

GW*WA**

Water-to-Water Geothermal Heat Pump

Sizes 024, 036, 048, 060, 120



Product Data



Features & Benefits

Energy Efficiency

- 3.20 COP, 16.1 - 21.5 EER (Closed Loop)
- 3.70 - 4.30 COP, 21.0 - 29.5 EER (Open Loop)
- Optional supplemental domestic water heating

Comfort

- Two-stage scroll compressor

Control

- Microprocessor control
- Units equipped with A2L dissipation sensor and dissipation control features

Sound

- Fully insulated cabinet with fiberglass
- Compressor blanket

Reliability, Quality and Durability

- Non-ozone depleting, low global warming potential Puron Advance™ refrigerant
- Computerized run-tested

Flexibility and Installation

- Unit designed for variety of hydronic applications

Model Number Nomenclature

	1-2	3-4-5	6	7	8	9	10	11	12	13	14	15	16	
	GW	024	W	A	X	D	D	X	X	1	D	X	1	
Tier GWGeothermal Performance®Quiet Comfort														Series 1 = Initial
Size (BTU) 024 036 048 060 072 120														Future Use X
Unit Type W = Water-to-Water Heat Pump														Dissipation System D= With Dissipation X= W/O Dissipation
Refrigerant A = R-454B (Puron Advance™)														Voltage 1= 208-230/60/1
Future Use X = None														Air Coil X = No Air Coil
														Future Use x - None
														Hot Water Option D= with Desuperheater X= without Desuperheater
														Coax Options D = Copper G = Cupro-Nickel

Puron
ADVANCE™



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
Quality



Accessories

Factory Installed Options

- **Cupro-nickel Coil** - Recommended in conditions anticipating moderate scale formation or in brackish water (available on source side).
- **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 many 2 stage heat, 2 stage cool
- heat pump thermostats
- **Flow Centers, hose kits, mounting pads, etc** - see Geothermal accessories catalog.

AHRI Ratings

Models	Load	GPM	Water Loop Heat Pump				Ground Water Heat Pump				Ground Loop Heat Pump			
			Cooling 86 deg.F		Heating 68 deg.F		Cooling 59 deg.F		Heating 50 deg.F		Cooling 68 deg.F		Heating 41 deg.F	
			Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP	Capacity Btuh	EER Btuh/W	Capacity Btuh	COP
GW024	Full	8	22600	15.8	31400	5.09	24400	24.4	25600	4.25	23600	18.7	19800	3.26
	Part		16500	17.0	22800	5.48	18100	29.2	17900	4.05	17900	25.0	15800	3.46
GW036	Full	9	32400	14.5	45000	4.80	34600	21.5	37200	3.96	33000	16.5	28800	3.16
	Part		22400	14.7	31600	4.90	25000	24.9	25600	3.86	24600	21.2	22200	3.26
GW048	Full	12	41000	14.5	59000	4.99	44000	21.5	50000	4.25	42500	16.9	39500	3.46
	Part		30000	14.7	42500	5.09	33000	24.4	35200	4.05	32200	20.8	30400	3.46
GW060	Full	13	49000	13.6	72000	4.70	55000	20.7	59500	3.96	51500	15.9	47500	3.16
	Part		35600	13.8	53000	4.90	40000	23.3	43000	3.86	38500	19.7	37800	3.26
GW120	Full	30	107000	14.4	142000	4.60	121000	21.6	120000	3.86	113000	16.7	99000	3.26
	Part		78000	14.7	103000	4.60	87000	24.2	85000	3.66	85000	20.6	77000	3.26

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.

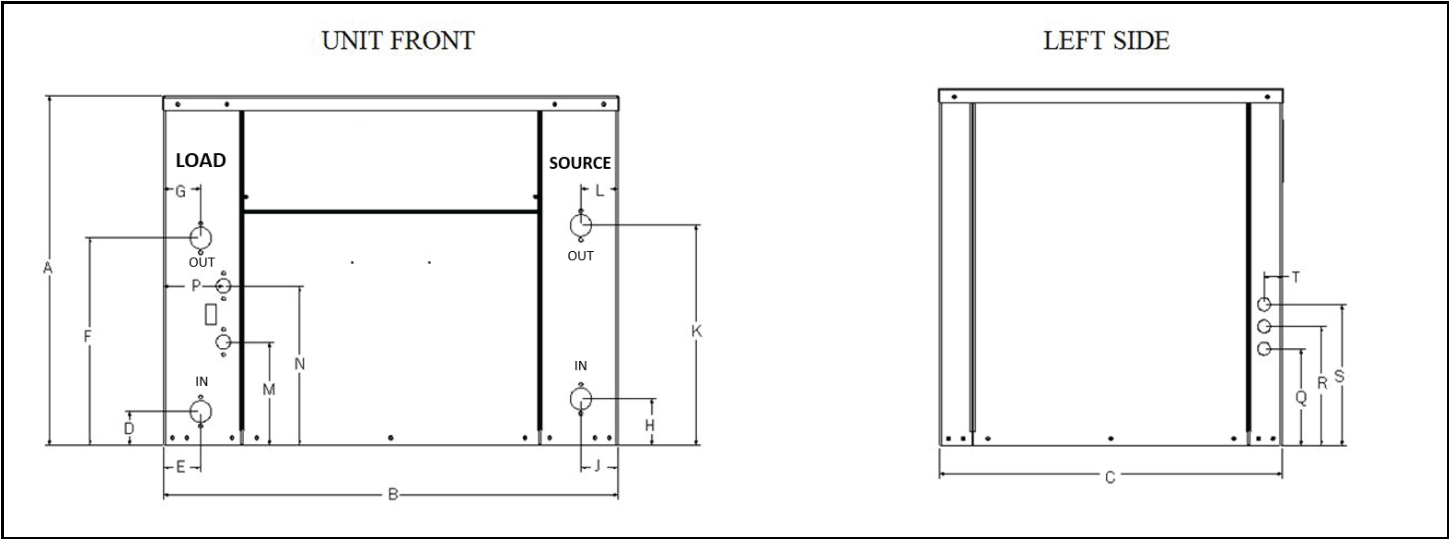
Physical Data

Description	GW024	GW036	GW048	GW060	GW120
Compressor Type (Qty)	Scroll (1)	Scroll (1)	Scroll (1)	Scroll (1)	Scroll (2)
Refrigeration Charge (oz)	49	46	70	66	142
Max Water Working Pressure (PSIG/kPa)	450/3100	450/3100	450/3100	450/3100	450/3100
Load - Water Connection Size					
FPT	3/4"	3/4"	1.0"	1.0"	1-1/4"
Coaxial Coil Volume (gal)	0.47	0.64	1.00	1.00	2.06
Source - Water Connection Size					
FPT	3/4"	3/4"	1.0"	1.0"	1-1/4"
Coaxial Coil Volume (gal)	0.47	0.64	1.00	1.00	2.06
Cabinet					
Weight - Operating (lbs)	290	290	270	300	660
Weight - Shipping (lbs)	310	310	290	320	680

Electrical data

Model Size	Voltage Code	Rated Voltage	Voltage Min/Max	Compressor					
				QTY	RLA	LRA	Min Circuit Amps	MOP Calculation	Max Fuse/HACR
024	1	208-230/60/1	197/253	1	10.3	62.0	12.8	23.1	20
036	1	208-230/60/1	197/253	1	14.6	90.0	18.2	32.7	30
048	1	208-230/60/1	197/253	1	18.3	138.0	22.9	41.3	40
060	1	208-230/60/1	197/253	1	25.2	147.3	31.5	56.7	50
120	1	208-230/60/1	197/253	2	25.2	147.3	56.7	81.9	80

DIMENSIONS

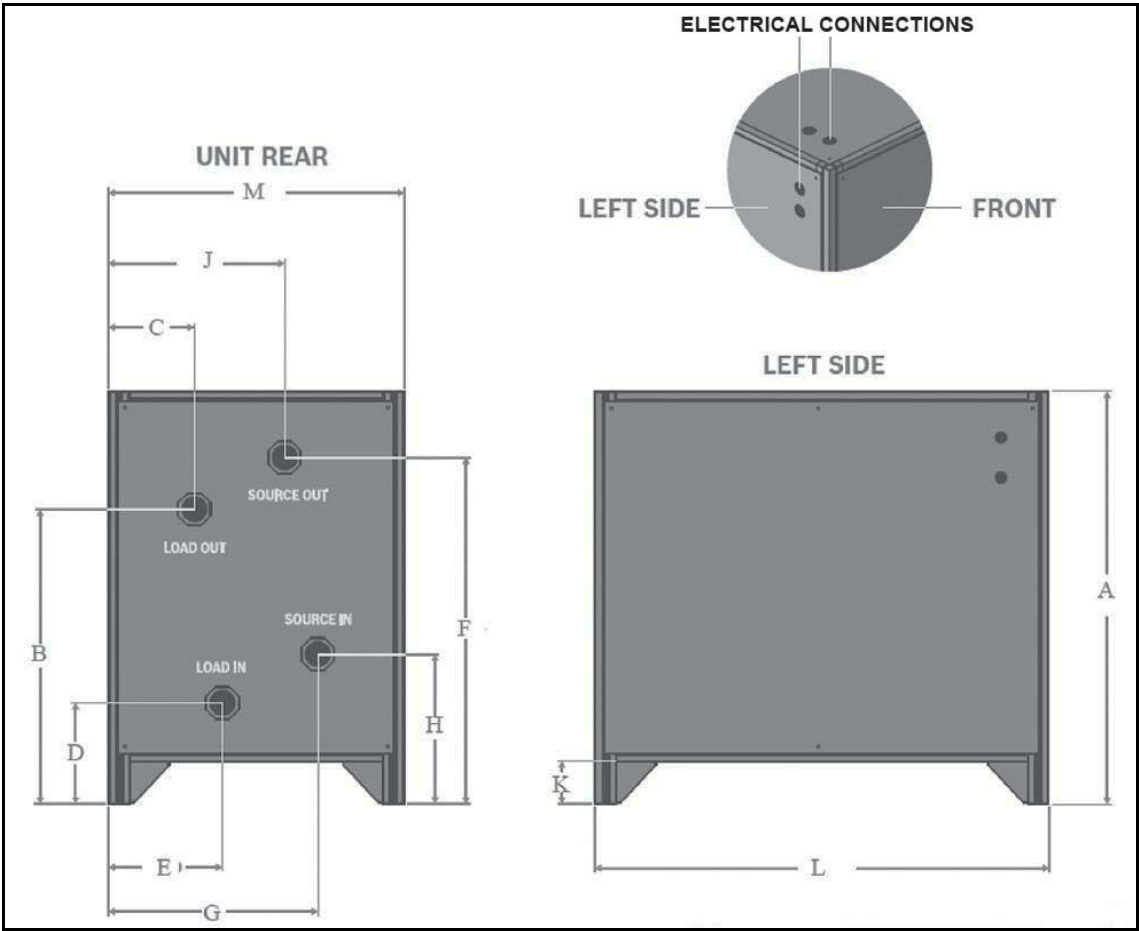


MODEL SIZE	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	WATER CONN	HRP CONN
	Height	Width	Depth																	
024	24	32.5	24	2.30	2.55	14.30	2.65	3.80	2.67	15.80	2.67	7.24	11.12	4.31	5.80	8.05	10.3	1.25	3/4 FPT	1/2 FPT
036	24	32.5	24	2.30	2.55	14.30	2.65	3.80	2.67	15.80	2.67	7.24	11.12	4.31	5.80	8.05	10.3	1.25	3/4 FPT	1/2 FPT
048	24	32.5	24	2.90	2.19	16.90	2.19	3.12	2.17	17.12	2.17	7.24	11.12	4.31	5.80	8.05	10.3	1.25	1 FPT	1/2 FPT
060	24	32.5	24	2.90	2.19	16.90	2.19	3.10	2.17	17.10	2.17	7.24	11.12	4.31	5.80	8.05	10.3	1.25	1 FPT	1/2 FPT

NOTES: All dimensions within +/- 0.125"

Specifications subject to change without notice.

DIMENSIONS cont.



MODEL SIZE	A	B	C	D	E	F	G	H	J	K	L	M	WATER CONN.
120	37.75	27.25	8.13	8.00	10.63	32.75	20.13	13.50	17.63	3.75	46.00	28.00	1-1/4" PPT

NOTES: All dimensions within +/- 0.125"
Specifications subject to change without notice.

Cooling Performance - Part Load

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW024 Cooling Performance - PART LOAD - 4 GPM									
50	4	0.4	50						
		0.5	60						
		0.6	70	22.3	0.5	23.7	58.8	45.5	1.4
		0.8	80	25.5	0.5	26.9	67.2	52.1	1.5
		1	90	28.8	0.5	30.1	75.6	59.4	1.6
	6	0.4	50						
		0.5	60						
		0.7	70						
		0.8	80						
		1	90	29.3	0.4	30.5	75.3	70.6	1.6
	8	0.3	50						
		0.5	60						
		0.7	70						
		0.9	80						
		1.1	90						
70	4	0.3	50	15.2	0.7	17.0	42.4	21.9	1.1
		0.4	60	17.9	0.7	19.7	51.1	25.3	1.3
		0.5	70	20.7	0.7	22.6	59.7	28.9	1.4
		0.7	80	23.6	0.7	25.6	68.2	32.7	1.5
		0.8	90	26.7	0.7	28.6	76.6	36.7	1.6
	6	0.3	50	15.4	0.7	17.2	42.4	22.7	1.1
		0.4	60	18.1	0.7	19.9	51.0	26.5	1.3
		0.5	70	21.0	0.7	22.8	59.5	30.6	1.4
		0.7	80	24.0	0.7	25.9	68.0	35.1	1.5
		0.8	90	27.2	0.7	29.0	76.3	40.0	1.6
	8	0.3	50	15.3	0.7	17.2	42.4	22.1	1.1
		0.4	60	18.2	0.7	20.0	50.9	26.8	1.3
		0.5	70	21.1	0.7	22.9	59.5	31.3	1.4
		0.7	80	24.2	0.7	26.0	67.9	36.1	1.5
		0.8	90	27.4	0.7	29.2	76.2	41.5	1.6
90	4	0.3	50	13.9	0.9	16.1	43.1	15.6	1.2
		0.3	60	16.4	0.9	18.7	51.8	18.0	1.3
		0.4	70	19.0	0.9	21.3	60.5	20.5	1.5
		0.6	80	21.7	0.9	24.1	69.1	23.1	1.6
		0.7	90	25.1	0.9	27.4	77.4	28.0	1.7
	6	0.2	50	14.0	0.9	16.2	43.0	16.0	1.2
		0.3	60	16.6	0.9	18.8	51.7	18.6	1.3
		0.4	70	19.3	0.9	21.6	60.4	21.4	1.5
		0.6	80	22.1	0.9	24.4	68.9	24.4	1.6
		0.7	90	25.6	0.9	27.8	77.2	30.0	1.7
	8	0.2	50	14.0	0.9	16.2	43.1	15.7	1.2
		0.3	60	16.7	0.9	18.9	51.7	19.0	1.4
		0.4	70	19.4	0.9	21.7	60.3	21.7	1.5
		0.6	80	22.2	0.9	24.6	68.9	24.8	1.6
		0.7	90	25.8	0.8	28.0	77.1	30.8	1.7

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW024 Cooling Performance - PART LOAD - 4 GPM (Continued)									
110	4	0.2	50	12.6	1.1	15.3	43.8	11.0	1.3
		0.3	60	14.7	1.2	17.5	52.7	12.7	1.4
		0.4	70	17.1	1.2	20.0	61.4	14.6	1.5
		0.4	80	17.7	1.2	20.6	71.1	15.0	1.1
		0.6	90	22.8	1.1	25.6	78.6	20.1	1.8
	6	0.2	50	12.6	1.1	15.3	43.7	11.1	1.3
		0.3	60	15.0	1.1	17.8	52.5	13.2	1.4
		0.4	70	17.4	1.1	20.2	61.3	15.2	1.5
		0.5	80	20.0	1.2	22.8	70.0	17.3	1.7
		0.5	90	19.8	1.1	22.5	80.1	18.3	1.2
	8	0.2	50	12.6	1.1	15.3	43.7	11.3	1.2
		0.3	60	15.0	1.1	17.8	52.5	13.4	1.4
		0.4	70	17.5	1.1	20.3	61.3	15.4	1.5
		0.5	80	20.1	1.1	23.0	69.9	17.6	1.6
		0.5	90	20.1	1.1	22.7	79.9	18.8	1.2

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW024 Cooling Performance - PART LOAD - 6GPM									
50	4	0.4	50						
		0.6	60						
		0.7	70	23.5	0.5	24.9	62.2	47.5	1.4
		0.9	80	26.8	0.5	28.2	71.0	54.6	1.5
		1.1	90	30.3	0.5	31.7	79.8	62.4	1.6
	6	0.4	50						
		0.6	60						
		0.7	70						
		0.9	80						
		1.2	90	30.9	0.4	32.1	79.6	75.3	1.6
	8	0.4	50						
		0.6	60						
		0.7	70						
		0.9	80						
		1.2	90						
70	4	0.3	50	15.9	0.7	17.8	44.7	22.6	1.2
		0.4	60	18.7	0.7	20.6	53.8	26.2	1.3
		0.6	70	21.7	0.7	23.6	62.8	30.0	1.5
		0.7	80	24.8	0.7	26.8	71.7	34.0	1.6
		0.9	90	28.0	0.7	30.0	80.6	38.3	1.7
	6	0.3	50	16.1	0.7	17.9	44.7	23.5	1.2
		0.4	60	19.0	0.7	20.8	53.7	27.6	1.3
		0.6	70	22.0	0.7	23.9	62.7	31.9	1.5
		0.7	80	25.3	0.7	27.1	71.6	36.8	1.6
		0.9	90	28.6	0.7	30.4	80.4	42.0	1.6
	8	0.3	50	16.0	0.7	17.9	44.7	22.8	1.1
		0.4	60	19.1	0.7	20.9	53.7	28.0	1.3
		0.6	70	22.2	0.7	24.0	62.6	32.7	1.5
		0.7	80	25.5	0.7	27.3	71.5	38.0	1.6
		0.9	90	28.9	0.7	30.7	80.3	43.8	1.6

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW024 Cooling Performance - PART LOAD - 6GPM (Continued)									
90	4	0.3	50	14.5	0.9	16.7	45.2	16.0	1.3
		0.4	60	17.1	0.9	19.4	54.3	18.6	1.4
		0.5	70	19.9	0.9	22.3	63.4	21.2	1.6
		0.6	80	22.8	1.0	25.2	72.4	23.9	1.7
		0.8	90	25.7	1.0	28.2	81.4	26.8	1.8
	6	0.3	50	14.6	0.9	16.9	45.1	16.5	1.2
		0.4	60	17.3	0.9	19.6	54.2	19.3	1.4
		0.5	70	20.2	0.9	22.5	63.3	22.2	1.6
		0.6	80	23.1	0.9	25.5	72.3	25.3	1.7
		0.8	90	26.2	0.9	28.6	81.2	28.6	1.8
	8	0.2	50	14.5	0.9	16.8	45.2	16.2	1.2
		0.3	60	17.4	0.9	19.7	54.2	19.5	1.4
		0.5	70	20.3	0.9	22.6	63.2	22.6	1.6
		0.6	80	23.3	0.9	25.7	72.2	25.9	1.6
		0.8	90	26.4	0.9	28.8	81.1	29.4	1.7
110	4	0.2	50	13.1	1.2	15.8	45.7	11.3	1.3
		0.3	60	15.5	1.2	18.3	54.9	13.2	1.5
		0.4	70	18.0	1.2	20.9	64.0	15.2	1.7
		0.6	80	20.6	1.2	23.6	73.1	17.2	1.8
		0.7	90	23.3	1.2	26.3	82.2	19.2	1.9
	6	0.2	50	13.2	1.1	15.9	45.6	11.6	1.3
		0.3	60	15.6	1.1	18.4	54.8	13.7	1.5
		0.4	70	18.3	1.2	21.1	63.9	15.8	1.6
		0.5	80	21.0	1.2	23.9	73.0	18.1	1.8
		0.7	90	23.7	1.2	26.7	82.1	20.4	1.9
	8	0.2	50	13.2	1.1	15.9	45.6	11.7	1.2
		0.3	60	15.7	1.1	18.5	54.8	13.8	1.5
		0.4	70	18.4	1.1	21.2	63.9	16.1	1.6
		0.5	80	21.1	1.1	24.0	72.9	18.4	1.8
		0.7	90	24.0	1.2	26.9	82.0	20.8	1.9

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW024 Cooling Performance - PART LOAD - 8 GPM									
50	4	0.4	50						
		0.6	60						
		0.7	70	24.1	0.5	25.6	64.0	47.9	1.4
		0.9	80	27.6	0.5	29.0	73.1	55.3	1.5
		1.2	90	31.2	0.5	32.5	82.2	63.3	1.6
	6	0.5	50						
		0.6	60						
		0.8	70						
		1	80						
		1.2	90	31.8	0.4	33.0	82.0	76.9	1.6
	8	0.4	50						
		0.6	60						
		0.8	70						
		1	80						
		1.2	90						
70	4	0.3	50	16.3	0.7	18.2	45.9	22.8	1.1
		0.5	60	19.2	0.7	21.1	55.2	26.4	1.2
		0.6	70	22.2	0.7	24.2	64.4	30.3	1.5
		0.8	80	25.5	0.7	27.4	73.6	34.4	1.6
		0.9	90	28.7	0.7	30.7	82.8	38.7	1.7
	6	0.3	50	16.5	0.7	18.3	45.9	23.8	1.1
		0.5	60	19.4	0.7	21.3	55.2	27.9	1.2
		0.6	70	22.6	0.7	24.5	64.3	32.4	1.5
		0.8	80	25.9	0.7	27.8	73.5	37.3	1.6
		1	90	29.4	0.7	31.2	82.6	42.7	1.7
	8	0.3	50	16.5	0.7	18.4	45.9	23.1	1.1
		0.5	60	19.6	0.7	21.4	55.1	28.3	1.4
		0.6	70	22.8	0.7	24.7	64.3	33.2	1.5
		0.8	80	26.2	0.7	28.0	73.4	38.6	1.6
		1	90	29.7	0.7	31.5	82.5	44.6	1.7
90	4	0.3	50	14.8	0.9	17.1	46.3	16.2	1.3
		0.4	60	17.5	0.9	19.8	55.6	18.7	1.4
		0.5	70	20.3	0.9	22.8	64.9	21.4	1.6
		0.6	80	23.3	1.0	25.7	74.2	24.2	1.7
		0.8	90						
	6	0.3	50	15.0	0.9	17.2	46.3	16.7	1.3
		0.4	60	17.7	0.9	20.0	55.6	19.5	1.4
		0.5	70	20.6	0.9	23.0	64.8	22.5	1.6
		0.6	80	23.7	0.9	26.1	74.1	25.7	1.7
		0.8	90	26.8	0.9	29.2	83.3	29.0	1.8
	8	0.2	50	14.6	0.9	16.9	46.4	16.1	1.3
		0.4	60	17.8	0.9	20.1	55.6	19.7	1.4
		0.5	70	20.8	0.9	23.1	64.8	22.9	1.6
		0.6	80	23.9	0.9	26.3	74.0	26.3	1.7
		0.8	90	27.1	0.9	29.4	83.2	29.8	1.8

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW024 Cooling Performance - PART LOAD - 8 GPM (Continued)									
110	4	0.2	50	13.3	1.2	16.1	46.7	11.4	1.3
		0.3	60	15.8	1.2	18.7	56.1	13.4	1.5
		0.4	70	18.4	1.2	21.3	65.4	15.4	1.7
		0.6	80	21.1	1.2	24.1	74.7	17.4	1.8
		0.7	90						
	6	0.2	50	13.4	1.1	16.2	46.7	11.8	1.3
		0.3	60	16.0	1.2	18.8	56.0	13.9	1.5
		0.4	70	18.7	1.2	21.5	65.3	16.0	1.7
		0.6	80	21.4	1.2	24.4	74.6	18.3	1.8
		0.7	90						
	8	0.2	50	13.4	1.2	16.2	46.7	11.6	1.3
		0.3	60	16.1	1.1	18.9	56.0	14.0	1.5
		0.4	70	18.8	1.2	21.7	65.3	16.3	1.7
		0.6	80	21.6	1.2	24.5	74.6	18.7	1.8
		0.7	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW036 Cooling Performance - PART LOAD - 4.5 GPM									
50	4.5	0.7	50						
		0.9	60	25.8	0.9	28.5	48.6	28.3	2.1
		1.2	70	29.6	0.9	32.4	56.8	31.4	2.3
		1.4	80	33.6	1.0	36.4	65.1	34.3	2.5
		1.7	90	37.7	1.0	40.6	73.2	36.9	2.7
	6.8	0.7	50						
		1	60						
		1.2	70	30.1	0.9	32.8	56.6	33.4	2.3
		1.5	80	34.2	0.9	37.0	64.8	36.6	2.5
		1.8	90	38.5	1.0	41.4	72.8	39.7	2.7
	9	0.7	50						
		1	60						
		1.2	70						
		1.5	80	34.6	0.9	37.3	64.6	37.6	2.5
		1.9	90	38.9	1.0	41.8	72.7	40.8	2.7
70	4.5	0.6	50	20.6	1.1	23.6	40.9	18.7	1.9
		0.7	60	24.0	1.1	27.1	49.4	21.2	2.2
		0.9	70	27.5	1.2	30.7	57.8	23.8	2.4
		1.2	80	31.3	1.2	34.5	66.1	26.3	2.7
		1.4	90	35.1	1.2	38.5	74.3	28.6	2.9
	6.8	0.6	50	20.9	1.1	23.8	40.8	19.4	1.9
		0.7	60	24.3	1.1	27.4	49.2	22.3	2.1
		1	70	28.0	1.1	31.1	57.6	25.2	2.4
		1.2	80	31.9	1.1	35.0	65.8	28.0	2.6
		1.5	90	35.9	1.2	39.1	74.0	30.7	2.8
	9	0.6	50	21.0	1.1	24.0	40.7	19.7	1.9
		0.7	60	24.5	1.1	27.5	49.1	22.7	2.1
		1	70	28.2	1.1	31.3	57.5	25.7	2.4
		1.2	80	32.2	1.1	35.3	65.7	28.7	2.6
		1.5	90	36.2	1.1	39.5	73.8	31.5	2.8
90	4.5	0.5	50	18.9	1.4	22.5	41.6	13.7	2.0
		0.6	60	22.1	1.4	25.7	50.2	15.7	2.3
		0.8	70	25.4	1.4	29.1	58.7	17.7	2.6
		1	80	28.8	1.5	32.7	67.2	19.6	2.8
		1.3	90	32.4	1.5	36.4	75.5	21.6	3.1
	6.8	0.5	50	19.2	1.3	22.6	41.5	14.2	2.0
		0.6	60	22.4	1.4	25.9	50.1	16.4	2.3
		0.8	70	25.8	1.4	29.4	58.5	18.6	2.5
		1	80	29.4	1.4	33.1	66.9	20.9	2.8
		1.3	90	33.1	1.4	36.9	75.2	23.1	3.0
	9	0.5	50	19.3	1.3	22.7	41.5	14.4	2.0
		0.6	60	22.5	1.4	26.1	50.0	16.7	2.3
		0.8	70	26.0	1.4	29.6	58.5	19.0	2.5
		1	80	29.6	1.4	33.4	66.8	21.4	2.8
		1.3	90	33.4	1.4	37.2	75.1	23.8	3.0

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW036 Cooling Performance - PART LOAD - 4.5 GPM (Continued)									
110	4.5	0.4	50	17.1	1.7	21.5	42.4	9.8	2.2
		0.6	60	20.0	1.8	24.5	51.1	11.3	2.5
		0.7	70	23.1	1.8	27.7	59.7	12.8	2.7
		0.9	80	26.3	1.8	31.0	68.3	14.4	3.1
		1.2	90	29.6	1.9	34.5	76.8	15.9	3.4
	6.8	0.4	50	17.3	1.7	21.6	42.3	10.2	2.2
		0.6	60	20.3	1.7	24.7	51.0	11.8	2.4
		0.7	70	23.5	1.7	27.9	59.6	13.5	2.7
		0.9	80	26.8	1.8	31.3	68.1	15.2	3.0
		1.2	90	30.2	1.8	34.9	76.5	17.0	3.3
	9	0.4	50	17.4	1.7	21.7	42.3	10.3	2.2
		0.5	60	20.4	1.7	24.8	50.9	12.0	2.4
		0.7	70	23.6	1.7	28.1	59.5	13.8	2.7
		0.9	80	27.0	1.7	31.5	68.0	15.6	3.0
		1.1	90	30.5	1.8	35.1	76.4	17.4	3.3

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW036 Cooling Performance - PART LOAD - 6.8 GPM									
50	4.5	0.8	50	23.5	0.9	26.1	43.1	26.0	1.9
		1	60	27.3	0.9	30.0	51.9	29.3	2.2
		1.3	70	31.4	1.0	34.2	60.7	32.5	2.4
		1.6	80	35.6	1.0	38.5	69.4	35.4	2.7
		1.9	90	40.0	1.1	43.0	78.1	38.0	2.9
	6.8	0.8	50						
		1.1	60						
		1.3	70	32.0	0.9	34.7	60.5	34.7	2.4
		1.7	80	36.4	1.0	39.2	69.2	38.0	2.6
		2	90	40.9	1.0	43.9	77.8	41.0	2.9
	9	0.8	50						
		1.1	60						
		1.4	70						
		1.7	80	36.8	0.9	39.6	69.1	39.0	2.6
		2.1	90	41.4	1.0	44.4	77.7	42.1	2.9
70	4.5	0.6	50	21.7	1.1	24.7	43.6	19.4	2.0
		0.8	60	25.3	1.1	28.4	52.5	22.0	2.3
		1	70	29.1	1.2	32.3	61.4	24.7	2.5
		1.3	80	33.0	1.2	36.4	70.2	27.2	2.8
		1.6	90	37.1	1.3	40.6	79.0	29.6	3.0
	6.8	0.6	50	22.0	1.1	25.0	43.5	20.3	2.0
		0.8	60	25.7	1.1	28.8	52.4	23.2	2.3
		1.1	70	29.6	1.1	32.8	61.2	26.2	2.5
		1.3	80	33.7	1.2	37.0	70.0	29.1	2.8
		1.6	90	38.0	1.2	41.3	78.7	31.9	3.0
	9	0.6	50	22.2	1.1	25.2	43.5	20.5	2.0
		0.8	60	25.9	1.1	29.0	52.3	23.6	2.2
		1.1	70	29.9	1.1	33.0	61.1	26.8	2.5
		1.3	80	34.1	1.1	37.3	69.9	29.9	2.8
		1.7	90	38.5	1.2	41.8	78.6	32.8	3.0
90	4.5	0.5	50	19.8	1.4	23.4	44.2	14.2	2.1
		0.7	60	23.2	1.4	26.9	53.2	16.3	2.4
		0.9	70	26.7	1.5	30.5	62.1	18.3	2.7
		1.1	80	30.3	1.5	34.3	71.0	20.4	2.9
		1.4	90						
	6.8	0.5	50	20.1	1.4	23.6	44.1	14.8	2.1
		0.7	60	23.5	1.4	27.2	53.0	17.1	2.4
		0.9	70	27.2	1.4	30.9	62.0	19.4	2.6
		1.1	80	31.0	1.4	34.8	70.8	21.8	2.9
		1.4	90						
	9	0.5	50	20.2	1.4	23.8	44.0	15.0	2.1
		0.7	60	23.7	1.4	27.3	53.0	17.4	2.4
		0.9	70	27.4	1.4	31.1	61.9	19.9	2.6
		1.1	80	31.3	1.4	35.1	70.7	22.3	2.9
		1.4	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW036 Cooling Performance - PART LOAD - 6.8 GPM (Continued)									
110	4.5	0.5	50	17.9	1.8	22.3	44.7	10.2	2.3
		0.6	60	20.9	1.8	25.5	53.8	11.7	2.5
		0.8	70	24.2	1.8	28.9	62.8	13.3	2.8
		1	80	27.5	1.8	32.3	71.8	14.9	3.2
		1.3	90						
	6.8	0.5	50	18.1	1.7	22.4	44.7	10.6	2.3
		0.6	60	21.3	1.7	25.7	53.7	12.3	2.6
		0.8	70	24.6	1.8	29.1	62.7	14.0	2.8
		1	80	28.1	1.8	32.7	71.7	15.8	3.1
		1.3	90						
	9	0.4	50	18.2	1.7	22.5	44.6	10.7	2.2
		0.6	60	21.4	1.7	25.8	53.7	12.5	2.5
		0.8	70	24.8	1.7	29.3	62.6	14.4	2.8
		1	80	28.4	1.7	33.0	71.6	16.2	3.1
		1.3	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW036 Cooling Performance - PART LOAD - 9 GPM									
50	4.5	0.8	50	24.2	0.9	26.9	44.7	26.3	2.0
		1.1	60	28.2	1.0	30.9	53.8	29.6	2.2
		1.3	70	32.3	1.0	35.2	62.8	32.8	2.5
		1.7	80	36.7	1.0	39.7	71.8	35.7	2.7
		2	90						
	6.8	0.9	50						
		1.1	60						
		1.4	70	33.0	0.9	35.8	62.7	35.0	2.5
		1.8	80	37.6	1.0	40.5	71.6	38.3	2.7
		2.2	90						
	9	0.9	50						
		1.1	60						
		1.5	70						
		1.8	80	38.0	1.0	40.9	71.5	39.3	2.7
		2.3	90						
70	4.5	0.7	50	22.3	1.1	25.4	45.1	19.6	2.0
		0.8	60	26.0	1.2	29.2	54.2	22.3	2.3
		1.1	70	29.9	1.2	33.2	63.4	24.9	2.6
		1.4	80	34.0	1.2	37.4	72.4	27.5	2.9
		1.7	90						
	6.8	0.7	50	22.6	1.1	25.7	45.0	20.5	2.0
		0.9	60	26.4	1.1	29.6	54.1	23.5	2.3
		1.1	70	30.5	1.1	33.7	63.2	26.5	2.6
		1.4	80	34.7	1.2	38.1	72.3	29.5	2.8
		1.7	90						
	9	0.7	50	22.8	1.1	25.8	45.0	20.8	2.0
		0.9	60	26.7	1.1	29.8	54.1	24.0	2.3
		1.1	70	30.8	1.1	34.0	63.2	27.2	2.6
		1.4	80	35.1	1.2	38.4	72.2	30.3	2.8
		1.8	90						
90	4.5	0.5	50	20.3	1.4	24.0	45.5	14.4	2.1
		0.7	60	23.7	1.4	27.5	54.7	16.5	2.4
		0.9	70	27.4	1.5	31.3	63.9	18.6	2.8
		1.2	80	31.1	1.5	35.2	73.1	20.6	3.0
		1.5	90						
	6.8	0.5	50	20.6	1.4	24.2	45.4	15.0	2.1
		0.7	60	24.2	1.4	27.8	54.6	17.3	2.4
		0.9	70	27.9	1.4	31.7	63.8	19.7	2.7
		1.2	80	31.8	1.4	35.7	72.9	22.1	2.9
		1.5	90						
	9	0.5	50	20.8	1.4	24.3	45.4	15.2	2.1
		0.7	60	24.4	1.4	28.0	54.6	17.7	2.4
		0.9	70	28.2	1.4	31.9	63.7	20.2	2.7
		1.2	80	32.2	1.4	36.0	72.8	22.7	2.9
		1.5	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW036 Cooling Performance - PART LOAD - 9 GPM (Continued)									
110	4.5	0.5	50	18.3	1.8	22.7	46.0	10.3	2.3
		0.7	60	21.4	1.8	26.0	55.3	11.9	2.6
		0.8	70	24.7	1.8	29.5	64.5	13.5	2.9
		1.1	80	28.2	1.9	33.1	73.7	15.1	3.2
		1.4	90						
	6.8	0.5	50	18.5	1.7	22.9	45.9	10.7	2.3
		0.6	60	21.8	1.7	26.3	55.2	12.5	2.6
		0.8	70	25.2	1.8	29.8	64.4	14.3	2.9
		1.1	80	28.8	1.8	33.5	73.6	16.1	3.2
		1.3	90						
	9	0.5	50	18.7	1.7	23.0	45.9	10.9	2.3
		0.6	60	22.0	1.7	26.4	55.1	12.7	2.6
		0.8	70	25.5	1.7	30.0	64.3	14.6	2.9
		1.1	80	29.1	1.8	33.8	73.5	16.5	3.1
		1.3	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW048 Cooling Performance - PART LOAD - 6 GPM									
50	6	1.1	50						
		1.5	60	34.6	1.2	38.3	48.5	28.5	3.5
		1.9	70	39.8	1.3	43.6	56.7	31.4	3.9
		2.3	80	45.2	1.3	49.2	64.9	33.9	4.3
		2.8	90	50.8	1.4	55.1	73.0	35.9	4.7
	9	1.2	50						
		1.5	60						
		2	70						
		2.5	80	46.1	1.3	50.1	64.6	34.8	4.2
		3	90	52.2	1.4	56.5	72.6	37.0	4.7
	12	1.2	50						
		1.6	60						
		2	70						
		2.5	80						
		3.1	90	52.7	1.4	57.1	72.4	36.9	4.7
70	6	0.9	50	26.6	1.4	30.6	41.2	19.0	2.8
		1.2	60	31.9	1.4	36.0	49.4	22.2	3.5
		1.5	70	36.8	1.5	41.0	57.8	24.9	4.0
		1.9	80	41.9	1.5	46.3	66.0	27.4	4.5
		2.3	90	47.2	1.6	51.9	74.2	29.5	5.0
	9	0.9	50	27.3	1.4	31.2	41.0	19.9	2.7
		1.2	60	32.4	1.4	36.4	49.2	23.2	3.5
		1.5	70	37.4	1.4	41.6	57.5	26.1	4.0
		1.9	80	42.8	1.5	47.1	65.7	28.8	4.5
		2.4	90	48.3	1.5	52.8	73.9	31.2	4.9
	12	1	50	28.2	1.4	32.2	40.7	20.5	2.9
		1.2	60	32.7	1.4	36.7	49.2	23.3	3.5
		1.6	70	37.7	1.4	41.9	57.4	26.3	3.9
		2	80	43.2	1.5	47.5	65.6	29.2	4.5
		2.5	90	48.8	1.5	53.4	73.7	31.6	4.9
90	6	0.8	50	24.6	1.8	29.5	41.8	13.7	2.8
		1.1	60	29.9	1.8	35.0	50.1	16.4	4.2
		1.3	70	34.1	1.9	39.3	58.6	18.4	4.2
		1.7	80	39.3	1.9	44.6	66.9	20.7	5.3
		2.2	90	44.6	2.0	50.1	75.1	22.8	5.4
	9	0.7	50	24.2	1.7	28.9	42.0	13.9	2.4
		1	60	29.0	1.8	33.9	50.4	16.5	3.6
		1.4	70	35.4	1.8	40.5	58.2	19.8	4.1
		1.6	80	38.6	1.8	43.7	67.1	21.3	4.7
		2.2	90	45.1	1.9	50.4	74.9	24.1	6.4
	12	0.7	50	24.2	1.7	28.9	42.0	13.9	2.4
		1	60	29.1	1.7	34.0	50.3	16.7	3.0
		1.3	70	34.3	1.8	39.3	58.6	19.4	3.8
		1.7	80	39.3	1.8	44.4	66.9	21.9	4.8
		2.1	90	45.0	1.8	50.3	74.9	24.4	5.6

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW048 Cooling Performance - PART LOAD - 6 GPM (Continued)									
110	6	0.7	50	22.9	2.3	29.1	42.4	9.9	3.3
		1	60	27.0	2.3	33.3	51.0	11.5	3.9
		1.3	70	31.1	2.4	37.6	59.6	13.2	4.6
		1.6	80	36.1	2.4	42.7	68.0	15.1	5.3
		2.1	90						
	9	0.7	50	23.2	2.3	29.2	42.3	10.2	3.3
		1	60	27.2	2.3	33.4	51.0	12.0	3.9
		1.3	70	32.0	2.3	38.3	59.3	14.0	4.4
		1.6	80	36.8	2.3	43.2	67.7	15.9	5.1
		2.1	90						
	12	0.7	50	23.3	2.3	29.4	42.3	10.4	3.3
		0.9	60	27.3	2.3	33.5	50.9	12.1	3.9
		1.3	70	32.4	2.3	38.6	59.2	14.3	4.5
		1.6	80	36.7	2.3	43.1	67.7	16.1	5.2
		2	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW048 Cooling Performance - PART LOAD - 9 GPM									
50	6	1.2	50						
		1.6	60	36.6	1.3	40.4	51.9	29.3	3.6
		2.1	70	42.3	1.3	46.2	60.6	32.2	4.2
		2.6	80	48.1	1.4	52.3	69.3	34.6	4.6
		3.2	90	54.4	1.5	58.9	77.9	36.8	5.0
	9	1.3	50						
		1.7	60						
		2.2	70						
		2.7	80	49.3	1.4	53.5	69.0	35.7	4.5
		3.4	90	55.7	1.5	60.2	77.6	37.7	4.9
	12	1.3	50						
		1.8	60						
		2.3	70						
		2.8	80						
		3.6	90	56.4	1.5	61.0	77.4	37.6	4.9
70	6	1	50	28.3	1.4	32.4	43.7	19.9	3.0
		1.3	60	33.7	1.5	37.8	52.5	23.0	3.7
		1.7	70	38.9	1.5	43.3	61.4	25.7	4.3
		2.1	80	44.4	1.6	49.0	70.1	28.2	4.7
		2.6	90						
	9	1	50	29.1	1.4	33.1	43.6	20.9	3.2
		1.3	60	34.2	1.4	38.3	52.4	24.0	3.7
		1.7	70	39.7	1.5	43.9	61.2	27.0	4.3
		2.2	80	45.4	1.5	49.8	69.9	29.7	4.7
		2.7	90	51.4	1.6	56.1	78.5	32.2	5.1
	12	1	50	29.3	1.4	33.3	43.5	21.0	3.3
		1.3	60	34.5	1.4	38.7	52.4	24.2	3.7
		1.7	70	40.1	1.5	44.3	61.1	27.3	4.3
		2.2	80	45.8	1.5	50.3	69.8	30.1	4.7
		2.8	90	52.0	1.6	56.7	78.4	32.6	5.1
90	6	0.8	50	26.2	1.8	31.2	44.2	14.4	3.1
		1.1	60	30.9	1.8	36.0	53.2	16.8	3.7
		1.5	70	36.3	1.9	41.6	61.9	19.3	4.0
		1.9	80	41.0	1.9	46.4	70.9	21.2	4.8
		2.4	90						
	9	0.8	50	26.5	1.8	31.4	44.1	15.0	3.1
		1.1	60	31.4	1.8	36.4	53.0	17.6	4.9
		1.5	70	36.4	1.8	41.5	61.9	20.1	5.5
		1.9	80	41.8	1.9	47.0	70.7	22.6	4.7
		2.4	90						
	12	0.8	50	26.0	1.8	30.8	44.3	14.8	2.7
		1.1	60	30.6	1.8	35.5	53.2	17.3	3.1
		1.3	70	34.5	1.8	39.5	62.3	19.4	2.9
		1.9	80	41.8	1.8	47.0	70.7	22.9	5.0
		2.3	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW048 Cooling Performance - PART LOAD - 9 GPM (Continued)									
110	6	0.8	50	23.9	2.3	30.2	44.7	10.2	3.5
		1.1	60	28.3	2.4	34.7	53.7	12.0	3.9
		1.4	70	32.8	2.4	39.4	62.7	13.7	4.8
		1.8	80	37.4	2.4	44.1	71.7	15.5	5.4
		2.3	90						
	9	0.8	50	23.7	2.3	29.8	44.8	10.4	3.3
		1	60	28.4	2.3	34.7	53.7	12.4	4.0
		1.4	70	33.2	2.3	39.6	62.6	14.4	4.7
		1.7	80	38.0	2.3	44.5	71.5	16.4	5.7
		2.3	90						
	12	0.8	50	24.3	2.3	30.5	44.6	10.7	3.4
		1	60	28.6	2.3	34.8	53.7	12.6	4.0
		1.3	70	33.4	2.3	39.7	62.6	14.6	4.5
		1.8	80	38.7	2.3	45.1	71.4	16.8	5.8
		2.3	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW048 Cooling Performance - PART LOAD - 12 GPM									
50	6	1.3	50						
		1.7	60	37.7	1.3	41.6	53.7	29.3	3.7
		2.2	70	43.5	1.4	47.6	62.7	32.2	4.2
		2.7	80	49.6	1.4	53.9	71.7	34.5	4.7
		3.4	90						
	9	1.4	50						
		1.8	60						
		2.3	70	44.4	1.3	48.5	62.6	33.0	4.2
		2.9	80	50.9	1.4	55.2	71.5	35.6	4.6
		3.7	90						
	12	1.4	50						
		1.9	60						
		2.4	70						
		3	80	51.5	1.5	55.9	71.4	35.5	4.6
		3.8	90						
70	6	1	50	29.3	1.5	33.5	45.1	20.1	3.4
		1.3	60	34.5	1.5	38.9	54.3	23.0	3.8
		1.7	70	40.0	1.6	44.5	63.3	25.8	4.4
		2.2	80	45.7	1.6	50.4	72.4	28.2	4.9
		2.8	90						
	9	1.1	50	29.8	1.4	33.9	45.1	20.9	3.3
		1.4	60	35.2	1.5	39.4	54.2	24.1	3.8
		1.8	70	40.8	1.5	45.2	63.2	27.1	4.4
		2.3	80	46.8	1.6	51.4	72.2	29.8	4.9
		2.9	90						
	12	1.1	50	30.1	1.4	34.2	45.0	21.1	3.3
		1.4	60	35.5	1.5	39.8	54.1	24.3	3.8
		1.8	70	41.2	1.5	45.7	63.1	27.4	4.3
		2.3	80	47.3	1.6	51.9	72.1	30.2	4.8
		3	90						
90	6	0.9	50	26.7	1.8	31.7	45.6	14.4	3.9
		1.2	60	31.5	1.9	36.8	54.8	16.8	4.9
		1.5	70	36.2	1.9	41.5	64.0	18.9	4.6
		2	80	42.4	2.0	47.9	72.9	21.5	5.4
		2.4	90						
	9	0.9	50	26.9	1.8	31.8	45.5	15.0	3.4
		1.2	60	31.8	1.8	36.9	54.7	17.5	4.0
		1.5	70	37.0	1.8	42.2	63.8	20.1	5.0
		1.9	80	41.8	1.9	47.1	73.0	22.3	4.4
		2.5	90						
	12	0.9	50	27.4	1.8	32.4	45.5	15.4	4.3
		1.2	60	32.2	1.8	37.2	54.7	17.9	4.3
		1.5	70	37.6	1.8	42.8	63.7	20.6	5.1
		2	80	42.9	1.9	48.2	72.8	23.0	5.2
		2.5	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW048 Cooling Performance - PART LOAD - 12 GPM (Continued)									
110	6	0.8	50	24.2	2.4	30.6	46.0	10.2	3.5
		1.1	60	28.5	2.4	35.0	55.3	11.9	4.2
		1.4	70	33.0	2.4	39.7	64.5	13.7	5.0
		1.7	80	36.9	2.4	43.6	73.8	15.1	4.7
		2.3	90						
	9	0.8	50	23.8	2.3	30.1	46.1	10.3	3.5
		1.1	60	28.9	2.3	35.2	55.2	12.5	4.3
		1.4	70	33.1	2.3	39.6	64.5	14.2	4.5
		1.8	80	39.1	2.4	45.7	73.5	16.6	5.8
		2.4	90						
	12	0.8	50	23.8	2.3	30.0	46.1	10.4	3.1
		1.1	60	29.2	2.3	35.6	55.1	12.7	4.4
		1.4	70	33.6	2.3	40.0	64.4	14.5	4.5
		1.8	80	38.7	2.3	45.2	73.5	16.7	5.5
		2.3	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW060 Cooling Performance - PART LOAD - 6.5 GPM									
50	6.5	1.6	50	35.7	1.4	40.0	39.1	25.0	4.0
		2.1	60	41.5	1.5	46.0	47.3	28.3	5.9
		5	70	45.4	1.5	50.0	56.0	31.2	12.8
		3.1	80	53.4	1.5	58.1	63.5	34.9	6.7
		3.8	90	59.8	1.5	64.5	71.5	39.0	7.2
	9.8	1.7	50						
		2.1	60						
		2.7	70	48.7	1.4	53.1	55.0	34.5	6.9
		3.2	80	53.6	1.4	58.0	63.5	37.7	6.3
		4	90	61.1	1.4	65.5	71.1	43.4	6.9
	13	1.6	50						
		2.2	60						
		2.7	70						
		3.4	80	55.1	1.4	59.5	63.0	39.8	6.7
		4.2	90	62.5	1.4	66.7	70.7	45.8	7.5
70	6.5	1.4	50	33.8	1.8	39.2	39.7	18.3	7.2
		1.7	60	38.0	1.9	43.6	48.3	20.2	5.6
		2.1	70	43.2	1.9	48.9	56.7	22.4	6.1
		2.6	80	49.3	2.0	55.1	64.8	25.1	7.1
		3.4	90	57.1	2.0	63.0	72.4	28.8	11.2
	9.8	1.3	50	33.4	1.8	38.7	39.8	18.7	4.8
		1.8	60	39.5	1.8	45.0	47.9	21.7	6.9
		2.1	70	44.2	1.8	49.6	56.4	24.0	6.2
		2.5	80	48.5	1.9	54.0	65.1	26.1	5.2
		3.5	90	57.9	1.9	63.5	72.1	31.2	8.1
	13	1.4	50	34.4	1.8	39.7	39.5	19.3	5.8
		1.7	60	38.6	1.8	44.0	48.2	21.5	5.1
		2.1	70	43.6	1.8	49.0	56.6	24.0	5.3
		2.9	80	52.0	1.8	57.6	64.0	28.4	8.2
		3.4	90	58.0	1.8	63.5	72.1	32.0	6.3
90	6.5	1.1	50	30.0	2.3	36.6	40.8	12.9	5.1
		1.4	60	34.7	2.4	41.5	49.4	14.7	6.6
		1.8	70	39.7	2.4	46.7	57.8	16.4	6.6
		2.3	80	45.5	2.5	52.7	66.0	18.5	8.1
		2.9	90	51.2	2.5	58.5	74.2	20.7	7.7
	9.8	1.2	50	31.0	2.3	37.5	40.5	13.8	5.9
		1.4	60	35.3	2.3	42.0	49.2	15.4	5.7
		1.9	70	41.6	2.3	48.4	57.2	17.8	8.5
		1.9	80	42.0	2.3	48.8	67.1	18.0	3.9
		2.9	90	53.0	2.3	59.9	73.6	22.6	6.8
	13	1.1	50	30.7	2.2	37.1	40.6	13.7	4.7
		1.3	60	33.8	2.3	40.4	49.6	15.0	3.9
		1.9	70	41.0	2.3	47.7	57.4	17.8	6.6
		2.4	80	46.9	2.3	53.7	65.6	20.3	7.7
		3	90	53.4	2.3	60.2	73.5	23.2	8.9

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW060 Cooling Performance - PART LOAD - 6.5 GPM (Continued)									
110	6.5	1	50	27.4	2.9	35.6	41.6	9.4	7.1
		1.3	60	31.1	3.0	39.5	50.5	10.4	6.2
		1.7	70	36.1	3.0	44.8	58.9	11.9	7.3
		2.3	80	42.5	3.1	51.4	66.9	13.8	10.7
		2.8	90	47.4	3.1	56.4	75.4	15.3	10.7
	9.8	1	50	27.2	2.8	35.2	41.7	9.6	5.4
		1.3	60	31.6	2.9	39.8	50.3	11.0	5.9
		1.7	70	36.7	2.9	45.1	58.7	12.5	7.2
		2.2	80	42.2	2.9	50.7	67.0	14.3	7.8
		2.7	90	47.5	3.0	56.1	75.3	16.1	8.8
	13	1	50	27.2	2.8	35.2	41.7	9.6	4.9
		1.2	60	30.5	2.9	38.7	50.6	10.7	4.6
		1.7	70	37.0	2.9	45.4	58.6	12.8	7.1
		2.2	80	42.6	2.9	51.1	66.9	14.7	8.2
		2.8	90	49.0	2.9	57.5	74.9	16.9	10.2

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW060 Cooling Performance - PART LOAD - 9.8 GPM									
50	6.5	1.7	50	36.9	1.5	41.3	42.5	25.4	4.2
		2.4	60	44.7	1.5	49.3	50.9	29.6	7.9
		2.9	70	50.8	1.5	55.5	59.6	32.9	7.4
		3.5	80	57.2	1.6	61.9	68.3	36.9	7.3
		4.4	90	64.9	1.6	69.7	76.7	41.8	9.2
	9.8	1.8	50						
		2.4	60						
		3	70	51.4	1.4	55.9	59.5	35.8	6.6
		3.8	80	58.5	1.4	63.0	68.0	41.0	7.2
		4.6	90	66.2	1.4	70.6	76.4	46.8	7.8
	13	1.8	50						
		2.4	60						
		3.1	70						
		3.9	80	59.2	1.4	63.6	67.9	42.6	7.1
		4.8	90	67.0	1.4	71.3	76.3	49.1	7.8
70	6.5	1.4	50	34.6	1.9	40.1	43.0	18.5	4.4
		1.8	60	39.7	1.9	45.4	51.9	20.7	5.4
		2.3	70	46.1	2.0	52.0	60.6	23.5	6.7
		3.1	80	53.9	2.0	59.9	69.0	27.0	11.1
		3.6	90	59.0	2.0	65.0	77.9	29.6	8.2
	9.8	1.5	50	35.5	1.8	40.9	42.8	19.5	5.3
		1.9	60	41.0	1.8	46.5	51.7	22.2	5.9
		2.4	70	46.6	1.9	52.2	60.5	24.9	6.6
		3.1	80	54.0	1.9	59.7	68.9	28.9	7.9
		3.7	90	60.1	1.9	65.7	77.7	32.2	7.2
	13	1.5	50	36.0	1.8	41.4	42.7	19.9	6.1
		1.8	60	40.1	1.8	45.5	51.8	22.0	4.7
		2.4	70	47.5	1.8	53.1	60.3	25.7	6.0
		3	80	53.1	1.8	58.7	69.1	28.9	5.8
		3.8	90	61.7	1.8	67.2	77.4	33.8	7.5
90	6.5	1.2	50	32.0	2.4	38.7	43.5	13.6	6.7
		1.6	60	36.7	2.4	43.7	52.5	15.3	5.9
		2	70	42.1	2.5	49.3	61.4	17.1	7.1
		2.4	80	45.9	2.5	53.1	70.6	18.5	5.5
		3	90	52.4	2.5	59.7	79.3	21.0	6.7
	9.8	1.2	50	32.2	2.3	38.8	43.5	14.1	5.3
		1.6	60	37.3	2.3	44.0	52.4	16.1	6.2
		2	70	42.9	2.4	49.8	61.2	18.2	6.8
		2.6	80	49.2	2.4	56.2	69.9	20.8	7.5
		3	90	52.8	2.4	59.8	79.2	22.4	5.7
	13	1.2	50	31.6	2.3	38.1	43.6	13.9	4.5
		1.6	60	37.6	2.3	44.4	52.3	16.3	6.3
		2	70	43.2	2.3	50.0	61.2	18.5	6.7
		2.6	80	49.1	2.3	55.9	70.0	21.1	7.0
		3.3	90	56.4	2.3	63.3	78.4	24.4	8.3

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW060 Cooling Performance - PART LOAD - 9.8 GPM (Continued)									
110	6.5	1.1	50	28.0	3.0	36.3	44.3	9.5	5.4
		1.5	60	33.0	3.0	41.7	53.3	10.9	5.9
		1.9	70	38.0	3.1	46.8	62.2	12.4	7.6
		2.4	80	43.8	3.1	52.8	71.0	14.1	9.9
		3.1	90						
	9.8	1.1	50	28.9	2.9	37.0	44.1	10.0	6.6
		1.4	60	33.1	2.9	41.5	53.3	11.3	6.0
		1.9	70	38.8	3.0	47.3	62.1	13.1	7.6
		2.4	80	44.5	3.0	53.2	70.9	15.0	8.5
		2.9	90	49.9	3.0	58.6	79.8	16.8	8.3
	13	1.1	50	28.8	2.9	36.9	44.2	10.1	5.6
		1.4	60	33.8	2.9	42.1	53.1	11.7	6.3
		1.9	70	39.2	2.9	47.7	62.0	13.4	8.1
		2.4	80	45.1	2.9	53.6	70.8	15.4	8.5
		3	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW060 Cooling Performance - PART LOAD - 13 GPM									
50	6.5	1.8	50	38.4	1.5	43.0	44.1	25.6	4.6
		2.3	60	44.3	1.5	49.0	53.2	28.8	5.2
		3	70	51.9	1.6	56.8	62.0	32.8	6.8
		3.8	80	59.1	1.6	64.0	70.9	37.3	7.5
		4.6	90						
	9.8	1.9	50						
		2.5	60	46.3	1.5	50.9	52.9	31.8	6.0
		3.2	70	53.2	1.5	57.7	61.8	36.1	6.8
		4	80	60.6	1.5	65.1	70.7	41.6	7.4
		4.9	90						
	13	1.9	50						
		2.6	60						
		3.3	70	53.8	1.4	58.3	61.7	37.3	6.7
		4.1	80	61.6	1.4	66.1	70.5	43.5	7.4
		5.1	90						
70	6.5	1.5	50	36.2	1.9	41.9	44.5	18.8	6.7
		1.9	60	41.4	2.0	47.3	53.6	21.1	6.3
		2.4	70	47.5	2.0	53.5	62.7	23.7	6.7
		3	80	53.7	2.0	59.7	71.7	26.6	6.9
		3.9	90						
	9.8	1.5	50	36.5	1.9	42.0	44.4	19.6	5.8
		2	60	42.5	1.9	48.1	53.5	22.5	6.4
		2.6	70	49.5	1.9	55.3	62.4	25.8	9.3
		3.3	80	56.7	1.9	62.5	71.3	29.7	10.7
		4	90						
	13	1.6	50	37.2	1.9	42.8	44.3	20.1	6.9
		2	60	42.0	1.9	47.6	53.6	22.5	5.5
		2.6	70	49.0	1.9	54.7	62.5	26.0	5.8
		3.3	80	56.8	1.9	62.5	71.2	30.4	7.9
		4.1	90						
90	6.5	1.3	50	32.2	2.4	39.1	45.1	13.4	5.6
		1.7	60	37.5	2.4	44.6	54.2	15.3	6.3
		2.1	70	43.3	2.5	50.7	63.3	17.3	7.9
		2.8	80	50.5	2.5	58.0	72.2	20.0	12.3
		3.4	90						
	9.8	1.3	50	32.8	2.3	39.5	45.0	14.1	5.7
		1.7	60	38.3	2.4	45.2	54.1	16.2	6.4
		2.1	70	44.2	2.4	51.3	63.2	18.4	6.8
		2.8	80	50.7	2.4	57.8	72.2	21.2	7.6
		3.3	90	55.5	2.4	62.6	81.4	23.2	7.0
	13	1.3	50	33.0	2.3	39.7	45.0	14.3	5.3
		1.9	60	41.7	2.4	48.6	58.6	17.7	6.8
		2.2	70	45.3	2.4	52.4	63.0	19.1	8.6
		2.8	80	51.4	2.4	58.4	72.1	21.8	8.2
		3.6	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW060 Cooling Performance - PART LOAD - 13 GPM (Continued)									
110	6.5	1.1	50	28.5	3.0	37.0	45.6	9.5	5.4
		1.5	60	33.7	3.1	42.5	54.8	11.0	7.5
		1.9	70	38.1	3.1	47.1	64.1	12.3	6.5
		2.6	80	45.0	3.1	54.1	73.1	14.3	7.6
		3.2	90						
	9.8	1.1	50	29.1	2.9	37.4	45.6	10.0	5.8
		1.5	60	34.8	3.0	43.4	54.7	11.8	9.6
		2	70	39.8	3.0	48.5	63.9	13.3	7.5
		2.5	80	45.9	3.0	54.7	72.9	15.3	8.7
		3.2	90						
	13	1.1	50	29.4	2.9	37.7	45.5	10.1	5.7
		1.5	60	34.7	2.9	43.1	54.7	11.8	7.3
		2	70	40.3	3.0	48.9	63.8	13.6	8.2
		2.3	80	44.1	3.0	52.7	73.2	14.9	6.0
		3.2	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW120 Cooling Performance - PART LOAD - 15 GPM									
50	15	1.3	50						
		1.7	60	50.5	1.4	55.0	53.3	35.8	4.0
		2.2	70	58.3	1.4	62.8	62.2	42.2	4.5
		2.7	80	66.5	1.4	70.8	71.1	49.1	4.8
		3.4	90	75.0	1.3	79.2	80.0	56.7	5.4
	22.5	1.3	50						
		1.7	60						
		2.2	70						
		2.8	80						
		3.5	90	75.9	1.4	80.6	79.8	52.9	5.4
	30	1.3	50						
		1.7	60						
		2.2	70						
		2.9	80						
		3.6	90	76.4	1.7	82.1	79.8	43.8	5.4
70	15	1	50	40.4	1.8	45.9	44.6	22.5	3.7
		1.3	60	47.0	1.8	52.6	53.7	25.9	4.3
		1.7	70	53.3	1.8	58.8	62.9	29.6	4.4
		2.2	80	61.5	1.8	67.0	71.8	34.6	5.3
		2.7	90						
	22.5	1	50	40.8	1.9	46.8	44.6	21.0	3.7
		1.3	60	47.5	2.0	53.5	53.7	24.3	4.3
		1.7	70	53.9	1.9	59.9	62.8	27.9	4.4
		2.2	80	62.2	1.9	68.1	71.7	32.7	5.1
		2.8	90	70.5	1.9	76.3	80.6	37.8	5.5
	30	1	50	40.9	2.3	48.0	44.6	18.1	3.7
		1.3	60	47.7	2.3	54.8	53.7	21.1	4.3
		1.7	70	54.1	2.2	61.2	62.8	24.2	4.4
		2.2	80	62.5	2.2	69.5	71.6	28.4	5.1
		2.8	90	70.9	2.2	77.8	80.5	32.9	5.5
90	15	0.8	50	36.5	2.2	43.1	45.2	16.3	3.9
		1.1	60	42.7	2.3	49.4	54.3	18.8	4.5
		1.4	70	49.6	2.3	56.3	63.4	22.0	5.1
		1.8	80	56.9	2.2	63.6	72.4	25.5	5.7
		2.3	90						
	22.5	0.8	50	36.8	2.4	43.9	45.1	15.5	3.8
		1.1	60	43.0	2.4	50.2	54.3	18.0	4.5
		1.4	70	50.1	2.4	57.2	63.3	21.1	5.1
		1.8	80	57.6	2.3	64.7	72.3	24.5	5.6
		2.3	90						
	30	0.8	50	36.9	2.7	45.0	45.1	13.9	3.8
		1.1	60	43.2	2.7	51.4	54.3	16.1	4.5
		1.4	70	50.3	2.7	58.5	63.3	19.0	5.0
		1.8	80	57.9	2.6	66.0	72.3	22.1	5.6
		2.3	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW120 Cooling Performance - PART LOAD - 15 GPM (Continued)									
110	15	0.7	50	32.4	2.8	40.5	45.7	11.6	4.0
		1	60	38.1	2.8	46.3	54.9	13.6	4.7
		1.3	70	44.6	2.8	52.8	64.1	15.9	5.5
		1.6	80	51.4	2.8	59.7	73.1	18.4	6.2
		2.3	90						
	22.5	0.7	50	32.7	2.9	41.2	45.7	11.2	4.0
		1	60	38.5	2.9	47.1	54.9	13.2	4.6
		1.3	70	45.0	2.9	53.6	64.0	15.5	5.4
		1.6	80	52.0	2.9	60.6	73.0	18.0	6.1
		2.3	90						
	30	0.7	50	32.8	3.2	42.2	45.6	10.3	4.0
		1	60	38.7	3.2	48.3	54.8	12.1	4.7
		1.2	70	45.3	3.2	54.8	64.0	14.2	5.4
		1.6	80	52.3	3.2	61.8	73.0	16.6	6.1
		2.3	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW120 Cooling Performance - PART LOAD - 22.5 GPM									
50	15	1.4	50						
		1.8	60	51.7	1.6	56.8	55.4	32.5	4.1
		2.3	70	59.8	1.6	64.8	64.7	38.3	4.6
		2.9	80	68.3	1.5	73.3	73.9	44.8	5.0
		3.6	90						
	22.5	1.4	50						
		1.8	60						
		2.4	70						
		3	80						
		3.8	90	78.2	1.6	83.4	83.0	49.1	5.6
	30	1.4	50						
		1.8	60						
		2.4	70						
		3.1	80						
		3.8	90						
70	15	1.1	50	41.0	2.0	47.2	46.4	20.5	3.8
		1.4	60	48.0	2.0	54.2	55.7	23.9	4.4
		1.8	70	54.6	2.0	60.8	65.1	27.6	4.7
		2.3	80	63.1	2.0	69.1	74.4	32.3	5.3
		3.5	90						
	22.5	1.1	50	41.4	2.1	48.1	46.3	19.3	3.8
		1.4	60	48.5	2.1	55.2	55.7	22.6	4.4
		1.8	70	55.1	2.1	61.8	65.1	26.2	4.5
		2.3	80	63.8	2.1	70.3	74.3	30.8	5.3
		3.6	90						
	30	1.1	50	41.6	2.5	49.3	46.3	16.9	3.8
		1.4	60	48.7	2.4	56.5	55.7	19.9	4.4
		1.8	70	55.5	2.4	63.1	65.1	23.0	4.5
		2.4	80	64.2	2.4	71.8	74.3	27.1	5.2
		3.6	90						
90	15	0.9	50	36.9	2.4	44.1	46.7	15.1	3.9
		1.1	60	43.3	2.5	50.7	56.2	17.7	4.6
		1.5	70	50.6	2.4	57.9	65.5	20.8	5.2
		1.9	80	58.3	2.4	65.6	74.8	24.2	5.8
		3.1	90						
	22.5	0.9	50	37.2	2.6	44.9	46.7	14.4	3.9
		1.2	60	43.8	2.6	51.6	56.1	17.0	4.6
		1.5	70	51.1	2.5	58.9	65.5	20.1	5.2
		2	80	59.0	2.5	66.7	74.7	23.4	5.7
		3.2	90						
	30	0.9	50	37.3	2.9	46.1	46.7	13.0	3.9
		1.2	60	44.0	2.9	52.8	56.1	15.3	4.6
		1.5	70	51.4	2.8	60.2	65.4	18.2	5.2
		2	80	59.3	2.8	68.0	74.7	21.2	5.7
		3.2	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW120 Cooling Performance - PART LOAD - 22.5 GPM (Continued)									
110	15	0.8	50	32.6	3.0	41.4	47.1	10.9	4.2
		1	60	38.7	3.0	47.5	56.6	12.9	4.9
		1.3	70	45.3	3.0	54.2	66.0	15.2	5.7
		1.7	80	52.5	3.0	61.3	75.3	17.7	6.4
		2.9	90						
	22.5	0.8	50	32.9	3.1	42.1	47.1	10.6	4.1
		1	60	39.0	3.1	48.3	56.5	12.5	4.9
		1.3	70	45.8	3.1	55.1	65.9	14.8	5.6
		1.7	80	53.1	3.1	62.3	75.3	17.3	6.3
		2.8	90						
	30	0.7	50	33.1	3.4	43.2	47.1	9.8	4.1
		1	60	39.2	3.4	49.4	56.5	11.6	4.9
		1.3	70	46.1	3.4	56.2	65.9	13.7	5.6
		1.7	80	53.4	3.3	63.5	75.2	16.1	6.3
		2.8	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW120 Cooling Performance - PART LOAD - 30 GPM									
50	15	1.4	50						
		1.8	60	51.5	1.9	57.8	56.6	26.7	4.2
		2.4	70	59.8	1.9	66.0	66.0	31.7	4.6
		3	80	68.6	1.8	74.6	75.4	37.2	5.1
		4.9	90						
	22.5	1.4	50						
		1.9	60						
		2.5	70						
		3.1	80						
		5	90						
	30	1.4	50						
		1.9	60						
		2.5	70						
		3.2	80						
		5.1	90	91.3	2.1	98.4	83.9	43.1	7.5
70	15	1.1	50	40.5	2.4	47.9	47.3	17.2	3.9
		1.4	60	47.7	2.3	55.0	56.8	20.3	4.5
		1.8	70	54.5	2.3	61.8	66.4	23.6	4.7
		2.4	80	63.1	2.3	70.3	75.8	27.8	5.4
		3.9	90						
	22.5	1.1	50	40.9	2.5	48.8	47.3	16.3	3.9
		1.5	60	48.2	2.5	56.1	56.8	19.5	4.5
		1.9	70	55.5	2.4	63.2	66.3	22.8	5.0
		2.4	80	63.9	2.4	71.5	75.7	26.8	5.3
		4.1	90						
	30	1.1	50	41.1	2.8	50.0	47.3	14.6	3.9
		1.5	60	48.5	2.8	57.4	56.8	17.4	4.4
		1.9	70	55.8	2.7	64.5	66.3	20.4	5.0
		2.4	80	64.3	2.7	73.0	75.7	24.0	5.3
		4.1	90						
90	15	0.9	50	36.2	2.8	44.7	47.6	13.0	4.0
		1.2	60	42.9	2.8	51.4	57.1	15.4	4.7
		1.6	70	50.3	2.8	58.8	66.6	18.2	5.3
		2	80	58.2	2.7	66.6	76.1	21.3	5.9
		3.3	90						
	22.5	0.9	50	36.5	2.9	45.5	47.6	12.5	4.0
		1.2	60	43.3	2.9	52.3	57.1	14.9	4.7
		1.6	70	50.9	2.9	59.8	66.6	17.7	5.3
		2	80	59.0	2.8	67.8	76.1	20.8	5.8
		3.3	90						
	30	0.9	50	36.7	3.2	46.7	47.6	11.4	4.0
		1.2	60	43.6	3.2	53.5	57.1	13.6	4.7
		1.6	70	51.2	3.2	61.1	66.6	16.2	5.3
		2	80	59.3	3.1	69.1	76.0	19.1	5.8
		3.3	90						

Cooling Performance - Part Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW120 Cooling Performance - PART LOAD - 30 GPM (Continued)									
110	15	0.8	50	31.9	3.3	41.8	47.9	9.5	4.2
		1	60	38.1	3.3	48.1	57.5	11.4	4.9
		1.4	70	44.9	3.3	54.9	67.0	13.5	5.7
		1.8	80	52.2	3.3	62.2	76.5	15.9	6.4
		2.9	90						
	22.5	0.8	50	32.2	3.5	42.6	47.9	9.3	4.2
		1	60	38.5	3.5	48.9	57.4	11.1	4.9
		1.4	70	45.5	3.4	55.8	67.0	13.3	5.7
		1.8	80	52.9	3.4	63.2	76.5	15.7	6.4
		2.9	90						
	30	0.8	50	32.3	3.7	43.6	47.9	8.6	4.2
		1	60	38.6	3.7	50.0	57.4	10.4	4.9
		1.4	70	45.7	3.7	57.0	67.0	12.4	5.6
		1.8	80	53.2	3.6	64.4	76.4	14.6	6.3
		2.9	90						

Cooling Performance - Full Load

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW024 Cooling Performance - FULL LOAD - 4 GPM									
50	4	0.7	50	21.9	0.8	24.3	39.1	26.4	2.0
		0.9	60	25.4	0.9	27.9	47.3	29.8	2.2
		1.1	70	29.0	0.9	31.6	55.5	33.4	2.4
		1.3	80	31.6	0.9	34.2	64.2	35.9	2.1
		1.6	90	37.0	0.9	39.6	71.4	40.7	2.8
	6	0.7	50						
		0.9	60						
		1	70	28.1	0.8	30.4	56.0	36.3	1.7
		1.4	80	33.6	0.8	36.0	63.2	42.8	2.6
		1.8	90	38.3	0.8	40.7	70.8	48.5	3.1
	8	0.7	50						
		0.9	60						
		1.2	70						
		1.4	80	32.6	0.7	34.8	63.7	44.5	2.0
		1.8	90	38.8	0.7	41.0	70.5	53.3	2.6
70	4	0.6	50	20.4	1.1	23.4	39.9	18.2	2.2
		0.7	60	23.4	1.1	26.6	48.3	20.4	1.7
		0.9	70	26.8	1.2	30.2	56.6	22.8	2.4
		1.2	80	31.6	1.2	35.1	64.2	26.0	4.1
		1.4	90	35.0	1.2	38.5	72.4	28.3	3.3
	6	0.5	50	19.6	1.1	22.5	40.3	18.4	1.6
		0.7	60	23.7	1.1	26.8	48.2	21.8	2.1
		0.9	70	27.7	1.1	30.8	56.2	24.9	2.5
		1.2	80	32.0	1.1	35.3	64.0	28.3	3.5
		1.5	90	36.1	1.1	39.4	71.9	31.6	3.7
	8	0.5	50	20.0	1.1	22.9	40.1	19.0	1.6
		0.7	60	23.9	1.1	26.9	48.1	22.3	2.1
		0.9	70	28.0	1.1	31.1	56.0	25.8	2.5
		1.2	80	32.2	1.1	35.3	63.9	29.4	3.2
		1.5	90	36.7	1.1	39.8	71.6	33.4	3.2
90	4	0.5	50	18.1	1.4	21.9	41.0	12.8	1.7
		0.6	60	21.3	1.5	25.3	49.4	14.7	2.0
		0.8	70	25.1	1.5	29.2	57.5	16.8	2.8
		1.1	80	29.1	1.5	33.4	65.4	18.9	3.2
		1.3	90	32.3	1.6	36.7	73.8	20.6	3.3
	6	0.5	50	19.1	1.4	22.8	40.5	13.9	2.0
		0.6	60	22.1	1.4	25.9	49.0	15.8	2.4
		0.8	70	25.6	1.4	29.6	57.2	17.9	2.7
		1.1	80	29.9	1.5	33.9	65.0	20.5	4.1
		1.3	90	33.6	1.5	37.8	73.1	22.7	4.2
	8	0.5	50	19.3	1.4	23.0	40.4	14.1	2.8
		0.6	60	22.7	1.4	26.5	48.7	16.4	3.3
		0.8	70	25.8	1.4	29.7	57.1	18.4	2.8
		1	80	29.7	1.4	33.7	65.1	20.9	3.4
		1.3	90	34.1	1.4	38.1	72.9	23.7	3.5

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW024 Cooling Performance - FULL LOAD - 4 GPM (Continued)									
110	4	0.4	50	17.2	1.8	22.0	41.5	9.5	2.2
		0.6	60	20.2	1.9	25.2	49.9	10.9	2.6
		0.8	70	23.5	1.9	28.7	58.3	12.4	3.2
		1	80	26.1	1.9	31.4	66.9	13.6	3.1
		1.3	90	31.0	2.0	36.4	74.5	15.8	3.9
	6	0.4	50	17.4	1.8	22.0	41.4	9.9	2.2
		0.6	60	20.3	1.8	25.1	49.9	11.4	2.5
		0.7	70	23.2	1.8	28.2	58.4	12.8	2.9
		0.9	80	26.7	1.8	31.7	66.6	14.5	3.4
		1.1	90	28.6	1.9	33.7	75.6	15.4	2.5
	8	0.4	50	16.8	1.7	21.4	41.6	9.7	1.9
		0.6	60	20.6	1.8	25.4	49.7	11.7	2.6
		0.7	70	23.6	1.8	28.4	58.2	13.2	2.9
		0.7	80	23.4	1.8	28.2	68.3	13.2	1.6
		1.2	90	31.0	1.8	36.1	74.4	17.0	4.2

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW024 Cooling Performance - FULL LOAD - 6 GPM									
50	4	0.8	50	23.3	0.8	25.7	42.3	27.6	2.1
		1	60	27.1	0.9	29.7	51.0	31.3	2.4
		1.2	70	31.2	0.9	33.9	59.6	35.2	2.7
		1.5	80	35.7	0.9	38.3	68.1	39.2	3.0
		1.9	90	40.2	0.9	43.0	76.5	43.3	3.4
	6	0.8	50						
		1	60	27.6	0.8	29.9	50.8	35.1	2.3
		1.3	70	31.9	0.8	34.3	59.4	40.4	2.7
		1.6	80	36.5	0.8	38.9	67.8	45.9	3.0
		2	90	41.3	0.8	43.7	76.2	52.0	3.3
	8	0.8	50						
		1	60						
		1.3	70	32.2	0.7	34.5	59.3	43.3	2.6
		1.7	80	36.9	0.7	39.2	67.7	50.1	3.0
		2.1	90	41.9	0.7	44.0	76.0	57.7	3.3
70	4	0.6	50	21.5	1.1	24.6	42.9	19.0	2.1
		0.8	60	25.0	1.2	28.2	51.7	21.4	2.3
		1	70	28.8	1.2	32.2	60.4	24.1	2.7
		1.3	80	33.7	1.2	37.2	68.7	27.3	4.3
		1.6	90	37.4	1.3	41.0	77.5	29.7	3.3
	6	0.6	50	21.8	1.1	24.9	42.8	20.1	2.1
		0.8	60	25.6	1.1	28.7	51.5	23.1	2.5
		1	70	28.2	1.1	31.4	60.6	25.3	2.1
		1.3	80	33.6	1.1	36.9	68.8	29.5	2.9
		1.6	90	37.7	1.2	40.9	77.4	32.8	2.9
	8	0.6	50	22.0	1.1	25.0	42.7	20.6	2.1
		0.8	60	25.8	1.1	28.9	51.4	23.8	2.4
		1.1	70	29.9	1.1	33.1	60.0	27.4	2.8
		1.4	80	34.1	1.1	37.3	68.6	31.0	3.0
		1.7	90	39.0	1.1	42.2	76.9	35.4	3.3
90	4	0.5	50	19.7	1.4	23.6	43.5	13.7	2.4
		0.7	60	23.0	1.5	27.0	52.4	15.6	2.3
		0.9	70	27.2	1.5	31.4	60.9	17.9	3.1
		1.2	80	30.9	1.6	35.3	69.7	19.8	4.1
		1.4	90	34.1	1.6	38.5	78.6	21.5	3.1
	6	0.5	50	20.3	1.4	24.1	43.3	14.6	2.2
		0.7	60	23.0	1.4	26.9	52.4	16.3	2.2
		0.9	70	26.7	1.4	30.7	61.1	18.5	2.5
		1.1	80	30.6	1.5	34.7	69.8	20.9	2.8
		1.5	90	35.9	1.5	40.1	78.0	24.0	3.7
	8	0.5	50	19.7	1.4	23.4	43.5	14.4	1.9
		0.7	60	23.3	1.4	27.1	52.3	16.7	2.2
		0.9	70	28.0	1.4	32.0	60.7	19.7	4.1
		1.2	80	31.9	1.4	36.0	69.3	22.2	3.9
		1.5	90	36.1	1.4	40.1	77.9	24.9	4.0

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW024 Cooling Performance - FULL LOAD - 6 GPM (Continued)									
110	4	0.5	50	17.9	1.8	22.8	44.1	9.8	2.3
		0.6	60	20.8	1.9	25.9	53.1	11.2	2.8
		0.8	70	24.2	1.9	29.4	61.9	12.7	3.2
		1.1	80	28.1	2.0	33.4	70.6	14.4	3.6
		1.4	90	31.5	2.0	36.9	79.5	16.0	4.0
	6	0.5	50	18.1	1.8	22.8	44.0	10.2	2.6
		0.7	60	21.7	1.8	26.6	52.8	12.1	2.8
		0.8	70	24.5	1.8	29.4	61.9	13.4	2.7
		1.1	80	29.1	1.9	34.3	70.3	15.7	5.2
		1.4							
	8	0.5	50	18.4	1.8	23.0	43.9	10.5	2.2
		0.6	60	20.9	1.8	25.6	53.1	11.8	2.5
		0.8	70	24.9	1.8	29.9	61.7	13.9	2.9
		1	80	28.4	1.8	33.4	70.5	15.7	3.0
		1.4							

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW024 Cooling Performance - FULL LOAD - 8 GPM									
50	4	0.8	50	24.1	0.9	26.6	44.0	28.0	2.1
		1	60	28.1	0.9	30.7	53.0	31.9	2.5
		1.3	70	32.4	0.9	35.1	61.9	35.9	2.8
		1.7	80	37.0	0.9	39.7	70.7	40.0	3.1
		2	90	41.8	0.9	44.6	79.5	44.4	3.5
	6	0.8	50						
		1.1	60	28.6	0.8	31.0	52.9	36.0	2.4
		1.4	70	33.2	0.8	35.6	61.7	41.4	2.8
		1.8	80	38.0	0.8	40.4	70.5	47.3	3.1
		2.2	90	43.0	0.8	45.4	79.2	53.7	3.4
	8	0.8	50						
		1.1	60						
		1.4	70	33.6	0.8	35.8	61.6	44.6	2.7
		1.8	80	38.5	0.7	40.7	70.4	51.9	3.1
		2.2	90	43.6	0.7	45.8	79.0	60.0	3.4
70	4	0.6	50	22.1	1.2	25.3	44.5	19.2	2.2
		0.9	60	26.0	1.2	29.3	53.5	21.9	2.6
		1.1	70	30.0	1.2	33.5	62.5	24.7	2.9
		1.4	80	34.3	1.2	37.9	71.4	27.5	3.3
		1.7	90	38.8	1.3	42.5	80.3	30.5	3.5
	6	0.7	50	22.5	1.1	25.6	44.4	20.5	2.2
		0.9	60	26.4	1.1	29.6	53.4	23.6	2.5
		1.1	70	30.7	1.1	34.0	62.3	27.0	2.9
		1.4	80	35.2	1.2	38.5	71.2	30.5	3.2
		1.8	90	39.9	1.2	43.2	80.0	34.3	3.6
	8	0.7	50	22.7	1.1	25.7	44.4	21.0	2.2
		0.9	60	26.7	1.1	29.8	53.3	24.4	2.5
		1.1	70	31.0	1.1	34.2	62.2	28.1	2.8
		1.5	80	35.6	1.1	38.8	71.1	32.1	3.2
		1.8	90	40.5	1.1	43.7	79.8	36.5	3.5
90	4	0.5	50	20.2	1.5	24.1	45.0	13.9	2.4
		0.8	60	24.3	1.5	28.5	53.9	16.2	4.2
		0.9	70	27.0	1.5	31.3	63.2	17.7	2.6
		1.2	80	31.0	1.6	35.3	72.2	19.7	3.0
		1.6	90						
	6	0.6	50	20.7	1.4	24.5	44.9	14.7	2.6
		0.7	60	24.3	1.4	28.2	54.0	16.9	2.7
		1	70	28.1	1.5	32.2	63.0	19.2	3.0
		1.2	80	31.9	1.5	36.0	72.0	21.5	3.0
		1.5	90	36.2	1.5	40.4	80.9	24.1	3.3
	8	0.5	50	20.3	1.4	24.0	45.0	14.7	2.0
		0.7	60	24.1	1.4	28.0	54.0	17.1	2.3
		1	70	28.8	1.4	32.8	62.8	20.1	3.7
		1.1	80	31.3	1.4	35.3	72.2	21.7	2.4
		1.5	90	36.7	1.5	40.8	80.8	25.2	3.3

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW024 Cooling Performance - FULL LOAD - 8 GPM (Continued)									
110	4	0.5	50	18.1	1.8	23.0	45.5	9.8	2.5
		0.7	60	21.7	1.9	26.8	54.6	11.5	3.3
		0.9	70	25.2	1.9	30.5	63.7	13.1	3.2
		1.2	80	29.0	2.0	34.4	72.7	14.7	4.4
		1.4	90						
	6	0.5	50	18.4	1.8	23.2	45.4	10.3	2.4
		0.7	60	22.4	1.8	27.4	54.4	12.3	2.9
		0.9	70	25.4	1.8	30.5	63.6	13.8	3.2
		1.1	80	29.2	1.9	34.4	72.7	15.7	3.4
		1.5	90						
	8	0.5	50	18.9	1.8	23.7	45.3	10.7	3.1
		0.7	60	22.5	1.8	27.3	54.4	12.6	2.8
		0.9	70	26.1	1.8	31.1	63.5	14.4	3.8
		1.1	80	29.8	1.8	34.9	72.5	16.3	3.9
		1.3	90	32.6	1.8	37.7	81.8	17.9	3.0

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW036 Cooling Performance - FULL LOAD - 4.5 GPM									
50	4.5	1.2	50	30.3	1.4	34.5	36.6	21.2	4.2
		1.5	60	34.8	1.5	39.2	44.6	23.6	4.9
		1.9	70	39.8	1.5	44.3	52.3	26.0	5.7
		2.3	80	44.8	1.6	49.6	60.1	28.3	6.4
		2.8	90	50.4	1.6	55.3	67.5	30.9	7.2
	6.8	1.2	50	30.8	1.4	34.8	36.4	22.6	4.1
		1.5	60	35.5	1.4	39.7	44.3	25.5	4.8
		1.9	70	40.6	1.4	45.0	52.0	28.3	5.6
		2.4	80	45.9	1.5	50.4	59.6	31.1	6.3
		3	90	51.7	1.5	56.3	66.9	34.2	6.9
	9	1.2	50	31.0	1.3	35.0	36.3	23.1	4.1
		1.6	60	35.8	1.4	39.9	44.2	26.2	4.8
		2	70	41.1	1.4	45.3	51.8	29.4	5.5
		2.5	80	46.5	1.4	50.8	59.3	32.4	6.2
		3.1	90	52.4	1.5	56.8	66.7	35.8	6.8
70	4.5	1	50	28.2	1.8	33.2	37.5	16.0	4.4
		1.2	60	32.6	1.8	37.8	45.6	17.9	5.2
		1.6	70	37.2	1.9	42.6	53.5	19.8	6.0
		2	80	42.1	1.9	47.7	61.3	21.8	6.8
		2.4	90	47.3	2.0	53.0	68.9	24.0	7.6
	6.8	1	50	28.7	1.7	33.5	37.3	16.9	4.4
		1.2	60	33.2	1.7	38.2	45.3	19.2	5.1
		1.6	70	38.0	1.8	43.1	53.1	21.5	5.9
		2	80	43.1	1.8	48.3	60.8	23.8	6.7
		2.5	90	48.6	1.8	53.9	68.3	26.5	7.5
	9	0.9	50	28.9	1.7	33.7	37.2	17.3	4.4
		1.2	60	33.5	1.7	38.4	45.2	19.7	5.1
		1.6	70	38.4	1.7	43.4	53.0	22.2	5.9
		2	80	43.6	1.8	48.7	60.6	24.8	6.6
		2.5	90	49.2	1.8	54.4	68.1	27.7	7.4
90	4.5	0.8	50	26.0	2.2	32.1	38.5	11.8	4.7
		1.1	60	30.2	2.3	36.5	46.7	13.3	5.6
		1.4	70	34.5	2.3	41.0	54.7	14.8	6.5
		1.8	80	39.1	2.4	45.8	62.6	16.5	7.4
		2.1	90	43.6	2.4	50.5	70.6	18.1	8.3
	6.8	0.8	50	26.4	2.1	32.3	38.3	12.4	4.6
		1.1	60	30.7	2.2	36.7	46.4	14.2	5.5
		1.4	70	35.2	2.2	41.5	54.4	16.0	6.4
		1.7	80	40.0	2.2	46.4	62.2	17.9	7.2
		2.2	90	45.6	2.3	52.1	69.7	20.1	9.0
	9	0.8	50	26.6	2.1	32.3	38.3	12.8	4.7
		1	60	30.9	2.1	36.9	46.3	14.5	5.4
		1.4	70	35.6	2.2	41.7	54.2	16.5	6.3
		1.7	80	40.5	2.2	46.7	62.0	18.6	7.1
		2.2	90	45.8	2.2	52.1	69.6	20.9	7.9

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW036 Cooling Performance - FULL LOAD - 4.5 GPM (Continued)									
110	4.5	0.8	50	23.7	2.8	31.2	39.5	8.6	5.0
		1	60	27.3	2.8	35.1	47.9	9.6	5.9
		1.3	70	31.4	2.9	39.4	56.1	10.9	7.0
		1.7	80	35.7	2.9	44.0	64.1	12.2	8.1
		2.1	90	40.1	3.0	48.5	72.1	13.5	8.9
	6.8	0.7	50	24.0	2.7	31.4	39.4	8.9	5.0
		1	60	27.7	2.7	35.3	47.7	10.2	5.8
		1.2	70	32.0	2.8	39.7	55.8	11.6	6.8
		1.6	80	36.5	2.8	44.3	63.8	13.1	8.0
		2	90	41.1	2.8	49.1	71.7	14.6	8.7
	9	0.7	50	24.0	2.7	31.4	39.4	8.9	5.0
		1	60	28.1	2.7	35.4	47.6	10.5	5.8
		1.2	70	32.2	2.7	39.8	55.7	11.9	6.7
		1.5	80	36.8	2.7	44.5	63.6	13.5	7.7
		1.9	90	41.6	2.7	49.3	71.5	15.2	8.5

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW036 Cooling Performance - FULL LOAD - 6.8 GPM									
50	4.5	1.3	50	32.5	1.5	36.8	40.4	22.3	4.5
		1.7	60	37.5	1.5	42.0	48.9	24.8	5.3
		2.1	70	42.8	1.6	47.5	57.3	27.2	6.1
		2.6	80	48.7	1.6	53.5	65.6	30.0	6.9
		3.2	90	54.7	1.7	59.7	73.7	32.6	7.6
	6.8	1.4	50	33.1	1.4	37.2	40.3	23.9	4.4
		1.8	60	38.3	1.4	42.6	48.7	26.9	5.2
		2.2	70	43.9	1.5	48.4	57.0	29.8	6.0
		2.8	80	50.0	1.5	54.5	65.2	33.2	6.7
		3.5	90	56.4	1.6	61.1	73.2	36.3	7.3
	9	1.4	50	33.4	1.4	37.5	40.2	24.6	4.4
		1.8	60	38.7	1.4	42.9	48.6	27.9	5.2
		2.3	70	44.5	1.4	48.8	56.8	31.1	6.0
		2.9	80	50.7	1.5	55.2	65.0	34.7	6.6
		3.6	90	57.3	1.5	61.9	73.0	38.2	7.2
70	4.5	1.1	50	30.2	1.8	35.3	41.1	16.8	4.8
		1.4	60	35.0	1.9	40.3	49.7	18.9	5.6
		1.8	70	40.0	1.9	45.5	58.2	20.8	6.5
		2.3	80	45.4	2.0	51.1	66.5	23.1	7.3
		2.8	90	51.1	2.0	57.0	74.8	25.4	8.1
	6.8	1.1	50	30.8	1.7	35.7	40.9	17.9	4.7
		1.4	60	35.7	1.8	40.8	49.5	20.3	5.5
		1.8	70	41.0	1.8	46.2	57.9	22.7	6.4
		2.3	80	46.7	1.8	52.0	66.2	25.5	7.2
		2.9	90	52.7	1.9	58.2	74.3	28.3	7.9
	9	1.1	50	31.0	1.7	35.9	40.9	18.3	4.7
		1.4	60	36.0	1.7	41.0	49.4	20.9	5.4
		1.8	70	41.5	1.8	46.6	57.7	23.6	6.3
		2.3	80	47.3	1.8	52.5	66.0	26.6	7.1
		2.9	90	53.5	1.8	58.9	74.1	29.7	7.8
90	4.5	0.9	50	27.7	2.2	33.9	41.8	12.4	5.1
		1.2	60	32.2	2.3	38.6	50.5	14.0	6.0
		1.6	70	36.9	2.4	43.6	59.1	15.6	7.0
		2	80	41.7	2.4	48.5	67.6	17.4	7.8
		2.5	90	47.0	2.4	54.0	76.0	19.2	8.7
	6.8	0.9	50	28.2	2.1	34.2	41.7	13.1	5.0
		1.2	60	32.9	2.2	39.0	50.3	15.0	5.9
		1.6	70	37.8	2.2	44.1	58.8	16.9	6.8
		2	80	43.1	2.3	49.6	67.2	19.1	7.7
		2.5	90	48.8	2.3	55.4	75.5	21.4	8.5
	9	0.9	50	28.4	2.1	34.4	41.6	13.4	5.0
		1.2	60	33.2	2.1	39.3	50.2	15.4	5.9
		1.6	70	38.2	2.2	44.5	58.7	17.5	6.8
		2	80	43.7	2.2	50.0	67.0	19.9	7.6
		2.5	90	49.5	2.2	55.9	75.3	22.4	8.4

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW036 Cooling Performance - FULL LOAD - 6.8 GPM (Continued)									
110	4.5	0.9	50	25.0	2.8	32.7	42.6	8.9	5.3
		1.2	60	29.1	2.9	37.0	51.4	10.2	6.4
		1.5	70	33.5	2.9	41.7	60.1	11.5	7.5
		1.9	80	38.2	3.0	46.6	68.6	12.9	8.5
		2.4	90	43.0	3.0	51.6	77.2	14.3	9.6
	6.8	0.8	50	25.6	2.7	33.0	42.5	9.4	5.3
		1.1	60	29.6	2.8	37.3	51.2	10.8	6.3
		1.4	70	34.3	2.8	42.1	59.8	12.3	7.3
		1.8	80	39.1	2.8	47.1	68.4	14.0	8.3
		2.3	90	44.3	2.8	52.3	76.8	15.7	9.3
	9	0.8	50	25.7	2.7	33.0	42.4	9.6	5.4
		1.1	60	29.9	2.7	37.4	51.2	11.0	6.2
		1.4	70	34.6	2.7	42.3	59.7	12.7	7.2
		1.8	80	39.6	2.7	47.4	68.2	14.5	8.2
		2.2	90	45.0	2.8	52.8	76.6	16.3	9.2

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW036 Cooling Performance - FULL LOAD - 9 GPM									
50	4.5	1.4	50	33.8	1.5	38.1	42.5	22.8	4.7
		1.8	60	39.1	1.5	43.6	51.3	25.3	5.5
		2.3	70	44.7	1.6	49.5	60.1	27.9	6.3
		2.9	80	50.8	1.7	55.8	68.7	30.7	7.1
		3.5	90	57.2	1.7	62.3	77.2	33.3	7.8
	6.8	1.5	50	34.4	1.4	38.7	42.4	24.5	4.6
		1.9	60	40.0	1.5	44.3	51.1	27.6	5.4
		2.4	70	45.9	1.5	50.4	59.8	30.7	6.2
		3.1	80	52.4	1.5	57.0	68.3	34.1	6.9
		3.8	90	59.1	1.6	63.9	76.8	37.3	7.5
	9	1.5	50	34.8	1.4	38.9	42.3	25.2	4.6
		1.9	60	40.4	1.4	44.7	51.0	28.6	5.4
		2.5	70	46.5	1.5	51.0	59.7	32.0	6.2
		3.2	80	53.2	1.5	57.8	68.2	35.8	6.9
		4	90	60.1	1.5	64.8	76.6	39.2	7.5
70	4.5	1.2	50	31.3	1.8	36.5	43.1	17.2	5.0
		1.5	60	36.3	1.9	41.7	52.0	19.3	5.9
		1.9	70	41.5	1.9	47.2	60.8	21.3	6.7
		2.4	80	47.3	2.0	53.1	69.5	23.8	7.6
		3	90	53.3	2.0	59.3	78.1	26.1	8.4
	6.8	1.2	50	31.9	1.7	37.0	42.9	18.3	4.9
		1.5	60	37.2	1.8	42.3	51.8	20.8	5.8
		2	70	42.6	1.8	48.0	60.5	23.4	6.6
		2.5	80	48.7	1.9	54.2	69.1	26.3	7.4
		3.2	90	55.1	1.9	60.7	77.7	29.1	8.1
	9	1.2	50	32.2	1.7	37.2	42.9	18.8	4.9
		1.5	60	37.6	1.7	42.7	51.7	21.5	5.7
		2	70	43.2	1.8	48.4	60.4	24.3	6.5
		2.5	80	49.5	1.8	54.8	69.0	27.5	7.3
		3.2	90	56.0	1.8	61.5	77.5	30.6	8.0
90	4.5	1	50	28.7	2.3	35.0	43.7	12.7	5.3
		1.3	60	33.3	2.3	39.9	52.6	14.3	6.2
		1.7	70	38.3	2.4	45.0	61.5	16.0	7.2
		2.1	80	43.7	2.4	50.6	70.3	17.9	8.1
		2.7	90	49.0	2.5	56.1	79.1	19.8	9.0
	6.8	1	50	29.2	2.2	35.3	43.5	13.5	5.2
		1.3	60	34.1	2.2	40.4	52.4	15.4	6.1
		1.7	70	39.2	2.3	45.7	61.3	17.4	7.1
		2.2	80	44.9	2.3	51.5	70.0	19.8	8.0
		2.7	90	50.9	2.3	57.5	78.6	22.1	8.8
	9	1	50	29.5	2.1	35.5	43.5	13.8	5.2
		1.3	60	34.4	2.2	40.6	52.4	15.9	6.1
		1.7	70	39.7	2.2	46.0	61.2	18.1	7.0
		2.2	80	45.6	2.2	52.0	69.8	20.7	7.9
		2.7	90	51.7	2.2	58.2	78.5	23.2	8.7

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW036 Cooling Performance - FULL LOAD - 9 GPM (Continued)									
110	4.5	0.9	50	25.8	2.8	33.6	44.3	9.1	5.6
		1.2	60	30.1	2.9	38.2	53.3	10.4	6.6
		1.6	70	34.8	2.9	43.0	62.3	11.8	7.8
		2	80	39.7	3.0	48.2	71.2	13.3	8.9
		2.5	90	44.7	3.0	53.4	80.0	14.7	10.0
	6.8	0.9	50	26.4	2.7	33.9	44.2	9.7	5.6
		1.2	60	30.7	2.8	38.5	53.2	11.1	6.5
		1.5	70	35.6	2.8	43.5	62.1	12.7	7.6
		2	80	40.7	2.8	48.7	70.9	14.4	8.6
		2.5	90	46.1	2.8	54.3	79.7	16.2	9.6
	9	0.9	50	26.7	2.7	34.2	44.1	9.9	5.6
		1.1	60	31.0	2.7	38.6	53.1	11.4	6.5
		1.5	70	36.0	2.7	43.7	62.0	13.1	7.5
		1.9	80	41.3	2.8	49.1	70.8	15.0	8.5
		2.4	90	46.8	2.8	54.8	79.5	17.0	9.4

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW048 Cooling Performance - FULL LOAD - 6 GPM									
50	6	1.8	50	38.8	1.8	44.1	37.2	22.1	6.1
		2.3	60	45.0	1.8	50.6	45.0	24.8	7.6
		2.9	70	51.5	1.9	57.2	52.9	27.3	8.7
		3.9	80	59.5	2.0	65.6	60.2	30.3	14.7
		4.5	90	66.3	2.0	72.5	67.8	32.6	9.3
	9	1.9	50						
		2.5	60	46.1	1.8	51.5	44.7	26.3	7.7
		2.8	70	49.9	1.8	55.4	53.4	27.9	6.2
		3.8	80	59.8	1.9	65.6	60.1	31.9	8.2
		4.9	90	67.4	1.9	73.5	67.5	34.6	9.1
	12	2	50						
		2.5	60						
		3	70	51.3	1.8	56.9	52.9	28.7	6.8
		4	80	60.4	1.9	66.3	59.8	32.5	8.1
		5.1	90	68.8	1.9	74.9	67.0	35.4	9.0
70	6	1.5	50	35.9	2.2	42.3	38.1	16.5	6.4
		1.8	60	40.9	2.2	47.5	46.4	18.4	6.9
		2.4	70	48.4	2.3	55.2	53.9	21.0	8.1
		3.1	80	55.3	2.3	62.3	61.5	23.6	11.5
		3.9	90	62.0	2.4	69.3	69.2	25.7	12.9
	9	1.5	50	36.3	2.1	42.5	38.0	17.5	6.5
		2	60	42.3	2.1	48.6	46.0	19.9	7.8
		2.5	70	49.1	2.2	55.7	53.6	22.6	8.3
		3.3	80	56.4	2.2	63.1	61.2	25.5	11.8
		4.1	90	63.9	2.3	70.8	68.6	28.2	13.5
	12	1.5	50	37.1	2.1	43.3	37.7	18.0	7.6
		1.9	60	41.8	2.1	48.0	46.1	20.0	6.4
		2.4	70	48.4	2.1	54.8	53.9	22.7	7.9
		3.2	80	56.7	2.2	63.2	61.1	26.2	9.9
		4.1	90	64.6	2.2	71.3	68.4	29.2	9.7
90	6	1.3	50	33.1	2.8	41.1	39.0	11.9	7.8
		1.7	60	38.3	2.8	46.6	47.3	13.5	8.9
		2	70	41.8	2.9	50.2	56.1	14.5	7.0
		2.8	80	50.4	2.9	59.0	63.2	17.2	10.8
		3.5	90	57.0	3.0	65.8	70.9	19.1	11.8
	9	1.3	50	33.9	2.7	41.7	38.8	12.7	8.8
		1.7	60	39.3	2.7	47.2	47.0	14.5	7.5
		2.2	70	45.0	2.8	53.2	55.0	16.4	9.9
		2.8	80	52.3	2.8	60.5	62.5	18.9	12.6
		3.5	90	58.7	2.8	67.0	70.4	21.0	13.4
	12	1.2	50	32.9	2.6	40.5	39.1	12.5	5.6
		1.7	60	39.3	2.7	47.1	47.0	14.8	7.7
		2.2	70	45.3	2.7	53.3	54.9	16.8	9.9
		2.8	80	52.1	2.7	60.2	62.6	19.4	10.2
		3.6	90	60.0	2.7	68.1	69.9	22.1	14.4

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW048 Cooling Performance - FULL LOAD - 6 GPM (Continued)									
110	6	1.2	50	29.7	3.6	39.9	40.1	8.3	7.3
		1.6	60	35.0	3.6	45.4	48.4	9.6	8.3
		2.1	70	40.2	3.7	50.9	56.6	11.0	10.3
		2.7	80	46.4	3.7	57.3	64.5	12.5	13.7
		3.4	90	52.7	3.7	63.8	72.4	14.1	15.9
	9	1.2	50	30.5	3.5	40.4	39.9	8.8	8.0
		1.6	60	35.9	3.5	46.0	48.1	10.3	9.8
		2.1	70	41.3	3.5	51.5	56.2	11.8	9.8
		2.6	80	47.2	3.5	57.5	64.3	13.4	11.8
		3.3	90	54.1	3.5	64.5	71.9	15.4	12.5
	12	1.2	50	30.5	3.4	40.3	39.9	8.9	7.4
		1.6	60	35.7	3.4	45.6	48.1	10.4	8.4
		2	70	40.6	3.4	50.6	56.5	11.8	8.7
		2.4	80	45.2	3.4	55.3	64.9	13.2	8.5
		3.3	90	54.8	3.4	65.0	71.7	16.0	14.7

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW048 Cooling Performance - FULL LOAD - 9 GPM									
50	6	2	50	40.8	1.8	46.2	41.0	22.8	6.0
		2.6	60	48.4	1.9	54.1	49.3	25.9	8.6
		3.4	70	55.9	1.9	61.9	57.6	28.8	10.3
		4	80	61.7	2.0	67.8	66.3	30.9	8.6
		5.3	90	71.6	2.1	78.1	74.0	33.8	10.1
	9	2.2	50	42.4	1.7	47.8	40.6	24.4	7.0
		2.7	60	48.8	1.8	54.3	49.2	27.2	7.5
		3.5	70	56.1	1.9	61.9	57.5	30.3	8.3
		4.7	80	65.6	1.9	71.7	65.4	33.8	11.8
		5.8	90	74.2	2.0	80.6	73.5	36.3	12.9
	12	2.2	50						
		2.9	60	50.2	1.8	55.8	48.9	28.0	8.3
		3.7	70	57.6	1.9	63.4	57.2	31.1	8.8
		4.7	80	65.5	1.9	71.5	65.4	34.0	9.6
		5.5	90	71.8	2.0	78.1	74.0	36.0	8.4
70	6	1.5	50	36.6	2.2	43.0	41.9	16.7	5.7
		2.1	60	44.5	2.3	51.2	50.2	19.5	8.4
		2.7	70	51.0	2.3	58.0	58.7	21.9	9.3
		3.6	80	58.9	2.4	66.1	66.9	24.6	11.0
		4.5	90	66.6	2.5	74.1	75.1	26.9	13.0
	9	1.7	50	39.5	2.1	45.8	41.3	18.6	7.4
		2.2	60	45.8	2.2	52.3	49.8	21.2	9.5
		2.7	70	51.2	2.2	57.8	58.6	23.3	7.8
		3.7	80	60.6	2.3	67.4	66.5	26.9	10.0
		4.7	90	69.1	2.3	76.2	74.6	29.7	11.8
	12	1.7	50	39.5	2.1	45.8	41.3	18.9	7.4
		2.3	60	46.3	2.1	52.8	49.7	21.8	8.6
		2.8	70	51.5	2.2	58.0	58.6	23.9	7.5
		3.8	80	62.2	2.2	68.9	66.2	28.1	13.9
		4.8	90	69.8	2.3	76.8	74.4	30.7	11.8
90	6	1.4	50	34.9	2.8	43.1	42.3	12.4	6.7
		1.9	60	41.2	2.9	49.7	50.9	14.2	7.9
		2.5	70	47.3	2.9	55.9	59.5	16.1	9.9
		3.2	80	54.2	3.0	63.0	67.9	18.2	11.8
		4	90	61.6	3.0	70.7	76.2	20.3	11.4
	9	1.5	50	35.9	2.7	43.8	42.1	13.3	8.1
		1.9	60	41.9	2.7	50.0	50.7	15.3	9.8
		2.5	70	48.4	2.8	56.6	59.3	17.5	9.3
		3.1	80	54.3	2.8	62.6	67.9	19.5	9.8
		3.8	90	60.8	2.8	69.2	76.4	21.6	10.3
	12	1.5	50	36.2	2.7	43.9	42.0	13.6	7.4
		1.9	60	42.6	2.7	50.6	50.6	15.8	10.4
		2.5	70	49.0	2.7	57.1	59.1	18.1	8.7
		3	80	53.9	2.7	61.9	68.0	19.9	8.3
		4.2	90	65.1	2.8	73.4	75.5	23.6	16.5

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW048 Cooling Performance - FULL LOAD - 9 GPM (Continued)									
110	6	1.4	50	31.9	3.6	42.2	43.0	8.8	8.9
		1.8	60	37.0	3.7	47.6	51.8	10.1	8.9
		2.4	70	42.9	3.7	53.7	60.5	11.6	11.0
		3.1	80	50.0	3.7	61.0	68.9	13.4	14.5
		3.8	90	56.4	3.8	67.6	77.4	14.9	15.0
	9	1.3	50	32.0	3.5	42.0	42.9	9.2	7.1
		1.8	60	38.2	3.5	48.3	51.6	10.9	10.5
		2.3	70	43.8	3.5	54.1	60.3	12.4	11.2
		3	80	51.3	3.5	61.7	68.6	14.5	13.8
		3.6	90	56.0	3.5	66.5	77.5	15.8	11.2
	12	1.3	50	32.0	3.4	41.9	42.9	9.3	7.0
		1.7	60	38.1	3.5	48.2	51.6	11.0	9.3
		2.3	70	44.3	3.4	54.4	60.2	12.9	10.0
		2.9	80	51.3	3.4	61.4	68.6	14.9	10.6
		3.8	90	59.1	3.4	69.4	76.8	17.2	12.1

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW048 Cooling Performance - FULL LOAD - 12 GPM									
50	6	2.2	50	43.1	1.8	48.7	42.9	23.4	7.4
		2.8	60	49.9	1.9	55.7	51.7	26.1	8.1
		3.6	70	58.0	2.0	64.1	60.3	29.2	10.3
		4.6	80	66.4	2.1	72.8	68.9	32.0	11.4
		5.7	90	74.7	2.2	81.4	77.5	34.2	12.1
	9	2.3	50	44.1	1.8	49.6	42.7	24.7	7.4
		3	60	51.4	1.8	57.1	51.5	27.8	8.5
		3.8	70	59.1	1.9	65.1	60.1	31.0	9.1
		5	80	68.0	2.0	74.3	68.6	34.1	10.8
		6.2	90	77.3	2.1	83.9	77.1	36.6	12.2
	12	2.4	50						
		3.1	60	52.4	1.8	58.1	51.3	28.4	8.7
		4	70	60.0	1.9	66.0	60.0	31.6	9.1
		5.1	80	68.6	2.0	74.8	68.5	34.6	9.9
		6.6	90	78.7	2.1	85.3	76.8	37.3	12.2
70	6	1.7	50	38.6	2.2	45.2	43.6	17.2	6.1
		2.3	60	47.0	2.3	53.9	52.2	20.2	7.9
		3	70	53.6	2.4	60.8	61.1	22.6	9.9
		3.9	80	62.1	2.5	69.5	69.6	25.3	14.0
		4.7	90	68.6	2.5	76.2	78.5	27.1	11.6
	9	1.8	50	40.8	2.2	47.2	43.2	18.9	7.7
		2.4	60	48.0	2.2	54.7	52.0	21.7	11.2
		3.1	70	54.4	2.2	61.1	60.9	24.3	9.3
		4	80	62.3	2.3	69.2	69.6	27.2	10.8
		5.3	90	73.0	2.4	80.4	77.8	30.4	18.1
	12	1.9	50	41.0	2.1	47.3	43.2	19.3	7.1
		2.4	60	47.5	2.2	54.0	52.1	22.0	8.2
		3.2	70	55.6	2.2	62.3	60.7	25.3	9.7
		4.1	80	64.0	2.3	70.9	69.3	28.4	9.6
		5.2	90	73.2	2.3	80.4	77.7	31.4	10.6
90	6	1.5	50	36.0	2.9	44.4	44.0	12.6	7.3
		1.6	60	37.3	2.9	45.6	53.8	12.9	4.0
		2.6	70	48.7	3.0	57.4	61.9	16.4	10.5
		3.4	80	56.3	3.0	65.3	70.6	18.6	10.7
		4.4	90	64.7	3.1	74.0	79.2	20.8	16.5
	9	1.5	50	36.0	2.7	44.0	44.0	13.2	6.4
		2	60	43.3	2.8	51.5	52.8	15.5	9.3
		2.7	70	50.5	2.8	58.8	61.6	18.1	11.6
		3.4	80	58.3	2.8	66.7	70.3	20.6	12.4
		4.4	90	66.3	2.9	74.9	78.9	23.0	12.3
	12	1.4	50	34.8	2.7	42.6	44.2	13.0	5.0
		2.1	60	43.8	2.7	51.9	52.7	16.1	10.0
		2.7	70	51.2	2.7	59.4	61.5	18.7	11.6
		3.5	80	58.9	2.8	67.1	70.2	21.4	11.7
		4.4	90	66.9	2.8	75.4	78.8	24.0	13.6

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW048 Cooling Performance - FULL LOAD - 12 GPM (Continued)									
110	6	1.5	50	32.8	3.6	43.3	44.6	9.0	11.5
		1.9	60	38.2	3.7	48.9	53.7	10.3	11.0
		2.3	70	41.3	3.7	52.2	63.1	11.1	7.0
		3.3	80	51.5	3.8	62.7	71.4	13.7	15.5
		4.1	90	58.1	3.8	69.4	80.3	15.2	15.5
	9	1.3	50	31.4	3.5	41.4	44.8	9.0	6.2
		1.9	60	39.2	3.5	49.6	53.5	11.1	11.9
		2.4	70	44.6	3.5	55.0	62.6	12.6	9.7
		3.2	80	52.4	3.6	62.9	71.2	14.8	12.7
		4.1	90	60.8	3.6	71.5	79.8	16.9	18.6
	12	1.4	50	33.7	3.5	43.8	44.4	9.7	9.3
		1.8	60	39.3	3.5	49.5	53.5	11.3	9.5
		2.2	70	42.7	3.5	52.9	62.9	12.3	6.7
		2.7	80	48.9	3.5	59.0	71.8	14.1	6.9
		4	90	61.1	3.5	71.4	79.8	17.5	14.1

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW060 Cooling Performance - FULL LOAD - 9.5 GPM									
50	6.5	2.5	50	46.6	2.3	53.6	35.8	20.7	10.4
		3.2	60	54.0	2.3	61.2	43.5	23.1	12.1
		4.1	70	61.6	2.4	69.1	51.1	25.8	13.7
		5	80	69.6	2.5	77.3	58.6	28.4	15.3
		6.1	90	77.6	2.5	85.5	66.1	30.8	16.8
	9.8	2.7	50	47.5	2.1	54.2	35.5	22.3	10.3
		3.4	60	55.1	2.2	61.9	43.1	25.3	11.9
		4.3	70	63.3	2.2	70.3	50.6	28.6	13.6
		5.4	80	71.4	2.2	78.5	58.0	31.8	14.9
		6.5	90	79.8	2.3	87.0	65.4	35.0	16.3
	13	2.7	50						
		3.5	60	55.7	2.1	62.4	42.9	26.2	11.8
		4.4	70	63.9	2.1	70.7	50.4	29.8	13.4
		5.5	80	72.2	2.2	79.1	57.8	33.4	14.8
		6.8	90	81.1	2.2	88.0	65.0	37.1	16.1
70	6.5	2.1	50	44.0	2.8	52.6	36.6	15.4	11.3
		2.7	60	50.5	2.9	59.4	44.5	17.3	12.9
		3.4	70	57.5	3.0	66.7	52.3	19.3	14.6
		4.3	80	65.0	3.1	74.3	60.0	21.3	16.2
		5	90	70.7	3.1	80.2	68.2	22.8	14.2
	9.8	2.2	50	44.8	2.7	53.1	36.3	16.5	11.2
		2.8	60	51.3	2.8	59.8	44.3	18.5	12.6
		3.5	70	59.0	2.8	67.7	51.9	21.1	14.4
		4.4	80	66.5	2.8	75.3	59.5	23.4	15.7
		5.5	90	75.0	2.9	83.9	66.9	26.0	16.9
	13	2.2	50	45.2	2.7	53.4	36.2	16.9	11.1
		2.8	60	52.2	2.7	60.6	44.0	19.2	12.7
		3.6	70	59.7	2.7	68.2	51.7	21.8	14.2
		4.5	80	67.8	2.8	76.3	59.1	24.6	15.7
		5.6	90	75.9	2.8	84.6	66.6	27.3	16.6
90	6.5	1.9	50	39.8	3.5	50.3	37.9	11.2	11.4
		2.4	60	46.2	3.6	57.1	45.8	12.7	13.5
		3.1	70	53.2	3.7	64.4	53.6	14.4	15.6
		3.8	80	59.1	3.8	70.6	61.8	15.7	14.8
		4.9	90	67.9	3.9	79.8	69.0	17.6	19.8
	9.8	1.8	50	40.5	3.4	50.7	37.6	11.9	11.3
		2.4	60	47.3	3.5	57.7	45.5	13.6	13.3
		3.1	70	54.5	3.5	65.1	53.3	15.6	15.3
		3.9	80	61.7	3.5	72.6	61.0	17.4	17.0
		4.4	90	65.3	3.6	76.1	69.9	18.4	11.9
	13	1.8	50	40.9	3.4	50.9	37.5	12.2	11.2
		2.4	60	47.6	3.4	57.9	45.4	14.0	13.2
		3.1	70	55.1	3.4	65.5	53.1	16.1	15.1
		3.9	80	62.5	3.4	73.1	60.8	18.1	16.8
		4.9	90	71.0	3.5	81.7	68.1	20.4	19.7

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW060 Cooling Performance - FULL LOAD - 9.5 GPM (Continued)									
110	6.5	1.9	50	36.3	4.5	49.5	38.9	8.1	12.6
		2.4	60	42.2	4.6	55.8	47.1	9.3	14.6
		3	70	48.1	4.6	62.1	55.2	10.4	15.5
		3.9	80	55.4	4.7	69.7	62.9	11.7	19.0
		4.8	90	62.6	4.8	77.3	70.7	13.0	21.4
	9.8	1.8	50	37.1	4.3	49.9	38.7	8.6	12.5
		2.3	60	43.0	4.4	56.0	46.8	9.9	14.3
		2.9	70	49.6	4.4	62.9	54.8	11.3	16.8
		3.7	80	56.8	4.4	70.3	62.5	12.8	19.0
		4.7	90	64.3	4.5	78.0	70.1	14.3	20.0
	13	1.8	50	37.6	4.3	50.2	38.5	8.9	12.8
		2.2	60	43.4	4.3	56.2	46.7	10.1	14.2
		2.9	70	50.2	4.3	63.2	54.6	11.7	16.2
		3.7	80	58.3	4.3	71.4	62.0	13.5	18.9
		4.6	90	65.8	4.4	79.1	69.7	15.1	20.7

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW060 Cooling Performance - FULL LOAD - 9.8 GPM									
50	6.5	2.9	50	50.1	2.3	57.4	39.8	21.6	11.2
		3.7	60	58.5	2.4	65.9	48.1	24.5	13.1
		4.7	70	67.3	2.5	75.0	56.3	27.4	14.9
		5.9	80	76.2	2.5	84.1	64.4	30.2	16.6
		7.2	90	85.4	2.6	93.5	72.5	32.9	18.2
	9.8	3	50	51.2	2.2	58.0	39.6	23.4	11.0
		3.9	60	59.9	2.2	66.9	47.8	27.0	12.8
		5	70	69.1	2.3	76.2	55.9	30.7	14.6
		6.3	80	78.6	2.3	85.8	63.9	34.3	16.2
		7.8	90	88.1	2.3	95.5	72.0	37.8	17.6
	13	3.1	50	51.7	2.1	58.5	39.5	24.2	11.0
		4.1	60	60.6	2.2	67.4	47.7	28.1	12.7
		5.2	70	70.0	2.2	76.9	55.7	32.2	14.5
		6.6	80	79.7	2.2	86.7	63.7	36.3	16.0
		8.1	90	89.4	2.2	96.5	71.7	40.3	17.3
70	6.5	2.4	50	46.4	2.9	55.2	40.6	16.0	11.6
		3.1	60	54.2	3.0	63.3	49.0	18.2	13.7
		4	70	62.5	3.0	71.8	57.3	20.5	15.8
		5	80	70.8	3.1	80.5	65.5	22.7	17.5
		6.2	90	79.5	3.2	89.4	73.7	24.8	19.3
	9.8	2.4	50	47.4	2.8	55.8	40.4	17.1	11.5
		3.2	60	55.5	2.8	64.1	48.7	19.8	13.5
		4.1	70	64.2	2.8	72.9	56.9	22.6	15.4
		5.2	80	73.0	2.9	81.9	65.1	25.3	17.1
		6.5	90	82.4	2.9	91.5	73.1	28.1	18.7
	13	2.5	50	48.9	2.7	57.2	40.1	17.9	12.1
		3.2	60	56.2	2.7	64.6	48.6	20.5	13.4
		4.2	70	65.0	2.8	73.6	56.7	23.5	15.3
		5.4	80	74.4	2.8	83.1	64.8	26.7	17.1
		6.7	90	83.7	2.8	92.5	72.9	29.7	18.5
90	6.5	2.1	50	43.1	3.6	54.0	41.3	11.9	13.3
		2.7	60	49.7	3.7	60.8	49.9	13.5	14.5
		3.6	70	57.3	3.8	68.8	58.3	15.2	16.6
		4.5	80	65.4	3.9	77.2	66.6	17.0	18.9
		5.6	90	73.5	3.9	85.6	75.0	18.6	20.6
	9.8	2.1	50	44.1	3.5	54.5	41.1	12.7	13.1
		2.8	60	50.9	3.5	61.5	49.6	14.5	14.3
		3.6	70	58.9	3.5	69.7	58.0	16.6	16.3
		4.6	80	67.4	3.6	78.4	66.2	18.8	18.3
		5.7	90	76.5	3.6	87.7	74.3	21.0	20.4
	13	2.1	50	44.6	3.4	54.9	41.0	13.1	13.0
		2.8	60	51.5	3.4	61.9	49.5	15.0	14.2
		3.6	70	59.7	3.5	70.3	57.8	17.3	16.2
		4.6	80	68.7	3.5	79.4	66.0	19.7	18.4
		5.8	90	77.7	3.5	88.5	74.1	22.1	20.1

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW060 Cooling Performance - FULL LOAD - 9.8 GPM (Continued)									
110	6.5	2.1	50	38.7	4.5	52.2	42.1	8.5	13.6
		2.7	60	44.7	4.6	58.6	50.9	9.7	15.4
		3.5	70	52.1	4.7	66.4	59.4	11.1	18.0
		4.4	80	59.4	4.8	74.0	67.9	12.4	20.5
		5.6	90	67.7	4.9	82.7	76.1	13.8	23.1
	9.8	2	50	39.6	4.4	52.5	42.0	9.1	13.4
		2.6	60	45.8	4.4	59.0	50.7	10.4	15.0
		3.4	70	54.0	4.4	67.4	59.0	12.1	18.1
		4.3	80	61.8	4.5	75.4	67.4	13.7	20.3
		5.4	90	70.0	4.6	83.9	75.7	15.4	22.3
	13	2	50	40.0	4.3	52.7	41.9	9.3	13.3
		2.6	60	46.6	4.3	59.6	50.5	10.8	15.2
		3.4	70	54.7	4.3	67.9	58.8	12.6	17.9
		4.3	80	62.7	4.4	76.0	67.2	14.4	19.9
		5.3	90	71.1	4.4	84.6	75.4	16.1	21.9

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW060 Cooling Performance - FULL LOAD - 13 GPM									
50	6.5	3.1	50	52.0	2.4	59.5	42.0	21.9	11.6
		4	60	60.9	2.4	68.6	50.7	25.0	13.6
		5.1	70	69.5	2.5	77.3	59.3	27.7	15.1
		6.4	80	80.4	2.6	88.5	67.6	31.1	17.7
		7.8	90	89.5	2.7	97.8	76.2	33.7	18.8
	9.8	3.2	50	53.2	2.2	60.3	41.9	23.9	11.5
		4.3	60	62.5	2.3	69.7	50.4	27.7	13.4
		5.4	70	71.5	2.3	78.7	59.0	31.1	14.7
		6.9	80	82.4	2.3	89.8	67.3	35.3	16.8
		8.5	90	92.6	2.4	100.1	75.7	39.0	18.2
	13	3.3	50	53.8	2.2	60.7	41.8	24.7	11.4
		4.4	60	63.3	2.2	70.3	50.3	28.9	13.2
		5.6	70	72.5	2.2	79.5	58.9	32.7	14.6
		7.2	80	84.1	2.2	91.3	67.0	37.6	16.7
		9	90	94.7	2.3	101.9	75.4	42.0	18.0
70	6.5	2.5	50	47.9	3.0	57.0	42.7	16.2	12.2
		3.4	60	56.9	3.0	66.1	51.3	18.8	14.7
		4.3	70	65.3	3.1	74.9	60.0	21.0	16.5
		5.5	80	74.3	3.2	84.1	68.6	23.3	18.4
		6.8	90	83.4	3.3	93.5	77.1	25.5	20.2
	9.8	2.6	50	49.1	2.8	57.7	42.5	17.4	12.0
		3.5	60	58.4	2.8	67.2	51.0	20.5	14.4
		4.5	70	66.8	2.9	75.7	59.7	23.1	15.9
		5.7	80	76.7	2.9	85.8	68.2	26.1	17.9
		7.1	90	86.8	3.0	96.1	76.6	29.1	19.7
	13	2.6	50	49.6	2.8	58.1	42.4	17.9	11.9
		3.5	60	59.2	2.8	67.8	50.9	21.3	14.3
		4.6	70	68.6	2.8	77.4	59.4	24.4	16.2
		5.8	80	77.6	2.8	86.4	68.0	27.4	17.5
		7.3	90	87.8	2.9	96.8	76.4	30.7	19.1
90	6.5	2.2	50	43.7	3.7	54.7	43.3	11.9	12.7
		2.9	60	51.2	3.7	62.6	52.1	13.7	14.7
		3.8	70	59.5	3.8	71.2	60.8	15.6	17.3
		4.9	80	67.7	3.9	79.6	69.6	17.3	19.1
		6.2	90	77.1	4.0	89.4	78.1	19.2	21.8
	9.8	2.3	50	45.7	3.5	56.3	43.0	13.0	13.7
		3	60	52.9	3.5	63.6	51.9	14.9	14.8
		3.9	70	61.9	3.6	72.8	60.5	17.2	17.3
		5	80	70.6	3.6	81.8	69.1	19.4	19.3
		6.3	90	80.0	3.7	91.4	77.6	21.7	21.3
	13	2.3	50	46.2	3.5	56.7	42.9	13.4	13.6
		3	60	53.5	3.5	64.1	51.8	15.4	14.7
		3.9	70	62.8	3.5	73.5	60.3	18.0	17.1
		5	80	71.7	3.5	82.6	68.9	20.3	19.0
		6.2	90	80.6	3.6	91.6	77.5	22.6	20.6

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW060 Cooling Performance - FULL LOAD - 13 GPM (Continued)									
110	6.5	2.2	50	39.4	4.6	53.0	44.0	8.6	13.5
		2.8	60	46.3	4.7	60.3	52.9	9.9	15.7
		3.7	70	53.9	4.8	68.4	61.7	11.3	18.7
		4.8	80	62.2	4.9	77.0	70.4	12.8	21.8
		6	90	70.3	5.0	85.5	79.1	14.1	24.1
	9.8	2.1	50	40.2	4.4	53.3	43.8	9.2	13.4
		2.7	60	47.4	4.4	60.8	52.7	10.7	15.5
		3.6	70	55.9	4.5	69.5	61.4	12.5	18.5
		4.7	80	64.5	4.5	78.3	70.1	14.2	21.2
		5.8	90	72.5	4.6	86.6	78.8	15.8	22.8
	13	2	50	40.7	4.3	53.6	43.8	9.4	13.2
		2.7	60	48.0	4.4	61.2	52.6	11.0	15.3
		3.5	70	56.0	4.4	69.3	61.4	12.8	17.7
		4.5	80	64.6	4.4	78.1	70.0	14.6	19.9
		5.8	90	74.6	4.5	88.2	78.5	16.8	23.1

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW120 Cooling Performance - FULL LOAD - 15 GPM									
50	15	2.3	50	120.6	4.4	134.7	42.0	27.3	7.4
		3.1	60	140.4	4.4	154.6	50.7	31.7	8.4
		3.9	70	161.5	4.5	175.9	59.2	36.2	9.4
		4.9	80	183.8	4.5	198.2	67.7	41.0	10.3
		6.1	90	207.2	4.5	221.6	76.1	46.0	11.1
	22.5	2.4	50						
		3.1	60						
		4.1	70	163.7	4.6	178.7	59.1	35.5	9.3
		5.1	80	186.6	4.6	201.6	67.5	40.6	10.1
		6.4	90	210.5	4.6	225.4	75.9	46.0	11.0
	30	2.4	50						
		3.2	60						
		4.1	70						
		5.2	80	188.0	5.2	205.0	67.4	36.4	10.1
		6.5	90	212.1	5.1	228.9	75.8	41.4	11.0
70	15	1.8	50	110.9	5.6	128.3	42.7	19.8	7.8
		2.4	60	129.6	5.6	147.2	51.4	23.1	8.9
		3.1	70	149.7	5.7	167.5	60.0	26.5	10.0
		4	80	171.0	5.7	188.9	68.6	30.1	11.0
		4.9	90	193.2	5.7	211.3	77.1	33.8	12.0
	22.5	1.8	50	112.1	5.8	130.3	42.6	19.3	7.8
		2.4	60	131.2	5.8	149.5	51.3	22.6	8.9
		3.2	70	151.8	5.8	170.1	59.9	26.2	9.9
		4	80	173.6	5.8	192.0	68.4	29.9	10.9
		5.1	90	196.5	5.8	214.9	76.9	33.9	11.8
	30	1.8	50	112.7	6.4	133.0	42.5	17.7	7.8
		2.4	60	132.0	6.4	152.3	51.2	20.7	8.8
		3.2	70	152.8	6.4	173.1	59.8	24.1	9.8
		4.1	80	174.9	6.3	195.2	68.3	27.6	10.8
		5.1	90	198.1	6.3	218.3	76.7	31.4	11.7
90	15	1.5	50	100.5	7.0	121.8	43.3	14.5	8.2
		2	60	118.4	7.0	139.8	52.1	17.0	9.5
		2.6	70	137.3	7.0	159.0	60.9	19.5	10.7
		3.3	80	156.6	7.1	178.6	69.5	22.1	11.8
		4.2	90	178.4	7.1	200.6	78.1	25.1	13.1
	22.5	1.5	50	101.6	7.1	123.5	43.3	14.2	8.2
		2	60	119.8	7.1	141.9	52.0	16.8	9.4
		2.6	70	139.1	7.1	161.4	60.7	19.5	10.6
		3.3	80	159.9	7.2	182.2	69.3	22.4	11.8
		4.2	90	181.4	7.2	203.8	77.9	25.4	12.8
	30	1.5	50	102.1	7.7	126.0	43.2	13.3	8.1
		2	60	120.5	7.7	144.5	52.0	15.7	9.4
		2.6	70	140.1	7.7	164.1	60.7	18.3	10.6
		3.3	80	160.9	7.6	185.0	69.3	21.1	11.7
		4.2	90	182.9	7.6	207.0	77.8	24.0	12.7

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW120 Cooling Performance - FULL LOAD - 15 GPM (Continued)									
110	15	1.4	50	90.1	8.7	116.4	44.0	10.3	8.7
		1.8	60	106.7	8.7	133.2	52.9	12.2	10.2
		2.3	70	124.3	8.8	151.2	61.7	14.2	11.6
		3	80	143.1	8.8	170.2	70.4	16.2	13.1
		3.8	90	162.9	8.9	190.3	79.1	18.3	14.5
	22.5	1.3	50	91.0	8.9	117.9	44.0	10.3	8.7
		1.8	60	107.9	8.8	135.0	52.8	12.2	10.1
		2.3	70	126.0	8.8	153.2	61.6	14.2	11.5
		2.9	80	145.4	8.9	172.8	70.3	16.4	12.9
		3.7	90	164.8	8.9	192.4	79.0	18.6	14.1
	30	1.3	50	91.4	9.4	120.1	43.9	9.8	8.6
		1.7	60	108.5	9.3	137.3	52.8	11.6	10.1
		2.2	70	126.7	9.3	155.6	61.6	13.6	11.5
		2.9	80	146.4	9.3	175.4	70.2	15.7	12.8
		3.6	90	166.2	9.3	195.2	78.9	17.9	14.0

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW120 Cooling Performance - FULL LOAD - 22.5 GPM									
50	15	2.5	50	125.0	4.8	140.5	44.5	26.0	7.7
		3.3	60	146.1	4.8	161.6	53.5	30.3	8.8
		4.3	70	168.6	4.8	184.3	62.5	34.9	9.7
		5.4	80	192.5	4.9	208.1	71.4	39.7	10.6
		6.7	90	217.4	4.9	233.1	80.3	44.8	11.5
	22.5	2.6	50						
		3.4	60						
		4.5	70	171.2	5.0	187.4	62.4	34.4	9.6
		5.7	80	195.7	5.0	211.8	71.3	39.5	10.5
		7.1	90	221.0	4.9	237.1	80.1	45.0	11.5
	30	2.6	50						
		3.5	60						
		4.5	70						
		5.8	80	197.3	5.5	215.4	71.2	35.9	10.4
		7.2	90	222.8	5.4	240.8	80.1	40.9	11.5
70	15	2	50	114.5	6.0	133.3	44.9	19.1	8.1
		2.6	60	134.4	6.0	153.4	54.0	22.4	9.3
		3.4	70	155.8	6.0	174.9	63.1	25.8	10.4
		4.3	80	178.4	6.1	197.6	72.1	29.5	11.4
		5.4	90	202.2	6.1	221.5	81.0	33.3	12.4
	22.5	2	50	115.9	6.2	135.5	44.9	18.7	8.1
		2.6	60	136.2	6.2	155.9	54.0	22.0	9.2
		3.5	70	158.1	6.2	177.8	63.0	25.6	10.2
		4.4	80	181.4	6.2	201.1	71.9	29.5	11.2
		5.6	90	205.9	6.1	225.5	80.8	33.6	12.1
	30	2	50	116.6	6.8	138.2	44.8	17.2	8.1
		2.7	60	137.1	6.7	158.7	53.9	20.3	9.1
		3.5	70	159.3	6.7	180.9	62.9	23.7	10.2
		4.5	80	182.9	6.7	204.4	71.9	27.4	11.2
		5.6	90	207.8	6.6	229.2	80.7	31.3	12.0
90	15	1.6	50	103.6	7.4	126.3	45.4	14.1	8.6
		2.2	60	122.3	7.4	145.1	54.6	16.6	9.9
		2.8	70	142.3	7.4	165.4	63.7	19.2	11.1
		3.6	80	163.6	7.4	186.9	72.7	22.0	12.3
		4.6	90	186.1	7.5	209.5	81.7	24.9	13.5
	22.5	1.6	50	104.8	7.5	128.2	45.4	13.9	8.5
		2.2	60	123.9	7.5	147.3	54.5	16.5	9.8
		2.8	70	144.4	7.5	168.0	63.6	19.2	11.0
		3.7	80	166.4	7.5	190.0	72.6	22.1	12.2
		4.6	90	189.5	7.5	213.1	81.5	25.3	13.3
	30	1.6	50	105.5	8.1	130.6	45.3	13.1	8.5
		2.1	60	124.7	8.0	149.9	54.5	15.5	9.7
		2.8	70	145.5	8.0	170.8	63.5	18.1	10.9
		3.6	80	167.7	8.0	193.0	72.5	21.0	12.1
		4.6	90	191.2	8.0	216.5	81.5	24.0	13.1

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW120 Cooling Performance - FULL LOAD - 22.5 GPM (Continued)									
110	15	1.4	50	92.4	9.1	120.1	45.9	10.2	9.1
		1.9	60	109.7	9.1	137.6	55.1	12.0	10.6
		2.5	70	128.3	9.2	156.5	64.3	14.0	12.1
		3.2	80	148.2	9.2	176.7	73.4	16.1	13.5
		4.1	90						
	22.5	1.4	50	93.5	9.2	121.7	45.9	10.1	9.0
		1.9	60	111.1	9.2	139.5	55.1	12.0	10.5
		2.5	70	130.2	9.2	158.7	64.2	14.1	11.9
		3.2	80	150.6	9.2	179.3	73.3	16.3	13.3
		4.1	90						
	30	1.4	50	94.0	9.7	124.0	45.8	9.6	9.0
		1.9	60	111.8	9.7	141.8	55.0	11.5	10.4
		2.4	70	131.1	9.7	161.2	64.2	13.5	11.9
		3.1	80	151.8	9.7	182.0	73.2	15.7	13.2
		4	90						

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW120 Cooling Performance - FULL LOAD - 30 GPM									
50	15	2.6	50	125.7	5.5	143.6	45.8	22.7	7.9
		3.5	60	147.6	5.5	165.5	55.1	26.8	9.0
		4.5	70	171.0	5.5	188.9	64.3	31.1	9.9
		5.7	80	195.7	5.5	213.6	73.5	35.6	10.8
		7	90	221.4	5.5	239.2	82.6	40.4	11.8
	22.5	2.7	50						
		3.6	60						
		4.7	70	173.7	5.6	192.2	64.2	30.8	9.8
		6	80	199.2	5.6	217.5	73.3	35.6	10.7
		7.4	90	225.3	5.5	243.5	82.5	40.7	11.8
	30	2.7	50						
		3.7	60						
		4.8	70						
		6.1	80	200.9	6.1	221.1	73.3	32.7	10.6
		7.6	90	227.3	6.1	247.3	82.4	37.5	11.8
70	15	2.1	50	114.8	6.7	136.0	46.2	17.1	8.3
		2.7	60	135.4	6.7	156.7	55.5	20.2	9.5
		3.6	70	157.5	6.7	178.9	64.7	23.5	10.6
		4.5	80	181.0	6.7	202.4	74.0	27.0	11.6
		5.7	90						
	22.5	2.1	50	116.2	6.9	138.3	46.1	16.8	8.2
		2.8	60	137.4	6.9	159.3	55.4	20.0	9.4
		3.6	70	160.1	6.8	182.0	64.7	23.4	10.4
		4.7	80	184.2	6.8	206.1	73.8	27.1	11.4
		5.9	90						
	30	2.1	50	117.0	7.5	141.0	46.1	15.6	8.2
		2.8	60	138.3	7.4	162.3	55.4	18.6	9.3
		3.6	70	161.3	7.4	185.2	64.6	21.9	10.4
		4.7	80	185.9	7.3	209.5	73.8	25.4	11.3
		5.9	90						
90	15	1.7	50	103.5	8.1	128.6	46.6	12.8	8.7
		2.3	60	122.7	8.1	148.0	55.9	15.2	10.0
		3	70	143.5	8.1	168.8	65.2	17.8	11.3
		3.8	80	165.5	8.1	191.0	74.5	20.4	12.6
		4.8	90						
	22.5	1.7	50	104.8	8.2	130.5	46.5	12.7	8.7
		2.3	60	124.5	8.2	150.3	55.9	15.2	10.0
		3	70	145.8	8.2	171.6	65.1	17.8	11.2
		3.8	80	168.5	8.2	194.3	74.4	20.7	12.4
		4.9	90						
	30	1.7	50	105.4	8.8	133.0	46.5	12.0	8.6
		2.2	60	125.3	8.7	152.9	55.8	14.4	9.9
		2.9	70	146.9	8.7	174.5	65.1	16.9	11.1
		3.8	80	169.9	8.6	197.4	74.3	19.7	12.3
		4.8	90						

Cooling Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Cooling Capacity, MBH	Power, KW	Loop Rej/Add, MBH	Leaving Water Temp.	EER	Pressure drop (PSI)
GW120 Cooling Performance - FULL LOAD - 30 GPM (Continued)									
110	15	1.5	50	91.9	9.8	122.0	47.0	9.4	9.2
		2	60	109.7	9.8	140.0	56.4	11.2	10.8
		2.6	70	128.9	9.8	159.4	65.7	13.1	12.3
		3.4	80	149.5	9.9	180.1	75.0	15.2	13.8
		4.3	90						
	22.5	1.5	50	93.0	10.0	123.7	46.9	9.3	9.2
		2	60	111.2	9.9	141.9	56.3	11.2	10.7
		2.6	70	130.9	9.9	161.7	65.6	13.3	12.1
		3.3	80	152.0	9.9	182.9	74.9	15.4	13.6
		4.2	90						
	30	1.4	50	93.5	10.5	125.9	46.9	9.0	9.2
		1.9	60	111.9	10.4	144.3	56.3	10.8	10.6
		2.5	70	131.9	10.3	164.3	65.6	12.8	12.1
		3.3	80	153.3	10.3	185.7	74.9	14.9	13.5
		4.2	90						

Heating Performance - Part Load

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorbion, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW024 Heating Performance - PART LOAD - 4 GPM									
30	4	1.0	60	13.7	0.7	11.9	66.9	6.0	0.3
		1.0	80	12.9	0.9	10.8	86.5	4.3	0.2
		1.0	100	12.2	1.1	9.5	106.1	3.2	0.2
		1.1	120	11.6	1.5	8.3	125.9	2.3	0.2
	6	1.0	60	14.2	0.7	12.4	67.1	6.1	0.3
		1.1	80	13.4	0.9	11.2	86.7	4.4	0.2
		1.1	100	12.5	1.1	9.9	106.3	3.2	0.2
		1.1	120	12.0	1.5	8.6	126.1	2.4	0.2
	8	1.1	60	14.5	0.7	12.6	67.2	6.1	0.3
		1.1	80	13.6	0.9	11.4	86.8	4.4	0.2
		1.1	100	12.8	1.1	10.0	106.4	3.3	0.2
		1.0	120	11.9	1.5	8.5	126.0	2.3	0.2
50	4	1.3	60	18.6	0.7	16.7	69.3	7.8	0.4
		1.4	80	17.7	0.9	15.3	88.9	5.6	0.3
		1.5	100	16.7	1.2	13.8	108.4	4.2	0.3
		1.6	120	16.0	1.5	12.3	128.1	3.1	0.3
	6	1.4	60	19.4	0.7	17.5	69.7	8.1	0.5
		1.4	80	18.4	0.9	16.0	89.2	5.8	0.4
		1.5	100	17.4	1.2	14.4	108.8	4.3	0.3
		1.6	120	16.4	1.5	12.7	128.3	3.2	0.3
	8	1.4	60	19.9	0.7	17.9	69.9	8.2	0.5
		1.5	80	18.8	0.9	16.4	89.5	5.9	0.4
		1.5	100	17.7	1.2	14.7	108.9	4.4	0.3
		1.6	120	16.7	1.5	13.0	128.5	3.2	0.3
70	4	1.8	60	24.5	0.7	22.6	72.3	10.1	0.7
		1.7	80	23.3	1.0	20.8	91.7	7.1	0.6
		1.9	100	22.0	1.2	18.9	111.1	5.3	0.5
		2.0	120	20.8	1.5	16.9	130.5	4.0	0.5
	6	1.7	60	25.7	0.7	23.7	72.9	10.5	0.8
		1.8	80	24.4	1.0	21.8	92.3	7.4	0.6
		1.9	100	22.9	1.2	19.7	111.5	5.5	0.6
		2.1	120	21.6	1.5	17.6	130.9	4.1	0.5
	8	1.7	60	26.5	0.7	24.4	73.2	10.6	0.8
		1.8	80	25.0	1.0	22.4	92.6	7.5	0.7
		1.9	100	23.4	1.2	20.2	111.8	5.5	0.6
		2.1	120	22.0	1.6	18.0	131.1	4.1	0.6
90	4	1.9	60	31.1	0.7	29.1	75.6	12.6	1.1
		2.0	80	29.5	1.0	26.9	94.8	8.8	0.9
		2.2	100	27.7	1.2	24.4	114.0	6.5	0.8
		2.3	120	26.0	1.6	21.9	133.2	4.9	0.8
	6	2.0	60	32.8	0.7	30.8	76.4	13.2	1.2
		2.1	80	30.9	1.0	28.3	95.5	9.1	1.0
		2.2	100						
		2.5	120						
	8	2.0	60	33.7	0.7	31.7	76.9	13.5	1.3
		2.1	80						
		2.3	100						
		2.5	120						

Heating Performance - Part Load (Continued)

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorbtion, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW024 Heating Performance - PART LOAD - 6 GPM									
30	4	1.0	60						
		1.0	80	13.0	0.9	10.9	84.4	4.4	0.2
		1.0	100	12.2	1.1	9.6	104.1	3.2	0.2
		1.1	120	11.7	1.5	8.4	123.9	2.4	0.2
	6	1.0	60	14.3	0.7	12.5	64.8	6.3	0.3
		1.1	80	13.5	0.9	11.3	84.5	4.5	0.2
		1.1	100	12.6	1.1	10.0	104.2	3.3	0.2
		1.1	120	12.0	1.5	8.6	124.0	2.4	0.2
	8	1.1	60	14.6	0.7	12.8	64.9	6.3	0.3
		1.1	80	13.7	0.9	11.5	84.6	4.5	0.2
		1.1	100	12.8	1.1	10.1	104.3	3.3	0.2
		1.0	120	12.0	1.5	8.6	124.0	2.4	0.2
50	4	1.3	60	18.7	0.7	16.9	66.2	8.3	0.4
		1.4	80	17.8	0.9	15.5	86.0	5.8	0.3
		1.4	100	16.9	1.1	14.0	105.7	4.3	0.3
		1.5	120	16.1	1.5	12.5	125.4	3.2	0.3
	6	1.3	60	19.6	0.7	17.7	66.5	8.6	0.5
		1.4	80	18.6	0.9	16.2	86.2	6.0	0.4
		1.5	100	17.5	1.2	14.6	105.9	4.5	0.3
		1.6	120	16.5	1.5	12.9	125.6	3.3	0.3
	8	1.4	60	20.1	0.7	18.2	66.7	8.7	0.5
		1.4	80	19.0	0.9	16.6	86.4	6.1	0.4
		1.5	100	17.9	1.2	14.9	106.0	4.5	0.3
		1.6	120	16.8	1.5	13.1	125.7	3.3	0.3
70	4	1.8	60	24.8	0.7	22.9	68.3	11.0	0.7
		1.7	80	23.6	0.9	21.1	87.9	7.5	0.6
		1.8	100	22.2	1.2	19.1	107.5	5.5	0.5
		2.0	120	21.0	1.5	17.2	127.1	4.1	0.5
	6	1.6	60	26.1	0.7	24.2	68.7	11.4	0.8
		1.8	80	24.7	0.9	22.2	88.3	7.8	0.7
		1.9	100	23.1	1.2	20.1	107.8	5.7	0.6
		2.0	120	21.8	1.5	17.9	127.3	4.3	0.5
	8	1.7	60	26.8	0.7	24.9	68.9	11.7	0.8
		1.8	80	25.3	0.9	22.8	88.5	7.9	0.7
		1.9	100	23.7	1.2	20.5	108.0	5.8	0.6
		2.1	120	22.2	1.5	18.3	127.5	4.3	0.6
90	4	1.9	60	31.5	0.7	29.7	70.5	14.2	1.1
		2.0	80	29.9	0.9	27.4	90.0	9.5	0.9
		2.2	100	28.1	1.2	24.9	109.4	6.9	0.8
		2.3	120	26.3	1.5	22.4	128.9	5.1	0.8
	6	1.9	60	33.3	0.6	31.5	71.1	15.0	1.3
		2.1	80	31.4	0.9	28.9	90.5	9.9	1.0
		2.2	100						
		2.4	120	27.4	1.5	23.4	129.2	5.3	0.9
	8	2.0	60	34.3	0.7	32.5	71.4	15.4	1.3
		2.1	80						
		2.2	100						
		2.4	120						

Heating Performance - Part Load (Continued)

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorbption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW024 Heating Performance - PART LOAD - 8 GPM									
30	4	1.0	60						
		1.0	80	13.1	0.9	10.9	83.3	4.4	0.2
		1.0	100	12.3	1.1	9.7	103.1	3.3	0.2
		1.1	120	11.7	1.4	8.4	123.0	2.4	0.2
	6	1.0	60						
		1.1	80	13.5	0.9	11.3	83.4	4.5	0.2
		1.1	100	12.7	1.1	10.0	103.2	3.3	0.2
		1.1	120	12.0	1.5	8.7	123.0	2.4	0.2
	8	1.1	60						
		1.1	80	13.7	0.9	11.5	83.4	4.6	0.2
		1.1	100	12.9	1.1	10.2	103.2	3.4	0.2
		1.1	120	12.2	1.5	8.8	123.1	2.4	0.2
50	4	1.3	60	18.8	0.7	17.0	64.7	8.5	0.4
		1.4	80	17.9	0.9	15.5	84.5	5.9	0.4
		1.4	100	16.9	1.1	14.1	104.3	4.4	0.3
		1.5	120	16.1	1.5	12.5	124.1	3.2	0.3
	6	1.3	60	19.7	0.7	17.9	64.9	8.8	0.5
		1.4	80	18.6	0.9	16.3	84.7	6.1	0.4
		1.5	100	17.6	1.1	14.7	104.4	4.5	0.3
		1.6	120	16.7	1.5	13.1	124.2	3.3	0.3
	8	1.4	60	20.2	0.7	18.3	65.0	8.9	0.5
		1.4	80	19.1	0.9	16.7	84.8	6.2	0.4
		1.5	100	18.0	1.2	15.0	104.5	4.6	0.3
		1.6	120	16.9	1.5	13.2	124.3	3.4	0.3
70	4	1.8	60	24.9	0.6	23.1	66.2	11.4	0.8
		1.7	80	23.7	0.9	21.3	86.0	7.7	0.6
		1.8	100	22.3	1.2	19.3	105.6	5.6	0.5
		2.0	120	21.1	1.5	17.3	125.3	4.2	0.5
	6	1.6	60	26.3	0.6	24.4	66.6	11.9	0.8
		1.8	80	24.9	0.9	22.4	86.2	8.0	0.7
		1.9	100	23.3	1.2	20.2	105.9	5.8	0.6
		2.0	120	21.9	1.5	18.1	125.5	4.3	0.5
	8	1.7	60	27.0	0.7	25.2	66.8	12.2	0.9
		1.8	80	25.5	0.9	23.0	86.4	8.1	0.7
		1.9	100	23.8	1.2	20.7	106.0	5.9	0.6
		2.0	120	22.3	1.5	18.5	125.6	4.4	0.6
90	4	1.9	60	31.8	0.6	30.0	67.9	15.1	1.2
		2.0	80	30.1	0.9	27.7	87.6	9.8	1.0
		2.2	100	28.3	1.2	25.2	107.1	7.1	0.8
		2.3	120	26.5	1.5	22.6	126.7	5.2	0.8
	6	1.9	60	33.6	0.6	31.8	68.4	16.1	1.3
		2.0	80	31.7	0.9	29.2	88.0	10.3	1.1
		2.2	100	29.5	1.2	26.4	107.4	7.3	0.9
		2.4	120						
	8	1.9	60	34.6	0.6	32.9	68.6	16.5	1.4
		2.1	80						
		2.2	100						
		2.4	120						

Heating Performance - Part Load (Continued)

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorbtion, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW036 Heating Performance - PART LOAD - 4.5 GPM									
30	4.5	1.6	60	19.1	1.1	16.1	68.5	5.0	0.4
		1.7	80	18.2	1.4	14.7	88.1	3.8	0.3
		1.7	100	17.8	1.8	13.6	108.0	3.0	0.3
		2.6	120	17.2	2.2	12.0	127.8	2.3	0.3
	6.8	1.7	60	19.9	1.1	16.9	68.8	5.1	0.5
		1.8	80	18.9	1.4	15.4	88.4	3.9	0.4
		1.7	100	17.9	1.8	13.6	108.0	3.0	0.3
		2.0	120	17.5	2.2	12.2	127.9	2.3	0.3
	9	1.8	60	20.4	1.2	17.3	69.1	5.2	0.5
		1.8	80	19.3	1.4	15.7	88.6	4.0	0.4
		2.1	100	18.5	1.8	14.1	108.3	3.1	0.3
		2.0	120	18.2	2.2	12.8	128.2	2.4	0.3
50	4.5	2.2	60	25.6	1.2	22.4	71.4	6.5	0.7
		2.3	80	24.4	1.4	20.6	90.9	5.0	0.6
		2.7	100	23.5	1.8	18.9	110.6	3.8	0.5
		2.5	120	22.9	2.3	17.2	130.3	2.9	0.5
	6.8	2.3	60	27.0	1.2	23.7	72.0	6.7	0.8
		2.5	80	25.6	1.5	21.7	91.4	5.1	0.7
		2.6	100	24.4	1.8	19.7	110.9	3.9	0.6
		2.8	120	23.5	2.3	17.6	130.6	3.0	0.6
	9	2.4	60	27.7	1.2	24.4	72.3	6.8	0.8
		2.5	80	26.3	1.5	22.3	91.7	5.2	0.7
		2.6	100	25.0	1.8	20.2	111.2	4.0	0.6
		2.7	120	24.3	2.3	18.4	130.9	3.1	0.6
70	4.5	2.9	60	33.3	1.2	29.8	74.8	7.9	1.2
		3.0	80	31.6	1.5	27.6	94.1	6.1	1.0
		4.0	100	30.6	1.9	25.6	113.7	4.8	0.9
		2.8	120	28.5	2.4	22.3	132.8	3.5	0.8
	6.8	3.0	60	35.2	1.3	31.7	75.6	8.2	1.3
		3.2	80	33.3	1.5	29.2	94.9	6.4	1.1
		3.1	100	31.4	1.9	26.3	114.1	4.8	1.0
		3.2	120	30.0	2.4	23.8	133.5	3.7	0.9
	9	3.1	60	36.3	1.3	32.7	76.1	8.3	1.4
		3.3	80	34.3	1.6	30.0	95.3	6.5	1.1
		3.5	100	32.4	1.9	27.3	114.5	4.9	1.0
		3.2	120	30.4	2.4	24.0	133.7	3.7	1.0
90	4.5	3.5	60	41.7	1.3	38.0	78.5	9.3	1.8
		3.7	80	39.6	1.6	35.2	97.7	7.3	1.5
		4.3	100	38.5	2.0	33.2	117.3	5.7	1.4
		4.3	120	36.5	2.4	30.0	136.4	4.4	1.4
	6.8	3.7	60	44.2	1.3	40.4	79.7	9.6	2.0
		3.9	80	41.8	1.6	37.3	98.7	7.5	1.7
		3.8	100	39.2	2.0	33.9	117.6	5.8	1.5
		4.5	120						
	9	3.7	60						
		3.9	80						
		4.2	100						
		5.3	120						

Heating Performance - Part Load (Continued)

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorbition, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW036 Heating Performance - PART LOAD - 6.8 GPM									
30	4.5	1.6	60	19.2	1.1	16.3	65.7	5.1	0.4
		1.7	80	18.3	1.4	14.8	85.4	3.9	0.3
		1.8	100	17.5	1.7	13.4	105.2	3.0	0.3
		2.0	120	17.4	2.2	12.2	125.2	2.3	0.3
	6.8	1.7	60	20.1	1.1	17.1	65.9	5.3	0.5
		1.8	80	19.0	1.4	15.5	85.7	4.0	0.4
		1.7	100	18.0	1.7	13.8	105.4	3.1	0.3
		1.6	120	17.1	2.2	11.9	125.1	2.3	0.3
	9	1.7	60	20.6	1.1	17.5	66.1	5.4	0.5
		1.8	80	19.5	1.4	15.9	85.8	4.1	0.4
		1.8	100	18.8	1.7	14.5	105.6	3.2	0.3
		1.9	120	17.7	2.2	12.5	125.3	2.4	0.4
50	4.5	2.2	60	25.8	1.1	22.7	67.7	6.7	0.7
		2.3	80	24.6	1.4	20.9	87.3	5.1	0.6
		2.3	100	23.5	1.8	19.0	107.0	3.9	0.5
		2.5	120	23.1	2.2	17.4	126.9	3.0	0.5
	6.8	2.3	60	27.3	1.1	24.1	68.1	7.0	0.8
		2.4	80	25.9	1.4	22.1	87.7	5.3	0.7
		2.6	100	24.6	1.8	20.0	107.3	4.1	0.6
		2.6	120	23.6	2.2	17.9	127.1	3.1	0.5
	9	2.4	60	28.1	1.2	24.8	68.3	7.1	0.9
		2.5	80	26.5	1.4	22.7	87.9	5.4	0.7
		2.6	100	25.2	1.8	20.5	107.5	4.1	0.6
		2.8	120	24.5	2.3	18.7	127.4	3.2	0.6
70	4.5	2.8	60	33.7	1.2	30.3	70.0	8.4	1.2
		3.0	80	32.0	1.5	28.1	89.5	6.5	1.0
		2.9	100	30.2	1.8	25.4	109.0	4.9	0.9
		2.1	120	27.6	2.3	21.7	128.3	3.6	0.8
	6.8	3.0	60	35.7	1.2	32.3	70.6	8.8	1.4
		3.1	80	33.8	1.5	29.8	90.0	6.7	1.1
		3.3	100	32.0	1.8	27.1	109.6	5.1	1.0
		3.5	120	30.8	2.3	24.7	129.2	3.9	1.0
	9	3.1	60	36.9	1.2	33.4	70.9	8.9	1.4
		3.2	80	34.8	1.5	30.7	90.4	6.8	1.2
		3.4	100	32.8	1.8	27.9	109.8	5.2	1.0
		1.8	120	28.6	2.3	22.6	128.6	3.6	0.8
90	4.5	3.5	60	42.4	1.2	38.8	72.6	10.0	1.9
		3.5	80	40.0	1.5	35.8	91.9	7.8	1.5
		3.9	100	38.1	1.9	33.0	111.4	6.0	1.4
		4.3	120	36.9	2.3	30.7	131.1	4.7	1.4
	6.8	3.6	60	45.1	1.3	41.4	73.4	10.4	2.1
		3.8	80	42.5	1.5	38.2	92.7	8.1	1.7
		4.1	100	40.1	1.9	35.0	112.0	6.2	1.5
		3.0	120	36.5	2.3	30.3	130.9	4.6	1.4
	9	3.6	60	46.6	1.3	42.9	73.8	10.5	2.2
		3.9	80						
		4.2	100						
		4.0	120						

Heating Performance - Part Load (Continued)

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorbtion, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW036 Heating Performance - PART LOAD - 9 GPM									
30	4.5	1.6	60	19.3	1.1	16.4	64.3	5.2	0.4
		1.7	80	18.4	1.4	14.9	84.1	3.9	0.3
		2.6	100	17.9	1.7	13.7	104.0	3.1	0.3
		2.0	120	17.5	2.2	12.3	123.9	2.4	0.3
	6.8	1.7	60	20.2	1.1	17.2	64.5	5.4	0.5
		1.8	80	19.1	1.4	15.6	84.3	4.1	0.4
		2.0	100	18.3	1.7	14.1	104.1	3.1	0.3
		1.9	120	17.8	2.2	12.6	124.0	2.4	0.3
	9	1.7	60	20.7	1.1	17.6	64.6	5.4	0.5
		1.8	80	19.6	1.4	16.0	84.4	4.1	0.4
		1.7	100	18.5	1.7	14.2	104.1	3.1	0.3
		2.0	120	18.3	2.2	13.0	124.1	2.4	0.3
50	4.5	2.2	60	26.0	1.1	22.9	65.8	6.8	0.8
		2.3	80	24.8	1.4	21.1	85.5	5.2	0.6
		2.4	100	23.7	1.7	19.2	105.3	4.0	0.5
		2.5	120	22.8	2.2	17.2	125.1	3.0	0.5
	6.8	2.3	60	27.4	1.1	24.3	66.1	7.1	0.8
		2.4	80	26.0	1.4	22.3	85.8	5.4	0.7
		2.5	100	24.7	1.8	20.1	105.5	4.1	0.6
		2.6	120	24.0	2.2	18.3	125.4	3.2	0.5
	9	2.4	60	28.3	1.1	25.0	66.3	7.2	0.9
		2.5	80	26.7	1.4	22.9	86.0	5.5	0.7
		2.6	100	25.3	1.8	20.7	105.7	4.2	0.6
		2.6	120	24.1	2.2	18.4	125.4	3.2	0.6
70	4.5	2.8	60	33.9	1.2	30.6	67.5	8.6	1.2
		3.0	80	32.2	1.4	28.3	87.2	6.6	1.0
		2.8	100	30.3	1.8	25.6	106.8	5.0	0.9
		3.9	120	29.5	2.3	23.6	126.6	3.8	0.8
	6.8	3.0	60	36.0	1.2	32.6	68.0	9.0	1.4
		3.1	80	34.0	1.4	30.1	87.6	6.9	1.1
		3.3	100	32.2	1.8	27.4	107.2	5.2	1.0
		4.0	120	30.7	2.3	24.8	126.9	4.0	0.9
	9	3.0	60	37.2	1.2	33.8	68.3	9.1	1.5
		3.2	80	35.1	1.5	31.0	87.8	7.0	1.2
		3.4	100	33.0	1.8	28.2	107.4	5.3	1.0
		3.5	120	31.7	2.3	25.7	127.1	4.1	1.0
90	4.5	3.2	60	42.6	1.2	39.0	69.5	10.3	1.9
		3.6	80	40.5	1.5	36.4	89.0	8.0	1.6
		3.6	100	38.1	1.8	33.1	108.5	6.1	1.4
		4.2	120	36.4	2.3	30.4	128.2	4.7	1.3
	6.8	3.5	60	45.6	1.3	42.0	70.1	10.7	2.1
		3.7	80	42.9	1.5	38.7	89.6	8.4	1.8
		4.0	100	40.4	1.9	35.4	109.1	6.4	1.5
		2.4	120	35.5	2.3	29.4	128.0	4.6	1.3
	9	3.6	60	47.2	1.3	43.5	70.5	10.8	2.3
		3.9	80						
		4.1	100						
		4.4	120						

Heating Performance - Part Load (Continued)

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorbtion, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW048 Heating Performance - PART LOAD - 6 GPM									
30	6	2.2	60	25.0	1.4	21.2	68.3	5.3	0.6
		2.3	80	24.7	1.8	20.0	88.3	4.1	0.5
		2.5	100	24.0	2.3	18.1	108.1	3.1	0.5
		2.6	120	23.5	3.0	15.9	127.9	2.3	0.7
	9	2.4	60	26.2	1.4	22.2	68.7	5.5	0.7
		2.4	80	25.7	1.8	20.9	88.6	4.2	0.6
		2.6	100	24.8	2.3	18.7	108.3	3.2	0.5
		2.7	120	24.1	3.0	16.4	128.1	2.4	0.7
	12	2.4	60	26.8	1.4	22.7	68.9	5.5	0.7
		2.5	80	26.2	1.8	21.3	88.8	4.3	0.6
		2.6	100	25.2	2.3	19.0	108.5	3.2	0.5
		2.8	120	24.4	3.0	16.6	128.2	2.4	0.7
50	6	3.3	60	34.3	1.4	30.1	71.4	7.0	1.1
		3.5	80	33.7	1.8	28.7	91.3	5.5	1.0
		3.7	100	32.3	2.3	26.0	110.9	4.1	0.9
		3.9	120	31.0	3.0	23.0	130.5	3.1	0.9
	9	3.3	60	36.3	1.5	32.0	72.1	7.2	1.2
		3.7	80	35.1	1.8	30.0	91.8	5.6	1.1
		3.9	100	33.5	2.3	27.1	111.3	4.2	0.9
		4.1	120	32.0	3.0	23.9	130.8	3.1	1.0
	12	3.7	60	38.1	1.5	33.7	72.7	7.4	1.4
		3.8	80	35.9	1.9	30.7	92.0	5.7	1.1
		4.0	100	34.2	2.4	27.7	111.5	4.2	1.0
		4.2	120	32.6	3.0	24.3	131.0	3.2	1.0
70	6	4.5	60	46.6	1.6	42.1	75.5	8.8	2.0
		4.8	80	44.1	1.9	38.8	94.8	6.9	1.7
		5.1	100	42.0	2.4	35.3	114.1	5.2	1.5
		5.6	120	40.0	3.0	31.6	133.5	3.9	1.5
	9	4.9	60	47.2	1.6	42.6	75.7	8.8	2.0
		4.9	80	46.2	1.9	40.8	95.5	7.1	1.8
		5.3	100	43.7	2.4	37.0	114.7	5.3	1.6
		5.9	120	41.4	3.0	33.0	134.0	4.0	1.6
	12	6.3	60	48.0	1.6	43.3	76.0	8.8	2.1
		5.1	80	47.4	2.0	41.8	95.9	7.1	1.9
		5.5	100	44.7	2.5	37.8	115.0	5.3	1.7
		6.0	120	42.2	3.1	33.7	134.3	4.0	1.7
90	6	5.5	60	59.3	1.7	54.2	79.8	10.1	3.1
		5.9	80	56.0	2.0	50.3	98.8	8.2	2.6
		6.5	100						
		7.4	120						
	9	10.3	60	60.7	1.7	55.5	80.2	10.2	3.2
		6.2	80						
		6.8	100						
		9.4	120						
	12	4.3	60	58.9	1.7	53.8	79.7	9.9	3.0
		6.3	80						
		9.0	100						
		11.1	120						

Heating Performance - Part Load (Continued)

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorbtion, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW048 Heating Performance - PART LOAD - 9 GPM									
30	6	2.2	60	25.2	1.4	21.4	65.6	5.5	0.6
		2.3	80	24.9	1.7	20.3	85.5	4.2	0.5
		2.5	100	24.1	2.2	18.3	105.4	3.2	0.5
		2.6	120	23.5	2.9	16.1	125.3	2.4	0.6
	9	2.3	60	26.4	1.4	22.5	65.9	5.6	0.7
		2.4	80	25.9	1.7	21.1	85.8	4.4	0.6
		2.6	100	24.9	2.3	19.0	105.6	3.2	0.5
		2.7	120	24.2	2.9	16.6	125.4	2.4	0.6
	12	2.4	60	27.0	1.4	23.0	66.0	5.6	0.7
		2.5	80	26.4	1.8	21.6	85.9	4.4	0.6
		2.6	100	25.3	2.3	19.3	105.7	3.3	0.5
		2.8	120	24.5	2.9	16.8	125.5	2.4	0.6
50	6	3.3	60	34.3	1.4	30.3	67.6	7.2	1.1
		3.5	80	34.0	1.7	29.1	87.6	5.7	1.0
		3.6	100	32.5	2.3	26.4	107.3	4.2	0.9
		3.9	120	31.2	2.9	23.4	127.0	3.2	0.9
	9	3.3	60	36.7	1.4	32.5	68.1	7.5	1.3
		3.7	80	35.5	1.8	30.5	87.9	5.9	1.1
		3.8	100	33.8	2.3	27.5	107.6	4.4	0.9
		4.1	120	32.2	2.9	24.3	127.3	3.2	0.9
	12	3.6	60	37.4	1.5	33.1	68.3	7.5	1.3
		3.8	80	36.3	1.8	31.2	88.1	5.9	1.1
		3.9	100	34.5	2.3	28.1	107.7	4.4	1.0
		4.2	120	32.8	2.9	24.7	127.4	3.3	1.0
70	6	4.4	60	47.3	1.5	42.8	70.5	9.2	2.1
		4.6	80	44.8	1.8	39.6	90.0	7.2	1.7
		5.0	100	42.4	2.3	36.0	109.5	5.4	1.5
		5.5	120	40.3	2.9	32.2	129.1	4.0	1.5
	9	4.7	60	47.8	1.5	43.3	70.6	9.2	2.1
		4.9	80	46.8	1.8	41.6	90.5	7.4	1.8
		5.3	100	44.2	2.3	37.7	109.9	5.6	1.6
		5.8	120	41.8	2.9	33.6	129.4	4.2	1.6
	12	3.6	60	46.8	1.5	42.2	70.4	8.9	2.0
		5.0	80	48.0	1.9	42.6	90.7	7.5	1.9
		5.4	100	45.2	2.4	38.5	110.1	5.6	1.7
		5.9	120	42.7	3.0	34.4	129.6	4.2	1.7
90	6	5.0	60	59.1	1.7	54.1	73.1	10.5	3.2
		5.8	80	57.0	1.9	51.4	92.7	8.7	2.7
		6.4	100						
		7.2	120						
	9	4.2	60	58.7	1.7	53.8	73.0	10.4	3.0
		6.0	80						
		6.6	100						
		8.7	120						
	12	6.2	60	62.8	1.7	57.6	74.0	10.6	3.5
		6.2	80						
		8.5	100						
		11.3	120						

Heating Performance - Part Load (Continued)

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorbtion, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW048 Heating Performance - PART LOAD - 12 GPM									
30	6	2.2	60						
		2.3	80	25.0	1.7	20.4	84.2	4.3	0.5
		2.5	100	24.2	2.2	18.3	104.1	3.2	0.5
		2.6	120	23.6	2.9	16.2	124.0	2.4	0.5
	9	2.3	60	26.5	1.4	22.6	64.4	5.6	0.7
		2.4	80	26.0	1.7	21.3	84.3	4.4	0.6
		2.5	100	25.0	2.2	19.1	104.2	3.3	0.5
		2.7	120	24.3	2.9	16.7	124.1	2.5	0.5
	12	2.4	60	27.2	1.4	23.1	64.5	5.6	0.7
		2.5	80	26.6	1.8	21.7	84.4	4.4	0.6
		2.6	100	25.5	2.3	19.4	104.3	3.3	0.5
		2.7	120	24.6	2.9	17.0	124.2	2.5	0.6
50	6	3.1	60	35.2	1.4	31.0	65.9	7.3	1.2
		3.5	80	34.2	1.7	29.3	85.7	5.8	1.0
		3.6	100	32.7	2.2	26.6	105.5	4.3	0.9
		3.9	120	31.3	2.9	23.5	125.3	3.2	0.9
	9	2.0	60	32.4	1.4	28.3	65.4	6.7	1.0
		3.7	80	35.7	1.8	30.7	86.0	5.9	1.1
		3.8	100	34.0	2.3	27.8	105.7	4.4	0.9
		4.0	120	32.4	2.9	24.5	125.5	3.3	0.9
	12	3.5	60	37.2	1.5	32.8	66.2	7.4	1.3
		3.8	80	36.6	1.8	31.5	86.1	6.0	1.1
		3.9	100	34.7	2.3	28.4	105.8	4.5	1.0
		4.1	120	33.0	2.9	24.9	125.6	3.3	1.0
70	6	4.1	60	46.6	1.5	42.1	67.8	9.1	2.0
		4.6	80	45.1	1.8	40.0	87.6	7.4	1.7
		5.0	100	42.7	2.3	36.3	107.2	5.5	1.5
		5.4	120	40.5	2.9	32.4	126.8	4.1	1.5
	9	4.6	60	48.4	1.5	43.8	68.1	9.2	2.2
		4.9	80	47.2	1.8	42.0	87.9	7.6	1.9
		5.2	100	44.5	2.3	38.1	107.5	5.7	1.6
		5.7	120	42.1	2.9	34.0	127.1	4.3	1.6
	12	4.4	60	49.0	1.6	44.4	68.2	9.2	2.2
		5.0	80	48.4	1.9	43.0	88.1	7.6	2.0
		5.4	100	45.5	2.3	39.0	107.6	5.8	1.7
		5.8	120	42.9	2.9	34.7	127.2	4.3	1.7
90	6	5.7	60	56.8	1.6	51.9	69.5	10.3	2.9
		5.7	80	57.5	1.9	52.0	89.6	8.9	2.7
		6.3	100						
		7.1	120						
	9	9.2	60	62.2	1.7	57.0	70.4	10.7	3.4
		6.0	80						
		6.6	100						
		8.8	120						
	12	6.5	60	63.6	1.7	58.4	70.6	10.7	3.6
		6.1	80						
		8.1	100						
		10.6	120						

Heating Performance - Part Load (Continued)

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorbtion, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW060 Heating Performance - PART LOAD - 6.5 GPM									
30	6.5	5.0	60	32.2	1.8	27.0	69.9	5.3	1.0
		4.0	80	30.2	2.3	23.8	89.3	3.9	0.8
		4.9	100	30.8	2.9	22.8	109.6	3.1	0.8
		4.9	120	30.3	3.8	19.8	129.4	2.3	1.6
	9.8	6.9	60	34.3	1.8	28.9	70.5	5.5	1.1
		5.1	80	33.0	2.3	26.4	90.2	4.2	0.9
		5.2	100	32.0	2.9	23.9	109.9	3.2	0.8
		5.4	120	31.2	3.7	21.0	129.7	2.5	0.9
	13	5.5	60	34.8	1.9	29.3	70.7	5.5	1.1
		5.2	80	33.9	2.4	27.1	90.5	4.2	1.0
		5.4	100	32.7	3.0	24.4	110.1	3.2	0.9
		5.6	120	31.7	3.8	21.1	129.9	2.5	1.4
50	6.5	8.1	60	43.5	1.9	37.8	73.4	6.7	1.8
		6.2	80	40.3	2.4	33.4	92.5	5.0	1.4
		7.2	100	40.0	3.0	31.4	112.4	3.9	1.3
		7.9	120	39.1	3.8	28.3	132.2	3.0	1.5
	9.8	9.3	60	45.7	1.9	39.9	74.1	6.9	1.9
		7.7	80	43.3	2.4	36.2	93.4	5.2	1.6
		7.7	100	41.6	3.0	32.8	112.9	4.0	1.4
		8.1	120	40.4	3.8	29.4	132.6	3.1	1.6
	13	7.1	60	46.2	2.0	40.3	74.2	6.9	1.9
		6.3	80	43.4	2.5	36.2	93.4	5.2	1.6
		8.0	100	42.8	3.1	33.9	113.3	4.1	1.5
		8.7	120	41.4	3.9	30.2	132.9	3.1	1.7
70	6.5	12.3	60	55.7	2.0	49.7	77.1	8.2	2.7
		9.4	80	52.2	2.5	44.8	96.1	6.1	2.3
		10.7	100	50.1	3.1	41.0	115.6	4.7	2.1
		10.9	120	49.3	3.9	38.0	135.4	3.7	2.3
	9.8	8.7	60	57.8	2.0	51.6	77.8	8.4	2.9
		12.1	80	56.6	2.5	49.1	97.5	6.5	2.7
		11.3	100	52.7	3.2	43.5	116.4	4.9	2.3
		11.7	120	51.5	3.9	39.9	136.0	3.8	2.5
	13	11.2	60	60.7	2.1	54.5	78.7	8.6	3.2
		11.3	80	57.3	2.6	49.7	97.7	6.5	2.7
		7.6	100	52.6	3.2	43.3	116.3	4.8	2.3
		12.0	120	52.7	4.0	41.0	136.4	3.9	2.7
90	6.5	8.6	60	67.2	2.0	61.0	80.7	9.6	3.9
		7.9	80	63.0	2.5	55.5	99.5	7.3	3.3
		13.1	100	62.5	3.2	53.0	119.4	5.7	3.3
		14.2	120	61.0	4.0	49.2	139.0	4.5	3.6
	9.8	12.7	60	74.4	2.1	68.1	82.9	10.5	4.8
		15.1	80	71.1	2.6	63.3	102.0	8.0	4.3
		10.4	100	64.9	3.2	55.3	120.1	5.9	3.6
		15.1	120	64.1	4.0	52.1	140.0	4.6	4.1
	13	9.8	60	75.2	2.1	68.8	83.2	10.4	4.9
		12.9	80	72.3	2.6	64.4	102.4	8.0	4.3
		12.5	100	68.6	3.3	58.9	121.3	6.1	4.0
		14.5	120						

Heating Performance - Part Load (Continued)

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorbption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW060 Heating Performance - PART LOAD - 9.8 GPM									
30	6.5	5.1	60	32.5	1.7	27.4	66.6	5.5	1.0
		4.1	80	30.6	2.2	24.3	86.3	4.1	0.8
		4.9	100	30.9	2.8	23.1	106.4	3.2	0.8
		5.1	120	30.4	3.6	20.4	126.3	2.5	1.1
	9.8	4.6	60	33.9	1.8	28.7	66.9	5.6	1.1
		5.0	80	33.2	2.3	26.7	86.8	4.3	0.9
		5.2	100	32.2	2.8	24.2	106.6	3.3	0.8
		5.4	120	31.4	3.7	21.2	126.5	2.5	1.1
	13	5.9	60	35.1	1.8	29.7	67.2	5.7	1.2
		5.2	80	34.1	2.3	27.5	87.0	4.4	1.0
		5.3	100	32.8	2.9	24.7	106.8	3.3	0.9
		5.7	120	31.9	3.7	21.6	126.6	2.5	1.2
50	6.5	7.2	60	43.3	1.8	37.8	68.8	7.0	1.7
		7.0	80	41.3	2.3	34.5	88.5	5.3	1.4
		5.9	100	38.7	2.9	30.5	108.0	3.9	1.2
		7.8	120	39.2	3.7	28.7	128.1	3.1	1.4
	9.8	7.2	60	45.7	1.8	40.1	69.3	7.2	1.9
		8.0	80	43.5	2.3	36.6	88.9	5.5	1.6
		8.0	100	41.9	2.9	33.4	108.6	4.2	1.4
		8.3	120	40.8	3.7	30.1	128.4	3.2	1.5
	13	11.6	60	48.0	1.9	42.3	69.8	7.4	2.1
		8.8	80	44.8	2.4	37.7	89.2	5.5	1.7
		7.9	100	42.9	3.0	34.3	108.8	4.2	1.5
		8.6	120	41.7	3.8	30.8	128.6	3.2	1.6
70	6.5	8.0	60	54.9	1.9	49.1	71.2	8.5	2.7
		8.8	80	52.9	2.4	45.8	90.8	6.5	2.3
		5.7	100	46.9	3.0	38.3	109.7	4.6	1.8
		10.5	120	49.2	3.8	38.2	130.2	3.8	2.2
	9.8	7.5	60	58.2	1.9	52.3	71.9	8.9	3.0
		6.7	80	54.9	2.4	47.7	91.2	6.7	2.5
		7.4	100	51.7	3.0	42.8	110.6	5.0	2.2
		11.4	120	51.8	3.8	40.7	130.7	4.0	2.4
	13	8.5	60	61.0	1.9	55.0	72.4	9.2	3.3
		12.9	80	59.1	2.5	51.7	92.1	7.1	2.9
		11.5	100	55.1	3.1	46.1	111.3	5.3	2.5
		11.7	120	53.0	3.8	41.8	130.9	4.1	2.5
90	6.5	12.2	60	70.7	1.9	64.9	74.4	10.9	4.4
		13.9	80	67.3	2.4	60.1	93.8	8.2	3.7
		11.7	100	64.2	3.0	55.3	113.2	6.2	3.4
		14.5	120	61.2	3.8	50.0	132.7	4.7	3.5
	9.8	14.3	60	76.2	1.9	70.3	75.5	11.6	5.1
		13.4	80	71.8	2.4	64.5	94.7	8.6	4.3
		9.3	100	65.1	3.0	56.0	113.4	6.3	3.5
		12.4	120	63.3	3.8	51.9	133.1	4.8	3.6
	13	8.8	60	76.2	2.0	70.2	75.6	11.4	5.1
		12.6	80	73.7	2.5	66.3	95.1	8.8	4.5
		11.1	100	69.8	3.1	60.7	114.4	6.6	4.0
		13.8	120						

Heating Performance - Part Load (Continued)

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW060 Heating Performance - PART LOAD - 13 GPM									
30	6.5	6.1	60	33.2	1.7	28.1	65.1	5.6	1.1
		4.7	80	31.4	2.2	25.1	84.8	4.2	0.8
		4.9	100	31.1	2.8	23.2	104.8	3.3	0.8
		5.1	120	30.5	3.6	20.6	124.8	2.5	1.0
	9.8	5.2	60	34.1	1.8	28.8	65.2	5.7	1.1
		5.2	80	33.0	2.2	26.6	85.1	4.3	0.9
		5.2	100	32.3	2.8	24.4	105.0	3.3	0.8
		5.6	120	31.4	3.7	21.1	124.9	2.5	2.4
	13	4.7	60	34.8	1.8	29.4	65.4	5.7	1.2
		5.2	80	34.3	2.3	27.6	85.3	4.4	1.0
		5.3	100	33.0	2.9	24.9	105.1	3.4	0.9
		5.3	120	31.8	3.7	21.5	124.9	2.5	0.9
50	6.5	10.0	60	44.0	1.8	38.5	66.8	7.2	1.8
		4.7	80	39.8	2.3	33.2	86.1	5.1	1.3
		2.8	100	34.7	2.8	26.7	105.4	3.6	1.0
		7.8	120	39.4	3.7	28.9	126.1	3.2	1.4
	9.8	7.2	60	46.0	1.8	40.4	67.1	7.4	2.0
		8.2	80	44.1	2.3	37.2	86.8	5.6	1.6
		6.0	100	40.7	2.9	32.3	106.3	4.1	1.3
		8.2	120	41.0	3.7	30.4	126.4	3.3	1.5
	13	7.7	60	47.5	1.9	41.7	67.3	7.4	2.1
		7.7	80	45.0	2.4	38.0	86.9	5.6	1.7
		7.9	100	42.9	3.0	34.4	106.7	4.3	1.5
		8.6	120	41.9	3.7	31.1	126.5	3.3	1.5
70	6.5	8.8	60	56.6	1.9	50.9	68.7	8.9	2.8
		11.3	80	54.3	2.4	47.3	88.4	6.7	2.4
		10.7	100	51.0	3.0	42.3	107.9	5.0	2.1
		10.7	120	49.6	3.7	38.8	127.7	3.9	2.2
	9.8	7.8	60	58.9	1.9	53.2	69.1	9.2	3.1
		12.7	80	57.5	2.4	50.4	88.9	7.1	2.7
		10.5	100	53.5	3.0	44.7	108.3	5.3	2.3
		10.7	120	52.2	3.7	41.3	128.1	4.1	2.4
	13	8.6	60	61.7	1.9	55.8	69.5	9.5	3.4
		10.5	80	58.9	2.4	51.7	89.1	7.2	2.9
		9.8	100	54.9	3.0	46.0	108.5	5.4	2.4
		11.9	120	53.7	3.8	42.6	128.4	4.2	2.6
90	6.5	10.6	60	70.3	1.8	64.7	70.8	11.2	4.3
		14.1	80	68.2	2.4	61.1	90.5	8.5	3.8
		8.4	100	61.4	3.0	52.6	109.5	6.1	3.1
		14.9	120	61.2	3.7	50.2	129.5	4.8	3.3
	9.8	13.1	60	77.2	1.9	71.4	71.9	12.1	5.2
		13.3	80	72.9	2.4	65.7	91.3	9.0	4.3
		14.3	100	68.4	3.0	59.5	110.6	6.7	3.8
		6.6	120	60.0	3.7	48.9	129.3	4.7	3.2
	13	19.2	60	81.2	1.9	75.4	72.5	12.6	5.8
		9.3	80	72.8	2.4	65.5	91.3	8.9	4.3
		17.0	100						
		14.9	120						

Heating Performance - Part Load (Continued)

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorbtion, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW120 Heating Performance - PART LOAD - 15 GPM									
30	15	4.6	60						
		4.2	80	32.8	2.3	26.2	84.4	4.2	0.9
		3.7	100	31.6	2.9	23.5	104.2	3.2	0.7
		4.6	120	30.7	3.6	20.6	124.1	2.5	0.8
	22.5	4.5	60						
		3.8	80	33.6	2.5	26.1	84.5	3.9	0.9
		4.0	100	32.1	3.1	23.2	104.3	3.1	0.8
		4.7	120	31.3	3.8	20.4	124.2	2.4	0.8
	30	4.5	60						
		3.7	80	34.0	2.9	25.3	84.6	3.4	0.9
		4.1	100	32.5	3.5	22.4	104.4	2.8	0.8
		4.8	120	31.5	4.2	19.4	124.3	2.2	0.9
50	15	5.5	60						
		6.7	80	44.3	2.4	37.3	85.9	5.5	1.6
		6.6	100	39.6	2.9	31.2	105.3	4.0	1.2
		3.9	120	40.6	3.7	29.9	125.5	3.2	1.3
	22.5	6.4	60	48.5	2.1	42.0	66.5	6.9	2.1
		7.4	80	45.0	2.6	37.3	86.0	5.2	1.6
		5.7	100	42.9	3.1	33.7	105.8	4.0	1.4
		6.3	120	40.8	3.9	29.5	125.5	3.1	1.3
	30	7.4	60	48.9	2.4	41.3	66.5	5.9	2.2
		6.2	80	46.7	2.9	37.7	86.3	4.7	1.8
		9.5	100	43.2	3.5	32.7	105.8	3.6	1.4
		6.2	120	41.1	4.2	28.6	125.5	2.8	1.3
70	15	6.9	60	61.4	1.9	55.6	68.2	9.6	3.4
		7.7	80	57.7	2.4	50.5	87.7	7.1	2.7
		8.4	100	52.3	3.0	43.5	107.0	5.2	2.1
		5.4	120	52.3	3.7	41.4	127.1	4.1	2.3
	22.5	10.9	60	63.0	2.0	56.6	68.4	9.0	3.6
		8.0	80	59.4	2.6	51.6	88.0	6.8	2.8
		8.5	100	56.0	3.1	46.6	107.5	5.2	2.4
		9.0	120	52.9	3.9	41.3	127.1	4.0	2.3
	30	8.6	60	64.9	2.4	57.3	68.6	8.0	3.8
		10.5	80	61.0	2.9	52.0	88.2	6.2	3.0
		10.4	100	56.7	3.5	46.2	107.6	4.8	2.5
		8.9	120	54.2	4.2	41.4	127.3	3.8	2.3
90	15	13.9	60						
		8.8	80						
		9.8	100						
		11.5	120						
	22.5	12.2	60						
		12.1	80						
		11.2	100						
		12.5	120						
	30	15.5	60						
		11.3	80						
		12.7	100						
		14.8	120						

Heating Performance - Part Load (Continued)

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorbtion, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW120 Heating Performance - PART LOAD - 22.5 GPM									
30	15	4.5	60						
		3.4	80	33.8	2.4	26.6	83.0	4.0	0.9
		4.1	100	32.2	3.0	23.6	102.9	3.1	0.7
		4.6	120	31.3	3.8	20.7	122.8	2.4	0.8
	22.5	4.0	60						
		4.3	80	34.2	2.7	26.2	83.0	3.8	0.9
		4.4	100	32.7	3.2	23.4	102.9	3.0	0.8
		4.7	120	31.8	4.0	20.5	122.9	2.4	0.8
	30	3.9	60						
		4.2	80	34.7	3.0	25.4	83.1	3.3	0.9
		4.1	100	32.9	3.6	22.3	103.0	2.7	0.8
		4.7	120	32.1	4.4	19.5	122.9	2.2	0.8
50	15	6.9	60						
		6.1	80	45.0	2.5	37.5	84.0	5.3	1.6
		4.8	100	41.5	3.0	32.6	103.7	4.0	1.3
		6.7	120	40.8	3.8	29.8	123.7	3.2	1.3
	22.5	5.5	60						
		6.4	80	46.3	2.7	38.1	84.1	5.1	1.7
		6.2	100	43.8	3.3	34.2	103.9	4.0	1.4
		6.2	120	41.3	4.0	29.6	123.7	3.0	1.3
	30	6.1	60						
		6.8	80	46.8	3.0	37.3	84.2	4.5	1.7
		7.8	100	44.2	3.6	33.3	104.0	3.6	1.4
		7.1	120	41.9	4.4	29.0	123.8	2.8	1.3
70	15	7.4	60	62.0	2.0	55.7	65.5	9.1	3.4
		7.5	80	58.2	2.5	50.6	85.2	6.8	2.7
		11.2	100	55.9	3.1	46.7	105.0	5.3	2.4
		9.0	120	52.5	3.8	41.2	124.7	4.1	2.1
	22.5	7.7	60	64.1	2.2	57.2	65.7	8.7	3.7
		7.8	80	60.4	2.7	52.1	85.4	6.6	2.9
		7.7	100	56.7	3.3	46.9	105.1	5.1	2.4
		12.9	120	54.2	4.0	42.3	124.9	4.0	2.3
	30	8.9	60	65.5	2.5	57.5	65.8	7.7	3.8
		8.4	80	61.1	3.0	51.8	85.5	6.0	3.0
		9.2	100	57.6	3.6	46.6	105.2	4.7	2.5
		9.2	120	54.1	4.3	41.1	124.9	3.7	2.3
90	15	7.6	60						
		10.0	80						
		12.2	100						
		11.9	120						
	22.5	10.0	60						
		10.3	80						
		12.2	100						
		18.1	120						
	30	10.6	60						
		12.7	80						
		14.5	100						
		17.1	120						

Heating Performance - Part Load (Continued)

SOURCE			Load						
			4 GPM						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorbtion, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW120 Heating Performance - PART LOAD - 30 GPM									
30	15	4.2	60						
		4.0	80	34.6	2.8	26.3	82.3	3.7	0.9
		4.6	100	33.2	3.3	23.6	102.2	3.0	0.7
		4.6	120	32.3	4.0	20.8	122.2	2.4	0.8
	22.5	4.9	60						
		4.2	80	35.3	3.0	26.3	82.4	3.5	0.9
		4.6	100	33.6	3.5	23.3	102.3	2.8	0.7
		4.7	120	32.9	4.2	20.7	122.2	2.3	0.8
	30	4.0	60						
		4.1	80	35.8	3.4	25.5	82.4	3.1	0.9
		4.4	100	34.1	3.9	22.5	102.3	2.6	0.8
		4.7	120	33.1	4.6	19.5	122.2	2.1	0.8
50	15	5.0	60						
		4.2	80	44.5	2.8	36.0	83.0	4.7	1.5
		7.0	100	44.0	3.3	34.0	103.0	3.9	1.3
		6.4	120	42.1	4.1	30.2	122.8	3.0	1.3
	22.5	5.2	60						
		9.0	80	48.1	3.0	38.9	83.2	4.7	1.7
		5.9	100	44.9	3.5	34.3	103.0	3.7	1.4
		6.4	120	42.6	4.3	30.0	122.9	2.9	1.3
	30	6.2	60						
		6.1	80	48.0	3.3	37.5	83.2	4.2	1.7
		6.2	100	45.1	3.9	33.2	103.0	3.4	1.4
		6.7	120	43.4	4.6	29.6	122.9	2.8	1.4
70	15	6.9	60						
		7.0	80	59.0	2.8	50.4	83.9	6.2	2.7
		6.6	100	55.0	3.3	44.9	103.7	4.8	2.2
		9.9	120	53.6	4.1	41.5	123.6	3.9	2.1
	22.5	8.2	60						
		9.5	80	62.0	3.0	52.8	84.1	6.1	2.9
		9.9	100	58.4	3.5	47.7	103.9	4.9	2.4
		9.2	120	55.2	4.2	42.5	123.7	3.8	2.3
	30	6.9	60						
		8.5	80	63.0	3.3	52.7	84.2	5.6	3.0
		6.2	100	57.0	3.8	45.1	103.8	4.3	2.3
		8.4	120	55.6	4.6	41.7	123.7	3.6	2.3
90	15	9.1	60						
		9.2	80						
		8.8	100						
		10.8	120						
	22.5	9.6	60						
		10.2	80						
		12.0	100						
		15.0	120						
	30	10.5	60						
		12.6	80						
		14.3	100						
			120						

Heating Performance - Full Load

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW024 Heating Performance - FULL LOAD - 4 GPM									
30	4	1.4	60	18.3	1.0	15.6	69.1	5.5	0.4
		1.8	80	18.5	1.3	15.1	89.3	4.3	0.4
		1.8	100	17.3	1.6	13.2	108.7	3.2	0.3
		2	120	17.7	2.1	12.3	129.0	2.5	0.4
	6	1.9	60	20.4	1.0	17.6	70.2	6.0	0.5
		1.9	80	18.8	1.3	15.4	89.5	4.4	0.4
		1.9	100	18.3	1.6	14.0	109.2	3.3	0.3
		2.1	120	18.4	2.1	12.9	129.3	2.5	0.4
	8	1.7	60	20.2	1.0	17.4	70.1	5.9	0.5
		2.5	80	19.6	1.3	16.1	89.8	4.5	0.4
		1.9	100	18.7	1.6	14.4	109.4	3.4	0.4
		2.2	120	18.8	2.1	13.2	129.5	2.6	0.4
50	4	2.8	60	25.5	1.0	22.5	72.7	7.2	0.8
		2.2	80	23.9	1.3	20.3	92.0	5.3	0.6
		2.6	100	23.2	1.7	18.7	111.7	4.0	0.6
		3	120	23.6	2.2	17.7	131.9	3.2	0.6
	6	3.1	60	27.1	1.1	24.1	73.6	7.5	0.8
		2.8	80	26.0	1.4	22.3	93.1	5.6	0.7
		2.9	100	24.7	1.7	20.1	112.5	4.3	0.6
		3.2	120	24.6	2.2	18.6	132.4	3.3	0.7
	8	2.8	60	27.7	1.1	24.6	73.9	7.6	0.9
		2.8	80	26.8	1.4	22.9	93.4	5.7	0.8
		1.9	100	23.6	1.7	19.0	111.9	4.1	0.6
		3.3	120	25.2	2.2	19.1	132.7	3.3	0.7
70	4	3.6	60	33.1	1.1	29.9	76.6	8.8	1.2
		2.8	80	30.8	1.4	26.9	95.5	6.4	1.0
		3.5	100	30.2	1.8	25.3	115.2	5.0	1.0
		4.4	120	30.3	2.3	24.0	135.3	3.9	1.1
	6	4.4	60	35.7	1.1	32.4	77.8	9.3	1.4
		3.6	80	33.5	1.4	29.5	96.8	6.8	1.2
		3.9	100	33.0	1.8	28.0	116.7	5.4	1.1
		4.5	120	31.5	2.3	25.2	136.0	4.1	1.2
	8	3.4	60	36.2	1.1	32.9	78.1	9.3	1.4
		3.9	80	34.6	1.5	30.5	97.4	7.0	1.2
		4.1	100	32.7	1.8	27.6	116.5	5.3	1.1
		4.6	120	32.3	2.3	25.9	136.4	4.1	1.2

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW024 Heating Performance - FULL LOAD - 4 GPM (Continued)									
90	4	3.5	60	40.7	1.2	37.4	80.4	10.4	1.8
		4.5	80	41.5	1.5	37.2	100.8	8.1	1.8
		4.9	100	39.5	1.9	34.2	119.9	6.2	1.7
		5.5	120	37.6	2.3	31.2	139.1	4.8	1.7
	6	4.6	60	44.6	1.2	41.1	82.3	11.0	2.1
		4.7	80	42.9	1.5	38.6	101.6	8.3	1.9
		5	100	40.5	1.9	35.2	120.4	6.3	1.8
		5.7	120						
	8	4.3	60	45.8	1.2	42.4	82.9	11.3	2.2
		4.8	80						
		5.3	100						
		5.8	120						

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW024 Heating Performance - FULL LOAD - 6 GPM									
30	4	3.1	60	19.8	1.0	17.1	66.6	6.1	0.5
		2.3	80	18.5	1.2	15.2	86.2	4.4	0.4
		1.9	100	17.3	1.6	13.3	105.8	3.3	0.3
		2	120	17.7	2.1	12.5	126.0	2.5	0.4
	6	2.1	60	20.2	1.0	17.5	66.7	6.2	0.5
		1.9	80	19.4	1.2	16.1	86.5	4.6	0.4
		2	100	18.0	1.6	13.9	106.0	3.4	0.3
		2.1	120	18.4	2.1	13.1	126.2	2.6	0.4
	8	1.8	60	20.3	1.0	17.6	66.8	6.2	0.5
		1.7	80	19.3	1.2	15.9	86.5	4.5	0.4
		2.1	100	18.6	1.6	14.5	106.3	3.4	0.4
		2.2	120	18.8	2.1	13.4	126.4	2.7	0.4
50	4	1.3	60	22.9	1.0	20.2	67.6	7.0	0.6
		2.3	80	24.0	1.3	20.5	88.0	5.5	0.6
		2.7	100	23.3	1.6	18.9	107.8	4.2	0.6
		3	120	23.5	2.1	17.9	127.9	3.3	0.6
	6	3.6	60	27.6	1.0	24.7	69.2	8.2	0.9
		2.7	80	26.4	1.3	22.7	88.8	6.0	0.7
		3.2	100	25.4	1.6	20.9	108.5	4.5	0.7
		3.4	120	23.7	2.1	18.0	128.0	3.3	0.6
	8	2.8	60	28.7	1.0	25.7	69.6	8.3	1.0
		2.9	80	26.6	1.3	22.9	88.9	6.0	0.7
		2.4	100	24.7	1.7	20.2	108.3	4.4	0.6
		3.3	120	25.3	2.1	19.5	128.5	3.5	0.7
70	4	3	60	33.0	1.0	30.0	71.0	9.6	1.2
		3.5	80	32.7	1.3	28.9	91.0	7.1	1.1
		3.7	100	31.7	1.7	27.0	110.7	5.5	1.0
		4.1	120	30.3	2.2	24.4	130.2	4.1	1.0
	6	3.3	60	35.4	1.0	32.4	71.8	10.1	1.4
		3.8	80	34.1	1.4	30.2	91.4	7.4	1.2
		3.2	100	31.6	1.7	26.8	110.6	5.4	1.0
		4.4	120	31.4	2.2	25.3	130.6	4.2	1.1
	8	3.8	60	37.2	1.0	34.1	72.4	10.5	1.5
		3.9	80	35.9	1.4	32.0	92.0	7.6	1.3
		4	100	33.7	1.7	28.9	111.3	5.7	1.2
		4.5	120	32.2	2.2	26.1	130.9	4.3	1.1

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorb-tion, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW024 Heating Performance - FULL LOAD - 6 GPM (Continued)									
90	4	5.2	60	42.9	1.0	39.8	74.3	12.0	2.0
		4.4	80	40.3	1.4	36.3	93.5	8.5	1.7
		4.9	100	39.1	1.8	34.1	113.1	6.5	1.6
		5.3	120	38.3	2.2	32.2	132.9	5.2	1.7
	6	6.8	60	46.3	1.1	43.2	75.4	12.8	2.3
		4.8	80	43.1	1.4	39.1	94.4	9.0	1.9
		4.8	100						
		5.5	120						
	8	5.9	60	48.0	1.1	44.8	76.0	13.3	2.5
		4.7	80	45.3	1.4	41.3	95.2	9.5	2.1
		4.9	100						
		5.3	120						

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW024 Heating Performance - FULL LOAD - 8 GPM									
30	4	1.7	60	19.1	0.9	16.5	64.8	6.0	0.4
		1.8	80	18.6	1.2	15.3	84.7	4.5	0.4
		1.9	100	17.8	1.6	13.7	104.5	3.4	0.3
		2	120	17.8	2.0	12.5	124.5	2.6	0.3
	6	1.9	60	20.6	0.9	18.0	65.2	6.4	0.5
		1.9	80	19.6	1.2	16.3	84.9	4.7	0.4
		2	100	18.4	1.6	14.3	104.6	3.5	0.3
		2.1	120	18.0	2.0	12.7	124.6	2.6	0.3
	8	1.8	60	20.5	1.0	17.8	65.1	6.3	0.5
		2	80	19.6	1.2	16.2	84.9	4.6	0.4
		2	100	18.7	1.6	14.6	104.7	3.5	0.4
		2.2	120	18.9	2.1	13.5	124.8	2.7	0.4
50	4	2.3	60	25.5	1.0	22.7	66.4	7.9	0.8
		2.3	80	24.1	1.3	20.7	86.1	5.6	0.6
		2.7	100	23.9	1.6	19.5	106.0	4.4	0.6
		3	120	23.6	2.1	18.0	126.0	3.3	0.6
	6	2.8	60	27.4	1.0	24.5	66.8	8.3	0.9
		2.8	80	25.9	1.3	22.4	86.5	6.0	0.7
		2.8	100	24.7	1.6	20.3	106.2	4.5	0.6
		3.2	120	24.7	2.1	19.1	126.3	3.5	0.6
	8	2.8	60	28.3	1.0	25.4	67.1	8.5	0.9
		2.5	80	26.3	1.3	22.7	86.6	6.0	0.7
		3.1	100	25.5	1.6	21.0	106.4	4.6	0.7
		3.3	120	25.4	2.1	19.7	126.4	3.6	0.7
70	4	3.7	60	33.9	1.0	31.0	68.5	10.2	1.3
		3.4	80	32.2	1.3	28.5	88.1	7.2	1.1
		3.6	100	32.0	1.7	27.4	108.1	5.6	1.0
		4.1	120	30.4	2.1	24.6	127.7	4.2	1.0
	6	3.3	60	35.7	1.0	32.8	68.9	10.7	1.5
		4	80	34.4	1.3	30.7	88.6	7.6	1.2
		3.7	100	32.4	1.7	27.7	108.2	5.7	1.1
		4.4	120	31.9	2.1	26.0	128.1	4.4	1.1
	8	3.7	60	37.4	1.0	34.5	69.3	11.0	1.6
		3.4	80	35.0	1.3	31.2	88.8	7.7	1.3
		3.9	100	34.0	1.7	29.3	108.6	5.9	1.2
		4.4	120	32.7	2.1	26.7	128.3	4.5	1.2

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW024 Heating Performance - FULL LOAD - 8 GPM (Continued)									
90	4	4.2	60	43.1	1.0	40.2	70.8	12.8	2.1
		4.4	80	40.6	1.3	36.7	90.2	8.9	1.7
		5	100	38.9	1.7	34.1	109.8	6.7	1.5
		5.3	120	38.2	2.1	32.3	129.7	5.3	1.6
	6	4.4	60	45.8	1.0	42.9	71.4	13.5	2.3
		4.6	80	43.5	1.4	39.6	90.9	9.4	1.9
		5.1	100	42.0	1.7	37.1	110.6	7.2	1.8
		5.4	120						
	8	4.5	60	47.9	1.0	45.0	72.0	14.2	2.5
		4.6	80	45.8	1.3	42.0	91.5	10.0	2.2
		6.5	100						
		5.5	120						

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW036 Heating Performance - FULL LOAD - 4.5 GPM									
30	4.5	4	60	27.1	1.6	22.6	72.1	4.9	0.8
		4.3	80	26.2	2.0	20.8	91.7	3.9	0.6
		2.1	100	22.9	2.4	16.7	110.3	2.8	0.5
		4.7	120	25.3	3.1	17.2	131.4	2.4	0.5
	6.8	5.6	60	29.1	1.6	24.5	72.9	5.2	0.9
		2.9	80	25.9	2.0	20.6	91.6	3.8	0.6
		4.8	100	26.9	2.5	20.2	112.1	3.2	0.6
		5.9	120	26.2	3.2	17.8	131.8	2.4	0.8
	9	4.4	60	29.9	1.7	25.2	73.3	5.3	0.9
		5.1	80	28.6	2.0	23.0	92.8	4.1	0.8
		4.1	100	27.4	2.5	20.6	112.3	3.2	0.6
		4.7	120	26.4	3.2	18.1	131.9	2.5	0.6
50	4.5	5.7	60	35.5	1.7	30.7	75.8	6.2	1.3
		6.8	80	34.6	2.1	28.7	95.5	4.8	1.1
		7.5	100	33.6	2.6	26.4	115.1	3.8	1.0
		7.1	120	32.9	3.3	23.9	134.8	2.9	1.2
	6.8	5.7	60	37.7	1.7	32.8	76.8	6.4	1.4
		5.7	80	36.0	2.1	30.0	96.1	5.0	1.2
		7.9	100	35.6	2.7	28.2	116.0	3.9	1.1
		7.5	120	34.1	3.3	25.0	135.4	3.0	1.3
	9	9.3	60	40.2	1.8	35.0	77.9	6.7	1.6
		4.5	80	36.0	2.1	30.0	96.1	4.9	1.2
		6.5	100	36.3	2.7	28.8	116.3	4.0	1.2
		7.2	120	35.1	3.4	25.8	135.8	3.1	1.3
70	4.5	6.2	60	44.3	1.8	39.1	79.7	7.2	1.9
		6	80	42.3	2.2	36.0	98.9	5.6	1.6
		8.3	100	42.4	2.8	34.6	119.0	4.5	1.6
		9.8	120	41.2	3.4	31.6	138.6	3.5	1.8
	6.8	8.3	60	49.2	1.9	43.7	81.9	7.8	2.3
		9.1	80	47.2	2.3	40.7	101.1	6.1	2.0
		9.3	100	45.3	2.8	37.4	120.3	4.8	1.9
		9.3	120	43.6	3.4	33.8	139.6	3.7	2.0
	9	9.3	60	51.6	1.9	46.1	83.0	8.0	2.5
		11.9	80	49.7	2.3	43.0	102.2	6.3	2.2
		8.7	100	46.3	2.8	38.3	120.8	4.8	2.0
		14.1	120	45.7	3.5	35.7	140.6	3.9	2.1

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW036 Heating Performance - FULL LOAD - 4.5 GPM (Continued)									
90	4.5	8.9	60	56.8	1.9	51.2	85.3	8.7	3.1
		10.5	80	54.9	2.3	48.2	104.5	6.9	2.7
		11.3	100	53.2	2.9	45.0	123.9	5.4	2.6
		16.7	120						
	6.8	9.3	60	61.8	2.0	56.1	87.5	9.2	3.6
		11.3	80	59.1	2.4	52.2	106.4	7.3	3.2
		12.3	100	56.4	2.9	48.1	125.3	5.7	3.0
		14.3	120						
	9	9.7	60	64.0	2.0	58.2	88.5	9.4	3.8
		8.3	80	59.2	2.4	52.4	106.5	7.3	3.2
		11.5	100	58.6	2.9	50.1	126.3	5.9	3.2
		12.6	120						

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW036 Heating Performance - FULL LOAD - 6.8 GPM									
30	4.5	3.8	60	27.2	1.6	22.9	68.1	5.1	0.8
		3.6	80	26.4	1.9	21.2	87.9	4.0	0.6
		3.4	100	25.1	2.4	18.7	107.5	3.1	0.5
		4.7	120	25.1	3.0	17.2	127.5	2.4	0.7
	6.8	3.9	60	28.7	1.6	24.2	68.5	5.4	0.8
		4.3	80	27.7	1.9	22.3	88.2	4.2	0.7
		2.3	100	24.2	2.4	17.9	107.2	3.0	0.5
		3.8	120	25.1	3.1	17.0	127.5	2.4	0.8
	9	4.4	60	29.9	1.6	25.3	68.8	5.5	0.9
		6.5	80	29.1	2.0	23.5	88.6	4.3	0.7
		4.8	100	27.8	2.5	21.2	108.3	3.3	0.7
		3.6	120	26.2	3.1	18.0	127.9	2.5	0.7
50	4.5	5.5	60	35.8	1.6	31.1	70.6	6.5	1.3
		6	80	34.7	2.0	29.0	90.3	5.1	1.1
		7.2	100	33.8	2.5	26.9	110.1	4.0	1.0
		7	120	33.1	3.2	24.4	129.9	3.1	1.1
	6.8	6.2	60	38.6	1.6	33.8	71.4	6.9	1.5
		6.7	80	37.5	2.0	31.8	91.2	5.4	1.3
		8	100	35.8	2.5	28.7	110.7	4.1	1.1
		6.9	120	34.5	3.2	25.7	130.4	3.2	1.2
	9	6.4	60	40.6	1.7	35.7	72.0	7.1	1.6
		5.3	80	38.3	2.1	32.5	91.4	5.5	1.3
		6.8	100	36.7	2.6	29.5	111.0	4.2	1.2
		3.7	120	32.2	3.2	23.5	129.7	3.0	1.1
70	4.5	10.1	60	46.8	1.7	41.8	73.9	8.1	2.1
		6.4	80	43.1	2.1	37.2	92.8	6.1	1.7
		8.3	100	42.8	2.6	35.4	112.8	4.8	1.6
		9.8	120	41.9	3.3	32.7	132.6	3.8	1.7
	6.8	6.3	60	48.4	1.7	43.3	74.3	8.3	2.3
		10	80	48.3	2.1	42.1	94.4	6.6	2.1
		10.3	100	46.2	2.6	38.7	113.8	5.1	1.9
		11.4	120	44.4	3.3	35.2	133.3	4.0	1.9
	9	6.1	60	50.2	1.7	45.1	74.9	8.5	2.4
		9.4	80	50.2	2.1	44.1	94.9	6.9	2.3
		10.8	100	48.2	2.7	40.6	114.4	5.3	2.0
		9.6	120	45.6	3.3	36.3	133.7	4.1	2.0

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW036 Heating Performance - FULL LOAD - 6.8 GPM (Continued)									
90	4.5	8.1	60	58.0	1.8	52.7	77.2	9.7	3.2
		5.3	80	50.1	2.1	44.0	94.9	6.9	2.3
		6.5	100	49.6	2.6	42.1	114.8	5.5	2.2
		14.1	120	51.8	3.3	42.3	135.5	4.6	2.6
	6.8	10.5	60	63.1	1.8	57.9	78.7	10.3	3.8
		10	80	60.2	2.2	53.9	97.9	8.1	3.3
		14.7	100	58.1	2.7	50.3	117.4	6.3	3.1
		9.7	120	54.8	3.3	45.3	136.5	4.8	3.2
	9	9.2	60	65.5	1.8	60.1	79.4	10.5	4.1
		9	80	63.0	2.2	56.6	98.8	8.3	3.6
		14.6	100	60.6	2.7	52.7	118.1	6.5	3.3
		14.5	120	57.2	3.4	47.5	137.2	5.0	3.2

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW036 Heating Performance - FULL LOAD - 9 GPM									
30	4.5	3.8	60	27.4	1.5	23.0	66.1	5.2	0.8
		3.9	80	26.3	1.9	21.1	85.9	4.0	0.6
		3	100	24.3	2.4	18.1	105.4	3.0	0.5
		3.5	120	24.2	3.1	16.2	125.5	2.3	0.8
	6.8	4	60	29.0	1.5	24.6	66.4	5.5	0.9
		4.7	80	28.0	1.9	22.7	86.2	4.3	0.7
		4.2	100	26.9	2.4	20.5	106.0	3.3	0.6
		5.9	120	26.4	3.1	18.3	125.9	2.5	0.7
	9	7.3	60	30.2	1.6	25.3	66.7	5.4	0.8
		3.1	80	27.5	1.9	22.2	86.1	4.2	0.7
		4.5	100	27.5	2.4	21.0	106.2	3.3	0.6
		5.2	120	27.2	3.1	19.0	126.1	2.6	0.8
50	4.5	5.4	60	28.4	2.6	21.5	110.4	3.3	0.7
		5.5	80	36.0	1.6	31.4	68.0	6.7	1.3
		6.1	100	34.8	2.0	29.2	87.8	5.2	1.1
		9.7	120	34.0	2.5	27.1	107.6	4.0	0.9
	6.8	6.9	60	32.7	3.1	24.2	127.4	3.1	1.0
		6	80	39.0	1.6	34.3	68.7	7.1	1.5
		5.8	100	36.8	2.0	31.1	88.2	5.4	1.2
		7.1	120	35.9	2.5	29.0	108.1	4.2	1.1
	9	7.3	60	34.8	3.1	26.1	127.8	3.2	1.1
		6.4	80	40.5	1.6	35.7	69.0	7.3	1.6
		6.7	100	38.5	2.0	32.8	88.6	5.6	1.3
		7.6	120	37.0	2.5	29.9	108.3	4.3	1.2
70	4.5	6.7	60	35.6	3.2	26.8	128.0	3.3	1.2
		5.8	80	45.1	1.6	40.3	70.0	8.1	2.0
		7.3	100	44.2	2.0	38.4	89.9	6.4	1.7
		11.2	120	43.6	2.6	36.3	109.8	5.0	1.6
	6.8	6.2	60	39.8	3.2	30.9	129.0	3.7	1.5
		8.3	80	50.6	1.7	45.6	71.2	8.9	2.5
		7.5	100	47.4	2.1	41.5	90.6	6.8	2.0
		8.2	120	46.1	2.6	38.8	110.3	5.3	1.8
	9	10.9	60	45.1	3.2	36.1	130.1	4.1	1.9
		8.4	80	53.2	1.7	48.2	71.8	9.2	2.8
		7.9	100	50.4	2.1	44.3	91.2	7.1	2.3
		9.6	120	47.9	2.6	40.5	110.7	5.4	2.0

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW036 Heating Performance - FULL LOAD - 9 GPM (Continued)									
90	4.5	9.6	60	45.7	3.2	36.6	130.3	4.2	1.9
		7.3	80	58.4	1.7	53.3	73.0	10.1	3.3
		10	100	56.0	2.1	50.0	92.5	7.9	2.8
		5.7	120	48.9	2.6	41.7	111.0	5.6	2.1
	6.8	10.9	60	51.5	3.2	42.3	131.6	4.7	2.5
		10.7	80	64.3	1.7	59.1	74.3	10.8	4.0
		9.7	100	61.0	2.1	54.9	93.6	8.5	3.3
		11.3	120	58.0	2.6	50.5	113.0	6.6	3.0
	9	11.5	60	55.2	3.2	46.0	132.4	5.0	2.9
		8.2	80	65.5	1.8	60.3	74.6	11.0	4.2
		13.6	100	64.7	2.1	58.4	94.4	8.9	3.8
		10.2	120	60.7	2.6	53.2	113.6	6.8	3.3

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW048 Heating Performance - FULL LOAD - 6 GPM									
30	6	6.5	60	35.4	1.9	29.8	71.8	5.5	1.2
		6.6	80	34.4	2.4	27.5	91.5	4.2	1.0
		7.5	100	34.9	3.1	26.1	111.7	3.3	1.0
		8.4	120	34.9	4.0	23.6	131.8	2.5	1.4
	9	7	60	37.5	1.9	31.8	72.5	5.7	1.3
		5.8	80	34.9	2.4	27.9	91.7	4.2	1.0
		8.1	100	36.5	3.2	27.5	112.3	3.4	1.1
		8.5	120	35.8	4.1	24.2	132.1	2.6	2.4
	12	7.3	60	38.9	2.0	33.1	73.0	5.8	1.4
		8	80	38.5	2.5	31.2	92.9	4.5	1.2
		8.4	100	37.6	3.2	28.4	112.6	3.4	1.1
		8.5	120	36.3	4.1	24.7	132.3	2.6	1.6
50	6	8.6	60	47.7	2.0	41.7	75.9	7.0	2.0
		10.2	80	45.6	2.5	38.2	95.3	5.2	1.7
		9.4	100	45.1	3.3	35.6	115.2	4.0	1.7
		11.9	120	44.1	4.1	32.2	134.9	3.1	1.9
	9	10.5	60	50.5	2.0	44.3	76.8	7.2	2.3
		11	80	49.1	2.6	41.5	96.4	5.5	2.0
		10.5	100	46.6	3.3	37.0	115.7	4.1	1.8
		13	120	46.6	4.2	34.5	135.7	3.3	2.2
	12	12.2	60	53.3	2.1	46.9	77.8	7.4	2.5
		12.6	80	50.9	2.6	43.1	97.1	5.6	2.1
		12.2	100	48.7	3.4	38.8	116.4	4.2	1.9
		13.4	120	47.7	4.2	35.5	136.1	3.3	2.2
70	6	12.7	60	61.6	2.1	55.2	80.6	8.5	3.3
		10.3	80	56.9	2.6	49.1	99.1	6.3	2.7
		14.8	100	57.4	3.4	47.5	119.3	5.0	2.7
		16	120	56.2	4.2	43.9	139.0	3.9	3.1
	9	8.3	60	61.7	2.1	55.4	80.6	8.5	3.3
		14	80	63.4	2.7	55.4	101.3	6.9	3.4
		15.8	100	60.5	3.4	50.4	120.3	5.2	3.1
		22.1	120	59.3	4.3	46.8	140.0	4.1	3.3
	12	14.6	60	69.6	2.2	62.8	83.2	9.2	4.2
		24.1	80	66.7	2.7	58.4	102.3	7.1	3.8
		16.4	100	63.4	3.4	53.2	121.3	5.4	3.4
		18.2	120	60.2	4.3	47.6	140.4	4.1	3.5

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW048 Heating Performance - FULL LOAD - 6 GPM (Continued)									
90	6	16.4	60	77.3	2.2	70.5	85.8	10.1	5.1
		13.6	80	73.6	2.8	65.4	104.7	7.8	4.6
		18.4	100	71.1	3.5	60.8	123.9	6.0	4.4
		22.7	120	69.9	4.3	57.1	143.6	4.7	4.8
	9	14	60	82.0	2.3	75.0	87.4	10.5	5.7
		19.5	80	80.7	2.8	72.2	107.1	8.3	5.5
		25.4	100	78.6	3.5	68.0	126.4	6.5	5.4
		29.4	120						
	12	17.2	60	88.6	2.4	81.3	89.6	10.9	6.6
		21	80	85.1	2.9	76.4	108.6	8.6	6.1
		23.7	100	80.9	3.6	70.2	127.2	6.6	5.7
		22.2	120						

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW048 Heating Performance - FULL LOAD - 9 GPM									
30	6	6.2	60	35.8	1.8	30.4	68.0	5.7	1.2
		6.3	80	34.2	2.3	27.5	87.6	4.3	1.0
		7.4	100	35.0	3.0	26.4	107.8	3.4	1.0
		8	120	34.7	3.9	23.7	127.8	2.6	1.3
	9	6.6	60	36.8	1.8	31.3	68.2	5.8	1.3
		6.3	80	36.1	2.4	29.2	88.0	4.5	1.1
		7.8	100	36.4	3.1	27.7	108.2	3.5	1.0
		8.7	120	36.1	3.9	25.0	128.1	2.7	1.4
	12	8.1	60	39.2	1.9	33.5	68.7	6.1	1.5
		6.9	80	37.8	2.4	30.8	88.4	4.6	1.2
		8.3	100	38.0	3.1	29.1	108.5	3.6	1.1
		8.9	120	36.8	4.0	25.6	128.3	2.7	1.4
50	6	9.3	60	48.1	1.9	42.4	70.7	7.4	2.2
		12.1	80	46.7	2.4	39.5	90.4	5.6	1.8
		9.6	100	44.3	3.1	35.2	109.9	4.1	1.6
		11	120	44.1	4.0	32.6	129.9	3.2	1.7
	9	8.2	60	49.7	1.9	43.8	71.0	7.5	2.2
		11	80	49.2	2.5	41.9	91.0	5.8	2.0
		11	100	47.3	3.2	38.0	110.6	4.4	1.8
		12.8	120	46.9	4.0	35.2	130.5	3.4	2.0
	12	10.1	60	53.4	2.0	47.4	71.9	7.9	2.6
		13.5	80	51.5	2.5	44.0	91.5	6.0	2.2
		10.7	100	48.9	3.2	39.5	111.0	4.5	1.9
		17	120	47.6	4.0	35.8	130.7	3.5	2.0
70	6	10.7	60	61.1	2.0	55.0	73.6	9.0	3.3
		12.8	80	59.7	2.5	52.3	93.3	7.0	3.0
		15.6	100	58.3	3.2	48.9	113.1	5.4	2.8
		12.6	120	54.4	4.0	42.7	132.3	4.0	2.6
	9	12.8	60	67.2	2.0	61.0	74.9	9.7	4.0
		12.3	80	65.2	2.5	57.7	94.6	7.6	3.5
		17.3	100	62.9	3.2	53.4	114.1	5.8	3.3
		18.9	120	60.3	4.1	48.3	133.6	4.4	3.2
	12	13.6	60	70.6	2.1	64.2	75.7	10.0	4.4
		13.7	80	67.7	2.6	60.0	95.1	7.8	3.8
		16.6	100	64.1	3.2	54.5	114.4	5.8	3.4
		18.6	120	61.2	4.1	49.2	133.8	4.4	3.3

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW048 Heating Performance - FULL LOAD - 9 GPM (Continued)									
90	6	9.8	60	72.8	2.0	66.6	76.2	10.5	4.6
		18.3	80	75.8	2.6	68.1	96.9	8.7	4.7
		19.6	100	73.5	3.2	63.9	116.5	6.7	4.5
		21.7	120	70.4	4.1	58.4	135.9	5.1	4.5
	9	23.5	60	89.3	2.2	82.6	79.9	12.1	6.8
		12.6	80	78.2	2.6	70.4	97.5	8.9	5.0
		18.8	100	78.0	3.3	68.3	117.5	7.0	5.2
		23.9	120	75.5	4.1	63.3	137.0	5.4	5.2
	12	19	60	92.0	2.2	85.2	80.5	12.1	7.2
		19.1	80	86.0	2.7	78.0	99.2	9.5	6.1
		16.2	100	81.4	3.3	71.6	118.3	7.2	5.6
		18.4	120	75.4	4.1	63.2	137.0	5.4	5.2

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW048 Heating Performance - FULL LOAD - 12 GPM									
30	6	5.1	60	34.3	1.8	29.0	65.7	5.6	1.1
		6.3	80	35.1	2.3	28.4	85.9	4.4	1.0
		7.3	100	35.1	3.0	26.5	105.9	3.4	0.9
		8	120	34.8	3.9	23.9	125.9	2.6	1.2
	9	7	60	37.8	1.8	32.3	66.3	6.0	1.4
		4.8	80	34.6	2.3	27.9	85.8	4.3	1.0
		7.8	100	36.5	3.0	27.9	106.1	3.5	1.0
		8.8	120	36.4	3.9	25.3	126.1	2.7	1.3
	12	6.8	60	39.3	1.9	33.6	66.5	6.1	1.5
		7.8	80	38.2	2.4	31.2	86.4	4.7	1.2
		8.4	100	38.1	3.1	29.3	106.4	3.6	1.1
		9	120	37.2	3.9	26.0	126.3	2.8	1.1
50	6	9.6	60	48.0	1.9	42.3	68.0	7.5	2.1
		9.1	80	46.4	2.4	39.3	87.8	5.7	1.8
		8.6	100	44.6	3.1	35.7	107.5	4.3	1.6
		10.8	120	43.3	3.9	31.9	127.3	3.2	1.6
	9	8.6	60	52.5	1.9	46.6	68.7	8.0	2.5
		11.4	80	49.6	2.4	42.4	88.3	6.0	2.0
		11.7	100	47.3	3.1	38.2	107.9	4.5	1.8
		12.6	120	46.4	3.9	34.9	127.8	3.4	1.8
	12	11	60	53.9	2.0	47.9	69.0	8.1	2.6
		9.7	80	51.3	2.5	44.0	88.6	6.1	2.2
		10.1	100	48.5	3.1	39.3	108.1	4.5	1.9
		12.7	120	47.4	4.0	35.8	128.0	3.5	1.9
70	6	9.7	60	60.7	1.9	54.7	70.1	9.2	3.3
		14.5	80	61.3	2.4	54.1	90.3	7.4	3.1
		12.1	100	57.7	3.1	48.6	109.7	5.5	2.7
		16.1	120	56.5	3.9	44.9	129.5	4.2	2.8
	9	12.6	60	67.9	2.0	61.8	71.3	10.0	4.1
		17.5	80	66.1	2.5	58.7	91.1	7.9	3.6
		18.9	100	63.3	3.1	54.1	110.6	6.0	3.3
		16.5	120	59.1	4.0	47.4	130.0	4.4	3.0
	12	13.4	60	71.4	2.0	65.2	71.9	10.4	4.5
		17.5	80	68.9	2.5	61.4	91.5	8.1	3.9
		9.7	100	59.9	3.1	50.7	110.1	5.6	2.9
		17.7	120	61.6	4.0	49.8	130.4	4.5	3.3

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW048 Heating Performance - FULL LOAD - 12 GPM (Continued)									
90	6	24.1	60	82.9	2.0	76.6	73.8	11.9	5.9
		9.4	80	69.8	2.4	62.4	91.7	8.4	4.0
		25.3	100	75.2	3.1	65.8	112.6	7.1	4.6
		20.7	120	70.0	3.9	58.3	131.8	5.2	4.3
	9	17.4	60	88.1	2.1	81.6	74.7	12.3	6.7
		12.7	80	79.2	2.5	71.7	93.3	9.3	5.1
		17.8	100	79.3	3.1	69.9	113.3	7.4	5.2
		22.1	120	74.7	4.0	62.9	132.6	5.5	4.9
	12	19.9	60	93.8	2.2	87.1	75.6	12.7	7.5
		16.6	80	86.1	2.6	78.3	94.4	9.9	6.1
		18.6	100	82.8	3.2	73.3	113.9	7.6	5.7
		22.7	120	78.4	4.0	66.5	133.2	5.8	5.4

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW060 Heating Performance - FULL LOAD - 6/5 GPM									
30	6.5	10.9	60	44.1	2.5	36.4	73.6	5.1	1.7
		10.8	80	43.0	3.2	33.5	93.3	3.9	1.5
		10.1	100	41.9	4.0	30.1	113.0	3.0	1.4
		13.8	120	41.7	5.1	26.8	133.0	2.4	0.9
	9.8	11.6	60	46.7	2.6	38.7	74.4	5.3	2.0
		12.2	80	45.0	3.3	35.3	93.9	4.1	1.6
		11.8	100	44.1	4.1	32.0	113.7	3.2	1.5
		11.1	120	43.4	5.2	28.2	133.5	2.5	1.0
	13	13.7	60	49.8	2.7	41.6	75.3	5.4	2.1
		12.1	80	46.6	3.3	36.6	94.4	4.1	1.8
		12.5	100	44.8	4.1	32.6	113.9	3.2	1.6
		13.2	120	44.4	5.2	29.0	133.8	2.5	1.1
50	6.5	14.8	60	57.3	2.7	48.8	77.6	6.1	2.9
		17.3	80	55.7	3.4	45.4	97.2	4.8	2.5
		14.7	100	53.1	4.2	40.3	116.5	3.7	2.3
		22.5	120	53.9	5.4	37.7	136.8	2.9	3.1
	9.8	15.6	60	61.3	2.8	52.7	78.9	6.4	3.2
		11.7	80	56.8	3.4	46.4	97.6	4.8	2.6
		18.6	100	57.5	4.3	44.5	117.9	3.9	2.6
		17.4	120	56.2	5.5	39.7	137.5	3.0	3.9
	13	16.3	60	63.8	2.9	55.0	79.7	6.6	3.5
		17.4	80	60.9	3.5	50.2	98.8	5.1	3.0
		18.1	100	58.9	4.4	45.7	118.3	4.0	2.8
		21.6	120	58.3	5.5	41.6	138.2	3.1	3.6
70	6.5	18.8	60	73.1	2.9	64.1	82.5	7.4	4.6
		16.3	80	69.1	3.5	58.3	101.4	5.7	3.9
		23.5	100	69.4	4.4	55.9	121.5	4.6	3.9
		22.7	120	67.1	5.6	50.1	140.9	3.5	4.5
	9.8	20.6	60	79.2	3.0	70.0	84.4	7.8	5.3
		22.6	80	76.2	3.6	65.0	103.6	6.1	4.8
		24.6	100	73.6	4.5	59.8	122.9	4.8	4.5
		27.4	120	71.2	5.7	53.9	142.2	3.7	5.1
	13	21.5	60	82.7	3.0	73.3	85.5	8.0	5.8
		25.5	80	81.3	3.7	69.8	105.1	6.4	5.3
		24.7	100	75.9	4.6	61.9	123.6	4.9	4.8
		23.4	120	72.9	5.7	55.4	142.8	3.7	5.3

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW060 Heating Performance - FULL LOAD - 6/5 GPM (Continued)									
90	6.5	23.9	60	91.3	3.1	81.8	88.1	8.7	6.9
		23.7	80	87.2	3.8	75.6	107.0	6.8	6.2
		34.7	100	86.1	4.7	71.7	126.7	5.4	6.3
		31.4	120						
	9.8	26.2	60	100.0	3.2	90.0	90.8	9.2	8.2
		27.4	80	95.5	3.9	83.5	109.5	7.2	7.4
		32.9	100	92.3	4.8	77.6	128.7	5.7	7.3
		32.4	120						
	13	27.4	60	104.8	3.3	94.6	92.3	9.4	9.0
		28.9	80	99.8	4.0	87.5	110.9	7.4	8.2
		20.5	100	91.1	4.8	76.4	128.3	5.6	7.2
		23.2	120						

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW060 Heating Performance - FULL LOAD - 9.8 GPM									
30	6.5	11.2	60	45.2	2.5	37.7	69.2	5.4	1.8
		10.1	80	42.4	3.1	33.3	88.7	4.0	1.4
		17.4	100	42.1	3.9	30.6	108.7	3.2	1.3
		11.2	120	41.8	5.0	27.4	128.6	2.5	1.0
	9.8	12.9	60	48.8	2.5	41.1	70.0	5.7	2.1
		12	80	45.3	3.1	36.0	89.3	4.2	1.7
		10.7	100	43.3	3.9	31.7	108.9	3.2	1.4
		11.3	120	42.2	5.0	27.5	128.7	2.5	1.1
	13	13.4	60	50.4	2.6	42.5	70.3	5.7	2.2
		7.3	80	44.0	3.2	34.6	89.0	4.1	1.6
		14.1	100	46.0	4.0	34.1	109.5	3.4	1.6
		11	120	44.1	5.1	29.2	129.1	2.5	1.1
50	6.5	14.1	60	57.7	2.6	49.7	71.8	6.5	2.9
		15.8	80	55.9	3.2	46.1	91.5	5.1	2.5
		24.5	100	54.4	4.1	42.1	111.2	3.9	2.3
		18.8	120	54.7	5.2	39.3	131.3	3.1	2.7
	9.8	15.4	60	62.1	2.6	53.9	72.7	6.9	3.4
		17	80	60.2	3.3	50.2	92.3	5.4	2.9
		15.7	100	57.5	4.1	45.1	111.8	4.1	2.6
		19.3	120	56.5	5.2	40.9	131.7	3.2	3.1
	13	16.1	60	64.7	2.7	56.3	73.2	7.1	3.7
		13.1	80	60.0	3.3	49.9	92.3	5.3	2.9
		17.9	100	59.4	4.2	46.9	112.2	4.2	2.8
		16.4	120	57.1	5.2	41.3	131.8	3.2	2.9
70	6.5	18.6	60	74.1	2.7	65.7	75.1	8.1	4.8
		21.7	80	71.5	3.3	61.2	94.7	6.3	4.2
		22.1	100	69.7	4.2	57.1	114.4	4.9	3.9
		21.8	120	67.5	5.3	51.5	134.0	3.8	4.1
	9.8	20.4	60	80.9	2.7	72.3	76.5	8.6	5.6
		23	80	78.7	3.4	68.2	96.1	6.8	5.0
		24.1	100	74.6	4.2	61.7	115.4	5.2	4.5
		26.6	120	71.8	5.3	55.6	134.9	4.0	4.6
	13	21.3	60	84.6	2.8	75.8	77.3	8.9	6.1
		22.2	80	80.6	3.5	69.9	96.5	6.8	5.3
		24.1	100	77.0	4.3	63.9	115.9	5.3	4.8
		25.9	120	73.9	5.4	57.5	135.3	4.0	4.8

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW060 Heating Performance - FULL LOAD - 9.8 GPM (Continued)									
90	6.5	25.7	60	93.4	2.8	84.6	79.1	9.8	7.3
		24	80	89.0	3.5	78.2	98.2	7.5	6.4
		30.6	100	86.2	4.3	73.0	117.8	5.9	6.1
		31.4	120	84.2	5.4	67.5	137.4	4.6	6.3
	9.8	24.9	60	102.2	2.9	93.1	80.9	10.4	8.7
		26.6	80	97.4	3.5	86.3	100.0	8.1	7.7
		27.8	100	92.3	4.4	78.8	119.0	6.2	7.1
		38.6	120	90.2	5.5	73.2	138.6	4.8	7.4
	13	26.1	60	107.6	2.9	98.3	82.0	10.7	9.6
		28.3	80	102.6	3.6	91.4	101.1	8.3	8.4
		33.2	100	99.4	4.5	85.6	120.5	6.5	8.1
		34.2	120	92.8	5.5	75.7	139.2	4.9	7.9

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW060 Heating Performance - FULL LOAD - 13 GPM									
30	6.5	10.7	60	44.6	2.4	37.2	66.9	5.4	1.8
		10.5	80	43.3	3.1	34.2	86.7	4.2	1.5
		11.8	100	43.5	3.9	32.1	106.7	3.3	1.4
		10.9	120	42.0	4.9	27.6	126.5	2.5	0.9
	9.8	7.6	60	45.0	2.4	37.5	66.9	5.4	1.9
		12.2	80	45.9	3.1	36.6	87.1	4.3	1.7
		12.6	100	44.6	3.9	33.1	106.9	3.3	1.5
		7.2	120	41.4	5.0	27.0	126.4	2.4	0.9
	13	13.3	60	50.7	2.5	42.9	67.8	5.9	2.3
		13.2	80	47.4	3.2	37.9	87.3	4.4	1.8
		11.1	100	43.5	3.9	31.9	106.8	3.2	1.4
		11.4	120	44.0	5.1	29.0	126.9	2.5	2.2
50	6.5	14	60	58.1	2.5	50.1	68.9	6.7	3.0
		19.4	80	56.8	3.2	47.0	88.8	5.2	2.5
		16.9	100	55.1	4.0	43.1	108.6	4.0	2.3
		19.9	120	53.9	5.1	38.7	128.4	3.1	2.5
	9.8	15.3	60	62.6	2.6	54.5	69.6	7.1	3.5
		14.7	80	59.4	3.2	49.6	89.2	5.4	2.9
		19	100	58.9	4.0	46.7	109.1	4.3	2.7
		19.8	120	56.7	5.1	41.3	128.8	3.3	2.8
	13	16	60	65.2	2.6	57.0	70.0	7.3	3.8
		16.4	80	62.6	3.3	52.6	89.7	5.6	3.2
		17.8	100	59.8	4.1	47.5	109.3	4.3	2.8
		21.3	120	58.9	5.2	43.3	129.2	3.3	3.2
70	6.5	18.5	60	74.9	2.6	66.7	71.5	8.4	4.9
		13.9	80	68.8	3.2	58.9	90.6	6.2	3.9
		22.7	100	69.9	4.1	57.5	110.8	5.0	3.9
		28.2	120	68.3	5.1	52.7	130.6	3.9	3.9
	9.8	20.1	60	81.7	2.7	73.3	72.6	9.0	5.8
		21	80	77.9	3.3	67.7	92.0	6.9	4.9
		23.8	100	75.2	4.1	62.6	111.7	5.4	4.5
		26.3	120	72.2	5.2	56.4	131.3	4.1	4.4
	13	21	60	85.5	2.7	76.9	73.1	9.3	6.3
		22	80	81.4	3.4	71.0	92.6	7.1	5.3
		23.8	100	77.6	4.2	64.9	112.0	5.5	4.8
		24.1	120	74.7	5.2	58.7	131.6	4.2	4.7

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW060 Heating Performance - FULL LOAD - 13 GPM (Continued)									
90	6.5	25.7	60	94.4	2.7	85.9	74.5	10.3	7.5
		23.7	80	89.7	3.3	79.4	93.9	7.9	6.5
		28.8	100	87.2	4.2	74.4	113.5	6.1	6.1
		27.6	120	84.1	5.2	68.0	133.1	4.7	6.2
	9.8	24.5	60	103.4	2.8	94.7	75.9	11.0	9.0
		26.8	80	99.0	3.4	88.3	95.3	8.5	7.8
		31.2	100	95.9	4.2	82.8	114.9	6.6	7.4
		28.5	120	88.4	5.3	72.1	133.8	4.9	6.9
	13	25.8	60	109.4	2.8	100.5	76.8	11.4	9.9
		27.8	80	103.9	3.5	93.1	96.1	8.8	8.6
		29.5	100	98.5	4.3	85.2	115.3	6.7	7.8
		31.8	120	94.5	5.4	78.0	134.7	5.2	7.8

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW120 Heating Performance - FULL LOAD - 15 GPM									
30	15	10.1	60	48.7	2.5	40.9	66.5	5.7	2.0
		10.6	80	46.5	3.2	37.0	86.2	5.5	1.6
		10.8	100	45.4	4.0	33.7	106.1	5.0	1.4
		11.3	120	44.1	5.1	29.1	125.9	4.3	1.8
	22.5	10.4	60	50.3	2.7	41.7	66.7	5.4	2.2
		10.8	80	48.1	3.4	37.8	86.4	4.8	1.7
		11.4	100	45.8	4.2	33.3	106.2	5.2	1.4
		11.5	120	45.0	5.4	28.9	126.1	4.2	3.7
	30	10.8	60	50.5	3.1	40.5	66.7	2.5	2.2
		11.2	80	48.2	3.8	36.5	86.4	2.4	1.7
		11.4	100	46.4	4.6	32.6	106.2	2.4	1.5
		12.1	120	44.7	5.7	27.7	126.0	3.8	2.0
50	15	14.3	60	65.1	2.6	56.9	68.7	7.2	3.6
		15	80	62.2	3.3	52.1	88.3	6.6	2.9
		15.6	100	59.8	4.0	47.5	108.0	7.3	2.5
		16.7	120	57.7	5.1	42.4	127.8	5.2	2.5
	22.5	14.6	60	67.8	2.8	58.9	69.0	6.9	3.9
		15.5	80	64.1	3.5	53.4	88.6	6.4	3.1
		17.6	100	62.4	4.2	49.5	108.4	7.1	2.8
		17.1	120	58.8	5.3	42.7	127.9	5.4	2.6
	30	14.9	60	69.0	3.2	58.9	69.2	3.3	4.0
		15.8	80	65.1	3.8	53.1	88.7	3.3	3.2
		16.6	100	61.8	4.6	47.5	108.3	3.2	2.7
		17.6	120	59.1	5.7	41.7	128.0	5.0	2.6
70	15	18.3	60	85.8	2.7	77.4	71.4	9.3	6.3
		19.4	80	81.7	3.3	71.4	90.9	8.6	5.1
		20.7	100	78.0	4.1	65.4	110.5	9.5	4.4
		22.4	120	74.6	5.2	58.8	130.1	7.2	4.2
	22.5	19	60	89.8	2.9	80.6	72.0	9.1	6.8
		20.1	80	85.0	3.5	74.0	91.4	8.5	5.5
		21.8	100	80.1	4.3	66.7	110.8	9.2	4.7
		23.5	120	76.0	5.3	59.6	130.3	7.1	4.3
	30	19.6	60	91.1	3.2	80.8	72.1	4.1	7.0
		20.4	80	86.9	3.8	74.8	91.6	8.4	5.8
		22.1	100	81.3	4.6	66.9	110.9	4.2	4.8
		23.9	120	77.0	5.7	59.4	130.4	6.3	4.5

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW120 Heating Performance - FULL LOAD - 15 GPM (Continued)									
90	15	22.2	60	109.3	2.7	100.6	74.6	12.0	10.0
		23.9	80	104.0	3.4	93.4	93.9	10.9	8.3
		27.9	100	100.5	4.2	87.5	113.5	11.8	7.5
		28.7	120	93.9	5.2	77.8	132.7	8.6	6.8
	22.5	23.1	60	114.7	2.9	105.4	75.3	10.9	11.0
		24.8	80	108.8	3.6	97.5	94.6	11.6	9.1
		27	100	103.0	4.4	89.4	113.9	11.6	7.9
		30	120	97.3	5.4	80.4	133.1	9.1	7.4
	30	23.5	60	117.7	3.2	107.3	75.7	10.7	11.6
		25.1	80	110.6	3.9	98.3	94.8	5.3	9.4
		27.9	100	104.2	4.7	89.5	114.0	10.7	8.1
		30.7	120	98.1	5.7	80.2	133.2	8.1	7.5

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW120 Heating Performance - FULL LOAD - 22.5 GPM									
30	15	10.1	60	49.5	2.7	41.2	64.4	4.2	2.0
		10.6	80	47.3	3.3	37.3	84.2	4.0	1.6
		11	100	46.0	4.1	33.9	104.1	3.3	1.4
		14.1	120	45.6	5.2	30.4	124.1	3.4	1.7
	22.5	10.6	60	50.6	2.9	41.5	64.5	4.1	2.1
		10.8	80	48.8	3.5	38.1	84.4	3.8	1.7
		11.1	100	46.9	4.3	34.0	104.2	3.2	1.4
		11.8	120	45.1	5.4	29.2	124.1	3.1	1.7
	30	10.8	60	51.3	3.3	40.9	64.6	3.7	2.2
		11.2	80	48.9	3.9	36.8	84.4	3.5	1.7
		11.4	100	47.1	4.7	32.9	104.2	3.0	1.4
		12.1	120	45.4	5.8	28.1	124.1	2.8	1.7
50	15	14	60	66.4	2.7	57.8	65.9	5.5	3.7
		14.9	80	63.1	3.3	52.7	85.6	5.6	2.9
		15.7	100	60.2	4.1	47.6	105.4	4.3	2.4
		16.7	120	58.4	5.2	42.8	125.3	4.3	2.4
	22.5	14.5	60	68.9	2.9	59.6	66.1	5.1	4.0
		15.4	80	65.1	3.5	54.0	85.8	5.4	3.1
		16.3	100	61.8	4.3	48.5	105.5	4.3	2.6
		17.1	120	59.5	5.4	43.2	125.4	4.2	2.5
	30	14.8	60	70.2	3.3	59.6	66.2	4.7	4.1
		15.7	80	66.1	3.9	53.8	85.9	5.0	3.2
		16.5	100	62.6	4.7	48.1	105.6	3.9	2.7
		17.3	120	60.3	5.7	42.8	125.4	3.9	2.5
70	15	18.1	60	87.2	2.7	78.4	67.7	6.8	6.4
		19.2	80	83.0	3.4	72.4	87.4	7.3	5.1
		20.5	100	78.9	4.1	66.0	107.1	5.4	4.4
		22.2	120	75.5	5.2	59.6	126.8	5.6	4.0
	22.5	18.8	60	91.3	2.9	81.8	68.1	6.7	7.0
		19.9	80	86.3	3.6	75.1	87.7	7.1	5.6
		21.6	100	81.2	4.3	67.7	107.3	5.3	4.6
		23.3	120	77.0	5.4	60.4	126.9	5.5	4.2
	30	19.4	60	92.7	3.3	82.1	68.2	6.6	7.3
		20.2	80	88.1	3.9	75.7	87.9	6.6	5.8
		21.6	100	83.0	4.7	68.4	107.4	5.2	4.9
		23.7	120	78.0	5.7	60.3	127.0	5.0	4.3

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW120 Heating Performance - FULL LOAD - 22.5 GPM (Continued)									
90	15	23.2	60	113.3	2.8	104.5	70.1	9.1	10.6
		23.5	80	105.7	3.4	95.0	89.4	9.0	8.5
		27.4	100	102.1	4.2	89.1	109.2	6.9	7.4
		28.2	120	95.2	5.2	79.1	128.6	7.2	6.6
	22.5	22.7	60	116.8	2.9	107.4	70.4	8.6	11.5
		24.4	80	110.7	3.6	99.4	89.9	8.9	9.3
		26.1	100	104.5	4.4	90.8	109.4	6.8	7.8
		29.7	120	98.1	5.4	81.3	128.8	7.0	7.0
	30	23.3	60	119.3	3.3	108.8	70.6	8.5	11.9
		25.2	80	112.8	3.9	100.3	90.1	8.3	9.6
		27.4	100	106.1	4.7	91.3	109.5	6.4	8.1
		29.7	120	100.2	5.7	82.3	129.0	6.6	7.4

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW120 Heating Performance - FULL LOAD - 30 GPM									
30	15	10	60	50.8	3.0	41.3	63.4	3.2	2.0
		10.6	80	48.4	3.6	37.4	83.2	2.6	1.5
		11.1	100	46.6	4.3	33.5	103.1	2.5	1.3
		11.6	120	45.1	5.4	29.3	123.0	2.5	1.6
	22.5	10.6	60	51.9	3.2	41.7	63.5	3.2	2.1
		11	80	49.5	3.8	37.7	83.3	4.7	1.6
		11.1	100	47.9	4.6	34.1	103.2	4.6	1.4
		11	120	45.1	5.6	28.3	123.0	4.3	1.5
	30	10.8	60	52.6	3.6	41.1	63.5	3.0	2.2
		11.1	80	50.1	4.2	37.0	83.4	2.3	1.7
		11.5	100	47.9	4.9	32.8	103.2	2.3	1.4
		12.4	120	47.4	6.0	29.3	123.2	2.3	2.4
50	15	13.9	60	67.8	3.0	58.1	64.5	4.1	3.7
		14.6	80	64.6	3.6	53.2	84.3	3.3	2.9
		15.7	100	61.4	4.4	47.9	104.1	3.2	2.4
		16.6	120	59.5	5.4	43.0	124.0	3.3	2.4
	22.5	14.5	60	70.3	3.2	59.9	64.7	4.0	4.0
		15.4	80	66.3	3.8	54.3	84.4	6.3	3.1
		16.2	100	63.0	4.6	48.8	104.2	5.9	2.6
		17	120	60.6	5.6	43.4	124.1	6.4	2.4
	30	14.7	60	71.6	3.6	60.0	64.8	3.8	4.2
		15.7	80	67.4	4.2	54.1	84.5	3.0	3.2
		16.5	100	63.8	4.9	48.4	104.3	3.1	2.6
		17.3	120	61.4	6.0	43.0	124.1	3.1	2.5
70	15	18	60	88.7	3.0	79.0	65.9	5.6	6.5
		19.1	80	84.4	3.6	72.9	85.6	4.2	5.1
		20.4	100	80.2	4.4	66.5	105.4	4.3	4.3
		22.1	120	76.6	5.4	60.0	125.2	4.2	3.9
	22.5	18.7	60	92.8	3.2	82.5	66.2	5.5	7.1
		19.8	80	87.8	3.8	75.7	85.9	7.9	5.6
		21.5	100	82.6	4.6	68.2	105.5	8.3	4.6
		23.3	120	78.2	5.6	60.8	125.3	4.2	4.1
	30	19	60	95.1	3.5	83.5	66.3	5.2	7.5
		20.1	80	89.6	4.2	76.3	86.0	4.0	5.8
		21.5	100	84.4	4.9	68.9	105.7	4.0	4.8
		23.6	120	79.2	5.9	60.7	125.3	3.9	4.2

Heating Performance - Full Load (Continued)

SOURCE			Load						
EWT	GPM	Pressure Drop (PSI)	EWT	Heating Capacity, MBH	Power, KW	Heat Absorption, MBH	Leaving Water Temp.	COP	Pressure drop (PSI)
GW120 Heating Performance - FULL LOAD - 30 GPM (Continued)									
90	15	21.7	60	112.9	3.0	103.1	67.5	7.0	10.6
		23.4	80	107.4	3.6	95.8	87.2	5.2	8.5
		27.1	100	103.6	4.4	89.8	107.0	5.4	7.4
		28	120	96.5	5.4	79.7	126.5	5.3	6.5
	22.5	22.5	60	118.7	3.2	108.3	67.9	6.9	11.8
		24.2	80	112.1	3.8	99.9	87.5	10.2	9.3
		25.9	100	106.1	4.6	91.6	107.1	5.3	7.8
		29.5	120	99.5	5.6	82.0	126.7	5.2	6.8
	30	22.7	60	122.1	3.5	110.6	68.1	6.5	12.2
		25	80	114.6	4.1	101.3	87.7	5.1	9.7
		27.2	100	107.7	4.9	92.2	107.2	5.2	8.1
		29.4	120	101.6	5.9	83.1	126.9	5.0	7.2

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
Ethylene Glycol	5	0.997	0.997	1.003	0.993	0.998	1.060
	10	0.995	0.995	1.004	0.986	0.996	1.120
	15	0.992	0.992	1.005	0.980	0.993	1.190
	25	0.988	0.988	1.009	0.970	0.990	1.330
	30	0.985	0.985	1.012	0.965	0.987	1.400

Operating Limits for Heating and Cooling

Limit			Heating	Cooling
Minimum ambient air			40°F	50°F
Maximum ambient air			85°F	100°F
Rated ambient air			68°F	80°F
Antifreeze Protection Required LWT / EWT			< 40/< 50°F	-
Source	Minimum water coil entering fluid		30°F	50°F
	Maximum water coil entering fluid		90°F	110°F
Load	Minimum water coil entering fluid		60°F	50°F
	Maximum water coil entering fluid		120°F	90°F
Rated water coil entering fluid	Water Loop application	Load	104°F	53.6°F
		Source	68°F	86°F
	Ground Loop application	Load	104°F	53.6°F
		Source	32°F/41°F(PL)	77°F/68°F(PL)
	Ground Water application	Load	104°F	53.6°F
		Source	50°F	59°F
Maximum operating water pressure		450psi/3103kPa		
Minimum operating water flow rate		1.5 GPM per ton		

Notes:

- Antifreeze required for fluid temperatures below 50 °F
- Maximum and minimum fluid conditions are at unit rated flow rate.
- Maximum and minimum operating limits may not be combined. If one value is at either maximum or minimum, the other value(s) must be within normal operating range.