2	62.5	2.8	19.4
				85/71	57.4	40.5	66.1	2.8	20.5
	8	4.4	1.9	75/63	51.5	37.6	59.6	2.6	19.6
				80/67	55.1	39.7	63.4	2.7	20.8
				85/71	58.8	41.0	67.1	2.7	22.0
	12	9.1	4.0	75/63	52.7	38.1	60.4	2.5	21.0
				80/67	56.4	40.3	64.3	2.5	22.4
				85/71	60.3	41.6	68.2	2.5	23.8
60	6	2.5	1.1	75/63	48.3	36.1	57.4	3.0	16.2
				80/67	51.7	37.4	60.9	3.0	17.2
				85/71	55.1	39.5	64.5	3.0	18.1
	8	4.3	1.8	75/63	49.4	36.6	58.1	2.9	17.3
				80/67	53.0	38.6	61.8	2.9	18.4
				85/71	56.5	40.0	65.5	2.9	19.5
	12	8.8	3.8	75/63	50.5	37.1	58.9	2.7	18.4
				80/67	54.1	39.2	62.7	2.8	19.7
				85/71	57.9	40.5	66.5	2.8	21.0
70	6	2.5	1.1	75/63	46.1	35.1	56.0	3.2	14.2
				80/67	49.4	36.4	59.4	3.3	15.1
				85/71	52.8	37.5	63.0	3.3	16.0
	8	4.1	1.8	75/63	47.2	35.6	56.7	3.1	15.1
				80/67	50.6	36.8	60.2	3.1	16.1
				85/71	54.0	38.2	63.8	3.2	17.1
	12	8.6	3.7	75/63	48.2	36.0	57.4	3.0	16.1
				80/67	51.8	37.3	61.0	3.0	17.2
				85/71	55.4	39.7	64.7	3.0	18.4
80	6	2.4	1.0	75/63	44.0	34.0	54.7	3.5	12.4
				80/67	47.2	35.2	58.0	3.6	13.2
				85/71	50.3	36.7	61.3	3.6	14.0
	8	4.0	1.7	75/63	44.9	34.4	55.3	3.4	13.2
				80/67	48.3	35.7	58.7	3.4	14.1
				85/71	51.6	37.0	62.2	3.4	15.0
	12	8.3	3.6	75/63	45.9	34.9	55.9	3.3	14.0
				80/67	49.4	36.2	59.4	3.3	15.0
				85/71	52.8	37.7	62.9	3.3	16.0
85	6	2.3	1.0	75/63	42.8	33.5	54.1	3.7	11.6
				80/67	46.0	34.7	57.3	3.7	12.3
				85/71	49.0	36.4	60.5	3.8	13.0
	8	3.9	1.7	75/63	43.8	33.9	54.6	3.6	12.3
				80/67	47.0	35.2	58.0	3.6	13.1
				85/71	50.2	36.7	61.3	3.6	13.9
	12	8.1	3.5	75/63	44.8	34.3	55.2	3.4	13.1
				80/67	48.1	35.7	58.6	3.4	14.0
				85/71	51.5	37.2	62.1	3.5	14.9
90	6	2.3	1.0	75/63	41.7	32.9	53.5	3.9	10.8
				80/67	44.7	34.4	56.6	3.9	11.4
				85/71	47.7	35.8	59.8	4.0	12.1
	8	3.9	1.7	75/63	42.6	33.3	54.0	3.7	11.4
				80/67	45.7	34.9	57.1	3.8	12.2
				85/71	48.9	36.3	60.4	3.8	12.9
	12	8.0	3.5	75/63	43.6	33.7	54.5	3.6	12.1
				80/67	46.8	35.3	57.8	3.6	13.0
				85/71	50.1	36.7	61.2	3.6	13.8
100	6	2.2	1.0	75/63	39.3	32.0	52.2	4.3	9.2
				80/67	42.2	33.4	55.3	4.3	9.8
				85/71	45.2	34.5	58.5	4.4	10.4
	8	3.8	1.6	75/63	40.2	32.4	52.6	4.1	9.7
				80/67	43.2	33.8	55.8	4.1	10.4
				85/71	46.3	35.0	59.1	4.2	11.1
	12	7.8	3.4	75/63	41.1	32.8	53.1	4.0	10.3
				80/67	44.2	34.3	56.3	4.0	11.1
				85/71	47.4	35.7	59.6	4.0	11.8
110	6	2.2	0.9	75/63	37.0	31.0	51.2	4.7	7.8
				80/67	39.7	32.2	54.2	4.8	8.3
				85/71	42.4	33.9	57.1	4.8	8.8
	8	3.6	1.6	75/63	37.7	31.3	51.5	4.6	8.2
				80/67	40.5	32.8	54.5	4.6	8.8
				85/71	43.5	34.0	57.7	4.7	9.4
	12	7.6	3.3	75/63	38.6	31.5	51.9	4.4	8.7
				80/67	41.6	32.9	55.0	4.4	9.4
				85/71	44.5	34.6	58.1	4.5	10.0

GZ072 HEATING PERFORMANCE - PART LOAD

GZ072 Heating Performance – Part Load @ 1600 CFM								
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Heating				
				Ent. Air db,°F	Total KBtu/hr.	Ht. Abs. Btu/hr.	Unit kW	COP
30	9	2.4	1.0	60	38.8	29.1	3.4	3.3
				70	38.5	27.6	3.8	3.0
				80	33.9	22.0	4.1	2.4
	12	4.0	1.7	60	40.1	30.4	3.4	3.4
				70	39.3	28.4	3.8	3.1
				80	39.1	26.8	4.2	2.7
	18	8.4	3.6	60	41.2	31.5	3.4	3.5
				70	40.1	29.2	3.8	3.1
				80	39.7	27.4	4.2	2.8
40	9	2.3	1.0	60	44.1	34.3	3.5	3.7
				70	43.3	32.2	3.8	3.3
				80	42.8	30.3	4.2	3.0
	12	3.9	1.7	60	45.5	35.6	3.5	3.8
				70	44.6	33.4	3.8	3.4
				80	43.9	31.4	4.3	3.0
	18	8.1	3.5	60	47.0	37.1	3.5	4.0
				70	45.8	34.6	3.9	3.5
				80	45.8	33.2	4.3	3.1
50	9	2.1	0.9	60	51.0	41.0	3.5	4.2
				70	50.3	38.9	3.9	3.8
				80	50.1	37.2	4.4	3.4
	12	3.5	1.5	60	52.6	42.5	3.5	4.4
				70	52.3	40.9	3.9	3.9
				80	46.5	34.2	4.2	3.2
	18	7.3	3.2	60	54.7	44.5	3.6	4.5
				70	52.8	41.4	3.9	3.9
				80	52.2	39.2	4.4	3.5
60	9	2.0	0.9	60	57.6	47.4	3.6	4.7
				70	56.7	45.1	4.0	4.2
				80	56.5	43.4	4.4	3.8
	12	3.4	1.5	60	59.5	49.3	3.6	4.9
				70	58.5	46.8	4.0	4.3
				80	57.9	44.8	4.4	3.8
	18	7.1	3.1	60	61.8	51.5	3.6	5.0
				70	59.8	48.1	4.0	4.4
				80	54.9	42.2	4.3	3.7
70	9	2.0	0.9	60	64.6	54.2	3.6	5.2
				70	63.8	52.0	4.0	4.6
				80	63.4	50.1	4.5	4.1
	12	3.3	1.4	60	66.8	56.4	3.7	5.4
				70	67.1	55.2	4.1	4.8
				80	65.5	52.0	4.5	4.2
	18	6.9	3.0	60	69.2	58.6	3.7	5.5
				70	68.4	56.5	4.1	4.9
				80	61.7	48.7	4.4	4.1
80	9	1.9	0.8	60	71.8	61.1	3.7	5.7
				70	71.5	59.4	4.1	5.1
				80	70.2	56.6	4.6	4.5
	12	3.2	1.4	60	74.5	63.8	3.7	5.9
				70	74.1	61.9	4.2	5.2
				80	73.0	59.3	4.6	4.6
	18	6.6	2.9	60	78.1	67.3	3.8	6.1
				70	76.5	64.2	4.2	5.4
				80	68.9	55.6	4.5	4.5

GZ072 HEATING PERFORMANCE - FULL LOAD

GZ072 Heating Performance – Full Load @ 1925 CFM								
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Heating				
				Ent. Air db,°F	Total KBtu/hr.	Ht. Abs. Btu/hr.	Unit kW	COP
30	9	2.4	1.0	60	50.5	36.7	4.6	3.2
				70	50.5	35.2	5.1	2.9
				80	49.6	32.6	5.6	2.6
	12	4.0	1.7	60	52.6	38.6	4.7	3.3
				70	51.4	36.0	5.1	2.9
				80	51.3	34.2	5.6	2.7
	18	8.4	3.6	60	54.3	40.1	4.7	3.4
				70	53.8	38.1	5.2	3.0
				80	53.5	36.2	5.7	2.8
40	9	2.3	1.0	60	57.3	42.9	4.8	3.5
				70	56.5	40.6	5.2	3.2
				80	56.0	38.4	5.7	2.9
	12	3.9	1.7	60	59.6	45.0	4.9	3.6
				70	58.6	42.5	5.3	3.2
				80	58.8	41.1	5.8	3.0
	18	8.1	3.5	60	62.0	47.3	4.9	3.7
				70	60.7	44.5	5.3	3.3
				80	59.7	41.8	5.8	3.0
50	9	2.1	0.9	60	66.5	51.4	5.0	3.9
				70	66.3	49.7	5.5	3.6
				80	66.0	47.7	6.0	3.2
	12	3.5	1.5	60	68.8	53.6	5.1	4.0
				70	68.4	51.6	5.5	3.6
				80	66.3	47.9	6.0	3.3
	18	7.3	3.2	60	66.2	51.2	5.0	3.9
				70	70.1	53.1	5.5	3.7
				80	69.3	50.6	6.0	3.4
60	9	2.0	0.9	60	74.8	59.1	5.2	4.2
				70	73.5	56.3	5.6	3.8
				80	73.2	54.2	6.2	3.5
	12	3.4	1.5	60	77.3	61.4	5.3	4.3
				70	77.3	59.8	5.7	4.0
				80	75.7	56.5	6.2	3.6
	18	7.1	3.1	60	80.6	64.4	5.3	4.4
				70	78.4	60.7	5.8	4.0
				80	77.5	58.1	6.3	3.6
70	9	2.0	0.9	60	82.9	66.6	5.4	4.5
				70	83.9	65.8	5.9	4.2
				80	82.1	62.1	6.4	3.7
	12	3.3	1.4	60	88.8	72.0	5.5	4.7
				70	86.7	68.4	6.0	4.3
				80	85.1	65.1	6.4	3.9
	18	6.9	3.0	60	84.2	67.8	5.4	4.6
				70	89.0	70.5	6.0	4.3
				80	86.4	66.3	6.5	3.9
80	9	1.9	0.8	60	91.9	74.9	5.6	4.8
				70	92.6	73.7	6.1	4.4
				80	91.5	71.0	6.6	4.1
	12	3.2	1.4	60	97.8	80.2	5.7	5.0
				70	96.0	76.9	6.2	4.5
				80	94.5	73.7	6.7	4.1
	18	6.6	2.9	60	101.7	83.8	5.8	5.1
				70	99.0	79.6	6.3	4.6
				80	96.3	75.3	6.7	4.2

GZ072 COOLING PERFORMANCE - PART LOAD

GZ072 Cooling Performance – Part Load @ 1600 CFM									
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Cooling					
				Ent. Air db/wb,°F	Total kBtu/hr.	Sensible kBtu/hr.	Ht. Rej. kBtu/hr.	Unit kW	EER
50	9	2.1	0.9	75/63	56.9	42.6	65.9	2.6	22.1
				80/67	60.9	44.0	69.9	2.6	23.7
				85/71	65.1	45.2	74.1	2.6	25.4
	12	3.5	1.5	75/63	57.9	42.9	66.5	2.5	23.4
				80/67	62.0	44.4	70.6	2.5	25.3
				85/71	66.2	45.7	74.8	2.4	27.2
	18	7.3	3.2	75/63	58.8	43.3	67.1	2.4	24.8
				80/67	63.0	44.8	71.3	2.3	26.9
				85/71	67.4	46.1	75.6	2.3	29.2
60	9	2.0	0.9	75/63	54.5	41.3	64.5	2.9	18.9
				80/67	58.3	42.8	68.4	2.9	20.3
				85/71	62.3	44.2	72.4	2.9	21.7
	12	3.4	1.5	75/63	55.4	41.8	65.0	2.8	20.0
				80/67	59.3	43.2	69.0	2.8	21.5
				85/71	63.5	44.6	73.1	2.7	23.2
	18	7.1	3.1	75/63	56.2	42.1	65.5	2.7	21.1
				80/67	60.3	43.6	69.6	2.6	22.9
				85/71	64.5	45.2	73.7	2.6	24.7
70	9	2.0	0.9	75/63	51.9	40.2	63.1	3.2	16.1
				80/67	55.6	41.9	66.8	3.2	17.3
				85/71	59.5	43.2	70.8	3.2	18.5
	12	3.3	1.4	75/63	52.8	40.5	63.5	3.1	17.0
				80/67	56.5	42.3	67.3	3.1	18.2
				85/71	60.5	43.8	71.3	3.1	19.6
	18	6.9	3.0	75/63	53.5	40.8	64.0	3.0	17.8
				80/67	57.4	42.6	67.8	3.0	19.3
				85/71	61.6	43.9	72.0	3.0	20.8
80	9	1.9	0.8	75/63	49.2	39.2	61.7	3.6	13.6
				80/67	52.8	40.8	65.4	3.6	14.6
				85/71	56.5	42.4	69.2	3.6	15.6
	12	3.2	1.4	75/63	50.0	39.6	62.1	3.5	14.3
				80/67	53.7	41.2	65.8	3.5	15.4
				85/71	57.6	42.5	69.8	3.5	16.5
	18	6.6	2.9	75/63	50.7	39.9	62.4	3.4	15.0
				80/67	54.5	41.5	66.2	3.4	16.2
				85/71	58.6	42.8	70.3	3.4	17.5
85	9	1.9	0.8	75/63	48.0	38.5	61.2	3.8	12.5
				80/67	51.5	40.1	64.8	3.8	13.4
				85/71	55.2	41.6	68.5	3.8	14.4
	12	3.1	1.4	75/63	48.7	38.8	61.5	3.7	13.1
				80/67	52.4	40.4	65.2	3.7	14.1
				85/71	56.0	42.2	68.9	3.7	15.1
	18	6.5	2.8	75/63	49.4	39.1	61.8	3.6	13.7
				80/67	53.1	40.7	65.6	3.6	14.8
				85/71	56.9	42.6	69.3	3.6	16.0
90	9	1.8	0.8	75/63	46.6	37.9	60.6	4.1	11.5
				80/67	50.0	39.8	64.0	4.1	12.3
				85/71	53.6	41.3	67.7	4.1	13.2
	12	3.1	1.3	75/63	47.2	38.4	60.8	3.9	12.0
				80/67	50.8	40.1	64.4	3.9	12.9
				85/71	54.6	41.4	68.2	3.9	13.9
	18	6.4	2.8	75/63	47.9	38.7	61.1	3.8	12.5
				80/67	51.6	40.4	64.8	3.8	13.5
				85/71	55.4	42.0	68.6	3.8	14.6
100	9	1.8	0.8	75/63	43.8	36.8	59.5	4.6	9.6
				80/67	47.2	38.4	63.0	4.6	10.3
				85/71	50.6	40.0	66.5	4.6	11.0
	12	3.0	1.3	75/63	44.4	37.1	59.7	4.4	10.0
				80/67	47.9	38.7	63.2	4.4	10.8
				85/71	51.4	40.6	66.7	4.4	11.6
	18	6.2	2.7	75/63	45.0	37.3	60.0	4.3	10.4
				80/67	48.6	39.0	63.5	4.3	11.2
				85/71	52.2	40.9	67.1	4.3	12.1
110	9	1.7	0.8	75/63	41.0	35.6	58.6	5.1	8.0
				80/67	44.2	37.3	62.0	5.2	8.6
				85/71	47.6	38.9	65.4	5.1	9.3
	12	2.9	1.3	75/63	41.4	36.1	58.7	5.0	8.2
				80/67	44.8	37.8	62.1	5.0	8.9
				85/71	48.2	39.6	65.5	5.0	9.6
	18	6.1	2.6	75/63	42.0	36.0	58.9	4.9	8.5
				80/67	45.4	38.0	62.3	4.9	9.3
				85/71	49.0	39.6	65.9	4.9	10.0

GZ072 COOLING PERFORMANCE - FULL LOAD

GZ072 Cooling Performance – Full Load @ 1925 CFM									
Entering Water °F	Water flow GPM	Pressure Drop Ft. Water	Pressure Drop PSI	Cooling					
				Ent. Air db/wb,°F	Total kBtu/hr.	Sensible kBtu/hr.	Ht. Rej. kBtu/hr.	Unit kW	EER
50	9	2.1	0.9	75/63	71.3	53.7	84.2	3.9	18.3
				80/67	76.1	55.7	89.2	4.0	19.1
				85/71	81.1	57.5	94.5	4.1	20.0
	12	3.5	1.5	75/63	72.6	54.1	85.1	3.8	19.3
				80/67	77.5	56.2	90.2	3.8	20.2
				85/71	82.7	58.1	95.6	3.9	21.2
	18	7.3	3.2	75/63	73.9	54.7	85.8	3.6	20.3
				80/67	79.1	56.5	91.3	3.7	21.4
				85/71	84.3	58.6	96.7	3.7	22.5
60	9	2.0	0.9	75/63	68.5	52.6	82.3	4.2	16.2
				80/67	73.2	54.5	87.3	4.3	17.0
				85/71	78.0	56.4	92.4	4.4	17.9
	12	3.4	1.5	75/63	69.7	53.1	83.1	4.1	17.0
				80/67	74.5	55.0	88.2	4.1	18.0
				85/71	79.5	56.9	93.4	4.2	18.9
	18	7.1	3.1	75/63	70.8	53.6	83.8	4.0	17.9
				80/67	75.9	55.6	89.1	4.0	18.9
				85/71	81.0	57.5	94.5	4.1	20.0
70	9	2.0	0.9	75/63	65.6	51.4	80.6	4.6	14.3
				80/67	70.1	53.3	85.4	4.6	15.1
				85/71	74.9	55.0	90.4	4.7	15.9
	12	3.3	1.4	75/63	66.7	51.9	81.3	4.4	15.0
				80/67	71.4	53.7	86.2	4.5	15.9
				85/71	76.3	55.4	91.3	4.6	16.7
	18	6.9	3.0	75/63	67.8	52.3	81.9	4.3	15.7
				80/67	72.7	54.2	87.0	4.4	16.7
				85/71	77.8	55.9	92.3	4.4	17.7
80	9	1.9	0.8	75/63	62.7	50.2	78.9	5.0	12.6
				80/67	67.1	51.9	83.6	5.1	13.3
				85/71	71.4	54.1	88.1	5.1	14.0
	12	3.2	1.4	75/63	63.7	50.6	79.5	4.8	13.2
				80/67	68.3	52.3	84.3	4.9	13.9
				85/71	72.8	54.4	89.1	4.9	14.7
	18	6.6	2.9	75/63	64.7	50.9	80.1	4.7	13.7
				80/67	69.5	52.7	85.0	4.7	14.6
				85/71	74.3	54.5	90.0	4.8	15.5
85	9	1.9	0.8	75/63	61.2	49.5	78.1	5.2	11.7
				80/67	65.5	51.1	82.7	5.3	12.4
				85/71	69.9	53.0	87.3	5.3	13.1
	12	3.1	1.4	75/63	62.2	49.8	78.6	5.1	12.3
				80/67	66.7	51.5	83.4	5.1	13.0
				85/71	71.0	53.9	87.9	5.2	13.8
	18	6.5	2.8	75/63	63.1	50.2	79.2	4.9	12.8
				80/67	67.7	52.3	83.9	5.0	13.6
				85/71	72.4	54.3	88.8	5.0	14.5
90	9	1.8	0.8	75/63	59.7	48.7	77.3	5.4	11.0
				80/67	63.7	50.8	81.7	5.5	11.6
				85/71	68.2	52.4	86.4	5.6	12.3
	12	3.1	1.3	75/63	60.6	49.0	77.9	5.3	11.4
				80/67	64.9	51.2	82.3	5.3	12.1
				85/71	69.4	52.9	87.1	5.4	12.8
	18	6.4	2.8	75/63	61.6	49.4	78.3	5.2	11.9
				80/67	65.9	51.6	82.9	5.2	12.7
				85/71	70.6	53.3	87.8	5.2	13.5
100	9	1.8	0.8	75/63	56.5	47.2	75.9	6.0	9.4
				80/67	60.5	49.6	80.1	6.0	10.0
				85/71	64.8	51.2	84.6	6.1	10.7
	12	3.0	1.3	75/63	57.4	47.6	76.3	5.8	9.8
				80/67	61.5	50.0	80.6	5.9	10.5
				85/71	66.0	51.6	85.2	5.9	11.2
	18	6.2	2.7	75/63	58.1	48.3	76.6	5.7	10.2
				80/67	62.5	50.3	81.0	5.7	10.9
				85/71	66.9	52.4	85.6	5.7	11.7
110	9	1.7	0.8	75/63	53.4	46.3	74.7	6.6	8.1
				80/67	57.4	48.0	78.9	6.6	8.7
				85/71	61.3	50.4	82.9	6.6	9.2
	12	2.9	1.3	75/63	54.2	46.3	75.1	6.4	8.4
				80/67	58.3	48.3	79.2	6.4	9.0
				85/71	62.4	50.4	83.5	6.5	9.6
	18	6.1	2.6	75/63	54.9	46.4	75.4	6.3	8.7
				80/67	59.0	49.2	79.4	6.3	9.4
				85/71	63.3	50.6	84.0	6.3	10.0

ANTI-FREEZE CORRECTION TABLE

Antifreeze Type	Antifreeze % volume	Cooling			Heating		WPD Correction Factor EWT 30°F
		EWT 90°F			EWT 30°F		
		Total Cap.	Sens. Cap	Power	Htg. Cap	Power	
Water	0	1.000	1.000	1.000	1.000	1.000	1.000
Propylene Glycol	5	0.997	0.997	1.004	0.989	0.997	1.060
	10	0.994	0.994	1.006	0.986	0.995	1.125
	15	0.990	0.990	1.009	0.978	0.988	1.190
	25	0.983	0.983	1.016	0.960	0.979	1.300
Methanol	5	0.997	0.997	1.003	0.990	0.997	1.060
	10	0.996	0.996	1.005	0.979	0.993	1.100
	15	0.994	0.994	1.008	0.970	0.990	1.140
Ethanol	5	0.998	0.998	1.002	0.981	0.994	1.160
	10	0.996	0.996	1.004	0.960	0.988	1.230
	15	0.992	0.992	1.006	0.944	0.983	1.280
	25	0.986	0.986	1.009	0.917	0.974	1.400