

**GZA INFINITY® SERIES
GEOTHERMAL SPLIT HEAT PUMP
WITH PURON ADVANCE™ (R-454B) REFRIGERANT
Sizes 024, 036, 048, 060, 072**



Product Data



Features & Benefits

Energy Efficiency

- 3.6 - 4.5 COP, 15.8 - 25.1 EER (Closed Loop)
- 4.7 - 6.1 COP, 20.8 - 29.0 EER (Open Loop)
- Optional supplemental domestic water heating
- Optional cupro-nickel heat exchanger for open loop applications.

Comfort

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

Control

- Microprocessor control
- Compatible with Infinity® System Control
- Factory installed A2L dissipation sensor

Sound

- Fully insulated cabinet with closed cell foam
- Compressor blanket

Reliability, Quality and Durability

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

Flexibility and Installation

- Unit compatible with FE/FV fan coils
- Compatible with Carrier evaporator coils
- Compatible with Infinity® System Control and with many 3 stage heat, 2 stage cooling programmable thermostats (using non-Infinity® System Control will limit features.)
- Suitable for mounting outdoors when used with outdoor flow center kit.

Energy Star

- All sizes meet Energy Star requirements when paired with AHRI listed tested combination

Model Number Nomenclature

	1-2	3-4-5	6	7	8	9	10	11	12	13	14	15	16	
	GZ	024	S	A	X	C	D	X	X	1	D	X	1	
Unit Type & Brand														Series
GZ Geothermal Infinity®														1 = Initial
														Future Use
Size (BTU)														X
024														
036														Dissipation System
048														D= With Dissipation
060														X= W/O Dissipation
072														
Cabinet Configuration														Voltage
S = Split Water to Air														1= 208-230/60/1
Refrigerant														Air Coil
A = R-454B (Puron Advance)														X = No Air Coil
														Future Use
Future Use														x - None
X = None														
														Hot Water Option
														D= with Desuperheater
														X= without Desuperheater
														Coax Options
														C= Copper
														N= 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



Furnace Match-Up

When using the GZA unit with a furnace, it is important to match the CFM output of the furnace to the requirements of the GHP. For the GZA072, the selected furnace must achieve at least 2200 CFM.

NOTE: The Infinity® System Control may not prevent the system from accepting a furnace with less airflow than required for the GZA072. This is the responsibility of the installer. Airflow settings below rated airflow will negatively impact performance. To avoid lockouts caused by inadequate airflow, it may be required to adjust airflow greater than COM setting for some sizes .

Physical Data

Description	Unit Size				072
	024	036	048	060	
Compressor Type (Qty 1)	Scroll	Scroll	Scroll	Scroll	Scroll
Refrigeration Charge (oz)*	51	57	70	100	100
Max Water Working Pressure (PSIG)	400	400	400	400	400
Water Connection Size					
FPT	0.75	1	1	1	1
Coaxial Coil Volume (gal)	0.28	0.46	0.46	1.09	1.09
Cabinet Details					
Weight - Operating (lbs)	140	166	209	254	270
Weight - Shipping (lbs)	165	191	234	279	295
Shipping Dimensions	34.5 x 39 x 27	34.5 x 39 x 27	34.5 x 39 x 30.5	34.5 x 39 x 30.5	34.5 x 39 x 30.5

Electrical Data

Model Size	Voltage Code	Rated Voltage	Voltage Min/Max	Compressor			Total Unit		
				QTY	RLA	LRA	Min Circuit Amps	Max Fuse/HACR	MOP
024	1	208-230/1/60	197/253	1	10.3	62	12.8	23.1	20
036	1			1	14.6	90	18.2	32.7	30
048	1			1	18.3	138	22.9	41.3	40
060	1			1	25.2	147.3	31.5	56.7	50
072				1	29.7	179.2	37.1	60	60

Fan Coil / Evap AHRI Coil match-up

Geothermal Split	Fan Coil Communicating / Non-Communicating	Cased Coil
GZA024	FE5***C36L* / FT5***C36L*	CAA**2414AM*
GZA036	FE5***C36L* / FT5***C36L*	CAA**3617AM*
GZA048	FE5***C48L* / FT5***C48L*	CAA**4821AM*
GZA060	FE5***D60L* / FT5***D60L*	CAA**6024AM*
GZA072	FE5***D60L* / FT5***D60L*	CAA**6024AM*

Accessories

Factory Installed Options

- Cupro-nickel Coil - Recommended in conditions anticipating moderate scale formation or in brackish water (such as open-loop applications).
- 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 - Infinity®System Control is recommended to enable the most available features.
- Internal Electric Heat (mounted in fan coil) - Choices include 5, 10, 15, or 20 kilowatt back up or an emergency heater depending on the size of the geothermal heat pump.
- Unit mounting pad (see accessory catalog)
- Flow centers, hose kits, etc. (see accessory catalog)

NOTE: See Geothermal Accessory Catalog for the full selection of available field-installed accessories.

AHRI RATINGS

Fan Coils					Water Loop Heat Pump				Ground Water Heat Pump				Ground Loop Heat Pump				CFM	GPM
					Cooling 86°F		Heating 68°F		Cooling 59 °F		Heating 50°F		FL Cooling 77°F PL Cooling 68 °F		FL Heating 32 °F PL Heating 41 °F			
Series	Water Coil Option	CS Model Number	Air Handler	Load	Capacity BTU/h	EER BTU/W-h	Capacity BTU/h	COP	Capacity BTU/h	EER BTU/W-h	Capacity BTU/h	COP	Capacity BTU/h	EER BTU/W-h	Capacity BTU/h	COP		
GZA	Copper	GZA024	FE5***C36L* / FT5***C36L*	Full	25,000	16.1	28,000	5.6	28,200	24.2	23,400	4.9	26,000	18.5	18,800	4.1	1,050	6.0
				Part	18,200	17.4	20,800	6.1	20,800	29.0	17,400	5.0	20,000	25.1	15,400	4.5	840	6.0
	CuNi			Full	24,400	15.7	27,400	5.5	27,600	23.7	23,000	4.8	25,400	18.1	18,400	4.0	1,050	6.0
				Part	17,800	17.0	20,400	5.9	20,400	28.5	17,000	4.9	19,600	24.6	15,200	4.4	840	6.0
	Copper Copper	GZA036	FE5***C36L* / FT5***C36L*	Full	35,000	14.7	44,000	5.2	40,000	21.7	36,600	4.6	36,800	16.9	28,200	3.7	1,050	9.0
				Part	25,200	16.0	32,400	5.4	29,200	26.9	26,000	4.6	27,800	22.5	22,800	4.2	840	9.0
	CuNi CuNi			Full	34,200	14.4	43,500	5.1	39,000	21.3	35,800	4.5	36,000	16.6	27,600	3.7	1,050	9.0
				Part	24,600	15.6	31,600	5.3	28,600	26.4	25,400	4.5	27,200	22.0	22,400	4.1	840	9.0
	Copper Copper	GZA048	FE5***C48L* / FT5***C48L*	Full	46,000	14.6	55,500	5.2	52,000	21.5	46,500	4.6	48,500	17.1	37,800	4.0	1,400	12.0
				Part	34,400	16.1	41,000	5.7	39,000	27.0	33,800	4.8	37,400	22.6	30,400	4.3	1,120	12.0
	CuNi CuNi			Full	45,000	14.3	54,000	5.1	51,000	21.0	45,500	4.5	47,500	16.7	37,000	3.9	1,400	12.0
				Part	33,600	15.7	40,000	5.6	38,000	26.5	33,200	4.7	36,600	22.1	29,800	4.2	1,120	12.0
	Copper Copper	GZA060	FE5***D60L* / FT5***D60L*	Full	58,500	15.5	70,000	4.8	63,500	21.7	60,000	4.4	60,500	17.6	47,000	3.7	1,750	15.0
				Part	43,000	16.6	51,000	5.4	48,500	27.5	42,500	4.5	47,500	23.9	38,000	4.1	1,400	15.0
	CuNi CuNi			Full	57,000	15.2	68,500	4.7	62,500	21.3	59,000	4.3	59,500	17.3	46,000	3.7	1,750	15.0
				Part	42,000	16.3	50,000	5.2	47,500	27.0	41,500	4.4	46,500	23.5	37,200	4.0	1,400	15.0
	Copper Copper	GZA072	FE5***D60L* / FT5***D60L*	Full	65,500	14.3	79,500	4.3	70,500	20.2	65,500	4.0	68,000	16.3	52,500	3.5	1,750	15.0
				Part	49,000	15.2	61,000	4.6	54,500	25.2	50,500	4.1	54,000	21.6	44,500	3.7	1,400	15.0
	CuNi			Full	64,000	14.0	77,500	4.2	69,000	19.8	64,000	3.9	66,500	15.9	51,500	3.4	1,750	15.0
				Part	48,000	14.9	60,000	4.5	53,500	24.7	49,000	4.0	53,000	21.2	43,500	3.6	1,400	15.0

notes:
Ratings based upon AHRI/ANSI 13256-1 with 1" disposable Merv 5 filter
Only valid for units with "TXV only" application option: GLHP ratings require an extended range option

AHRI RATINGS (CONTINUED)

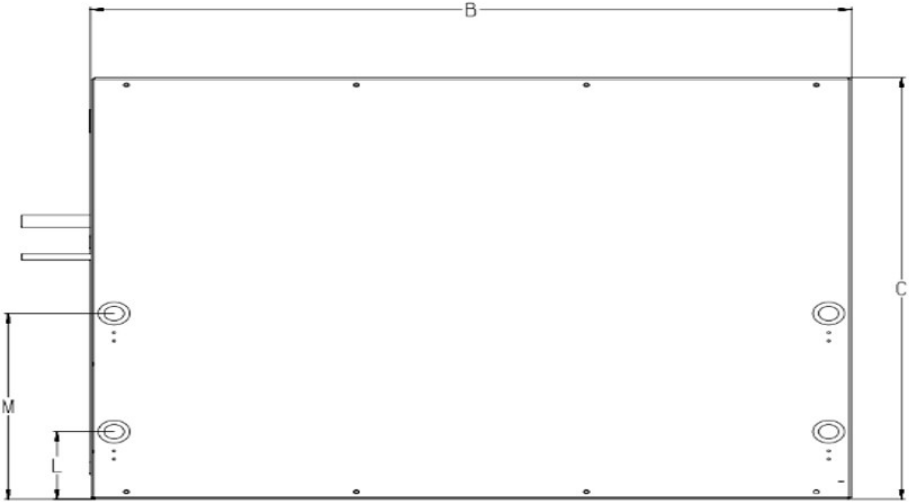
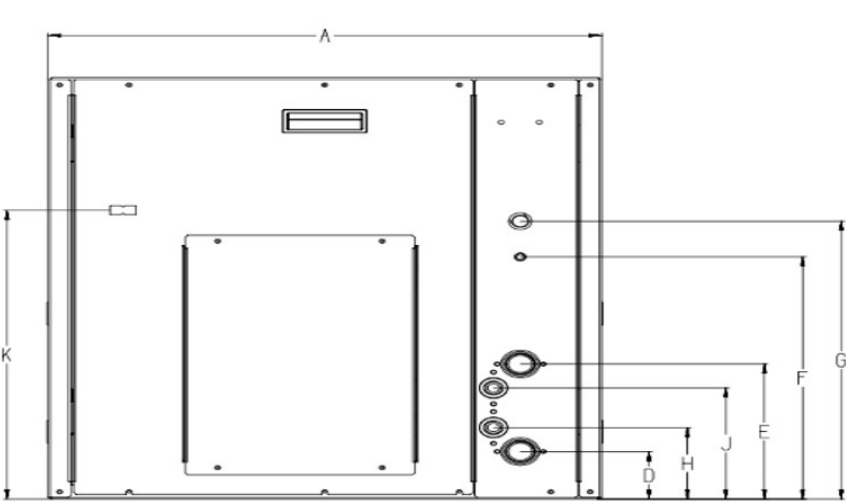
Cased Furnace Coil					Water Loop Heat Pump				Ground Water Heat Pump				Ground Loop Heat Pump				CFM	GPM
					Heating 68°F		Heating 68°F		Cooling 59°F		Heating 50°F		FL Cooling 77°F PL Cooling 68°F		FL Heating 32°F PL Heating 41°F			
Series	Water Coil Option	CS Model Number	Air Handler	Load	Capacity BTU/h	EER BTU/W-h	Capacity BTU/h	COP	Capacity BTU/h	EER BTU/W-h	Capacity BTU/h	COP	Capacity BTU/h	EER BTU/W-h	Capacity BTU/h	COP		
GZA	Copper	GZA024	CAA**2414AM*	Full	24,600	15.3	28,800	5.0	27,200	24.8	23,800	4.5	20,400	16.6	18,800	4.0	1,050	6.0
	Copper	GZA024	CAA**2414AM*	Part	17,800	16.6	21,400	5.7	20,000	29.8	17,400	4.7	19,400	24.8	15,200	4.3	840	6.0
	CuNI	GZA024	CAA**2414AM*	Full	24,200	15.0	28,200	4.9	26,600	24.3	23,400	4.4	20,000	16.2	18,400	3.9	1,050	6.0
	CuNI	GZA024	CAA**2414AM*	Part	17,400	16.2	21,000	5.6	19,600	29.2	17,000	4.6	19,000	24.3	15,000	4.2	840	6.0
	Copper	GZA036	CAA**3617AM*	Full	35,600	15.1	43,000	4.8	40,000	22.8	34,400	4.4	28,800	17.4	27,600	3.6	1,050	9.0
	Copper	GZA036	CAA**3617AM*	Part	26,200	16.6	32,400	5.4	29,800	27.8	25,800	4.5	29,200	22.8	23,000	4.2	840	9.0
	CuNI	GZA036	CAA**3617AM*	Full	34,800	14.8	42,000	4.7	39,500	22.3	33,800	4.3	28,200	17.0	27,000	3.6	1,050	9.0
	CuNI	GZA036	CAA**3617AM*	Part	25,600	16.3	31,800	5.3	29,200	27.3	25,200	4.4	28,800	22.3	22,600	4.1	840	9.0
	Copper	GZA048	CAA**4821AM*	Full	49,000	14.7	56,500	5.2	54,500	22.3	46,500	4.6	38,000	16.2	38,500	4.1	1,400	12.0
	Copper	GZA048	CAA**4821AM*	Part	34,800	16.2	41,500	5.4	39,000	27.0	34,000	4.6	37,800	22.3	31,000	4.2	1,120	12.0
	CuNI	GZA048	CAA**4821AM*	Full	48,000	14.4	55,000	5.1	53,500	21.9	45,500	4.5	37,600	15.8	38,000	4.0	1,400	12.0
	CuNI	GZA048	CAA**4821AM*	Part	34,200	15.8	40,500	5.3	38,000	26.4	33,200	4.5	37,000	21.9	30,200	4.1	1,120	12.0
	Copper	GZA060	CAA**6024AM*	Full	60,000	15.3	71,500	4.8	66,000	21.2	58,500	4.3	48,000	16.9	49,500	4.0	1,750	15.0
	Copper	GZA060	CAA**6024AM*	Part	43,000	16.2	52,500	5.5	48,500	27.2	42,500	4.5	47,000	21.2	39,000	4.1	1,400	15.0
	CuNI	GZA060	CAA**6024AM*	Full	58,500	15.0	70,000	4.7	65,000	20.8	57,500	4.3	47,000	16.6	48,500	3.9	1,750	15.0
	CuNI	GZA060	CAA**6024AM*	Part	42,000	15.8	51,500	5.4	47,500	26.7	42,000	4.4	46,000	20.8	38,000	4.1	1,400	15.0
	Copper	GZA072	CAA**6024AM*	Full	66,000	14.3	81,000	4.7	74,500	22.2	68,000	4.2	56,500	16.3	56,000	3.8	1,750	15.0
	Copper	GZA072	CAA**6024AM*	Part	50,500	15.5	62,500	4.9	56,000	24.4	52,000	4.3	54,500	21.2	47,000	4.0	1,400	15.0
	CuNI	GZA072	CAA**6024AM*	Full	65,000	14.0	79,500	4.6	73,000	21.8	66,500	4.1	56,000	16.0	55,000	3.7	1,750	15.0
	CuNI	GZA072	CAA**6024AM*	Part	50,000	15.2	61,500	4.8	55,500	23.9	51,000	4.2	53,500	20.8	46,500	3.9	1,400	15.0

notes:
Ratings based upon AHRI/ANSI 13256-1 with 1" disposable Merv 5 filter
Only valid for units with "TXV only" application option: GLHP ratings require an extended range option

Manufacturer reserves the right to change, at any time, specifications and designs without notice and without obligations.

DIMENSIONS

Unit Size	A	B	C	D	E	F	G	H	J	K	L	M	WATER CON- NECTIONS	HRP CON- NECTIONS
	WIDTH	DEPTH	HEIGHT	WATER IN	WATER OUT	LIQUID CON- NECTION	SUCTION CONNECTION	HRP IN	HRP OUT	HRP SWITCH KNOCKOUT	ELETRICAL KNOCKOUT			
24	24.00	26.00	22.00	3.13	8.50	3/8" @ 11.25	3/4" @ 13.375	4.625	7.00	14.00	4.00	11.25	3/4" FPT	1/2" FPT
36	24.00	26.00	22.00	3.13	8.50	3/8" @ 11.25	3/4" @ 13.375	4.625	7.00	14.00	4.00	11.25	1" FPT	1/2" FPT
48	24.00	33.00	25.50	2.88	8.25	3/8" @ 14.75	3/4 @ 16.875	4.375	6.75	17.50	4.00	11.25	1" FPT	1/2" FPT
60	24.00	33.00	25.50	2.88	8.25	3/8" @ 14.75	3/4 @ 16.875	4.375	6.75	17.50	4.00	11.25	1" FPT	1/2" FPT
72	24.00	33.00	25.50	2.88	8.25	3/8" @ 14.75	3/4 @ 16.875	4.375	6.75	17.50	4.00	11.25	1" FPT	1/2" FPT



Cooling Performance

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA024 WITH CAA**2414AM*CAA**2414AM*COOLING PERFORMANCE - FULL LOAD @ 1050 CFM									
50	3	2.7	1.2	75/63	26.9	22.2	30.1	1.1	23.8
				80/67	28.6	22.7	31.8	1.2	24.9
				85/71	30.3	23.4	33.7	1.2	25.9
	4.5	5.4	2.3	75/63	27.9	22.5	30.7	1.0	27.7
				80/67	29.7	23.1	32.6	1.0	29.2
				85/71	31.6	23.6	34.5	1.0	30.8
	6	8.8	3.8	75/63	28.4	22.7	31.0	0.9	30.1
				80/67	30.2	23.3	32.9	0.9	32.0
				85/71	32.2	23.8	34.9	0.9	33.9
	8	14.5	6.3	75/63	28.7	22.9	31.2	0.9	34.1
				80/67	30.6	23.5	33.1	0.9	34.4
				85/71	32.7	23.9	35.2	0.9	36.7
60	3	2.6	1.1	75/63	25.9	21.7	29.5	1.3	20.2
				80/67	27.5	22.3	31.2	1.3	21.1
				85/71	29.2	22.8	33.0	1.3	22.0
	4.5	5.2	2.2	75/63	26.8	22.0	30.0	1.2	23.1
				80/67	28.5	22.6	31.8	1.2	24.4
				85/71	30.3	23.2	33.7	1.2	25.6
	6	8.5	3.7	75/63	27.2	22.3	30.2	1.1	24.9
				80/67	28.9	23.0	32.0	1.1	26.3
				85/71	30.8	23.6	34.0	1.1	27.8
	8	13.9	6.0	75/63	27.7	22.2	30.6	1.0	26.5
				80/67	29.5	23.0	32.5	1.0	28.2
				85/71	31.4	23.5	34.4	1.0	30.0
70	3	2.5	1.1	75/63	24.8	21.3	28.7	1.4	17.1
				80/67	26.2	22.0	30.4	1.5	17.9
				85/71	28.2	21.8	32.3	1.5	18.7
	4.5	5.0	2.1	75/63	25.7	21.6	29.3	1.3	19.5
				80/67	27.4	22.2	31.1	1.3	20.5
				85/71	29.1	22.7	32.9	1.3	21.6
	6	8.1	3.5	75/63	26.1	21.8	29.6	1.3	20.9
				80/67	27.8	22.4	31.4	1.3	22.1
				85/71	29.7	22.8	33.3	1.3	23.3
	8	13.4	5.8	75/63	26.4	22.0	29.8	1.2	22.0
				80/67	28.2	22.5	31.6	1.2	23.4
				85/71	30.1	23.1	33.5	1.2	24.8
80	3	2.4	1.0	75/63	23.7	20.8	28.2	1.6	14.6
				80/67	23.3	20.9	28.4	1.6	14.4
				85/71	24.4	21.5	29.8	1.6	14.8
	4.5	4.8	2.1	75/63	24.5	21.1	28.6	1.5	16.5
				80/67	26.1	21.7	30.3	1.5	17.3
				85/71	27.7	22.5	32.0	1.5	18.1
	6	7.9	3.4	75/63	24.9	21.3	28.8	1.4	17.6
				80/67	26.5	22.1	30.5	1.4	18.5
				85/71	28.4	22.5	32.5	1.4	19.6
	8	12.9	5.6	75/63	25.2	21.6	29.0	1.4	18.4
				80/67	27.0	22.1	30.9	1.4	19.6
				85/71	28.8	22.6	32.7	1.4	20.8

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	3	2.3	1.0	75/63	23.4	18.5	28.1	1.8	12.7
				80/67	22.6	20.7	28.2	1.8	12.3
				85/71	23.7	21.3	29.6	1.9	12.7
	4.5	4.6	2.0	75/63	24.1	18.8	28.4	1.7	14.3
				80/67	23.1	20.9	28.3	1.7	13.8
				85/71	24.2	21.5	29.7	1.7	14.3
	6	7.6	3.3	75/63	22.3	20.4	27.0	1.6	14.0
				80/67	23.4	21.0	28.4	1.6	14.6
				85/71	24.5	21.6	29.8	1.6	15.2
	8	12.5	5.4	75/63	22.5	20.5	27.1	1.5	14.6
				80/67	23.6	21.1	28.5	1.5	15.3
				85/71	24.8	21.6	29.9	1.6	15.9
100	3	2.2	1.0	75/63	20.7	19.7	26.5	2.0	10.1
				80/67	21.8	20.4	27.9	2.1	10.5
				85/71	22.9	21.0	29.4	2.1	11.0
	4.5	4.5	1.9	75/63	21.2	20.0	26.7	1.9	11.3
				80/67	22.3	20.6	28.1	1.9	11.7
				85/71	23.5	21.2	29.5	1.9	12.3
	6	7.4	3.2	75/63	21.5	20.1	26.8	1.8	11.9
				80/67	25.1	18.4	29.7	1.8	13.6
				85/71	23.7	21.3	29.6	1.8	12.9
	8	12.2	5.3	75/63	21.7	20.2	26.9	1.7	12.4
				80/67	22.8	20.8	28.2	1.8	13.0
				85/71	24.0	21.4	29.6	1.8	13.6
110	3	2.2	0.9	75/63	19.9	19.4	26.4	2.3	8.6
				80/67	21.0	20.1	27.8	2.3	9.0
				85/71	22.1	20.7	29.2	2.4	9.3
	4.5	4.3	1.9	75/63	20.4	19.6	26.5	2.1	9.5
				80/67	21.5	20.3	27.9	2.1	10.0
				85/71	22.7	20.9	29.3	2.2	10.5
	6	7.2	3.1	75/63	20.6	19.7	26.5	2.1	10.1
				80/67	21.8	20.4	27.9	2.1	10.6
				85/71	25.5	18.0	30.9	2.1	12.2
	8	11.8	5.1	75/63	20.9	19.8	26.6	2.0	10.5
				80/67	22.1	20.5	28.0	2.0	11.0
				85/71	23.2	21.1	29.4	2.0	11.6

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA024 WITH CAA**2414AM* COOLING PERFORMANCE - PART LOAD @ 840 CFM									
50	3	2.7	1.2	75/63	20.1	17.1	21.7	0.7	30.3
				80/67	22.5	15.5	23.9	0.7	34.3
				85/71	24.4	13.9	25.5	0.6	37.6
	4.5	5.4	2.3	75/63	20.5	17.3	22.0	0.6	34.6
				80/67	21.0	17.6	22.8	0.6	36.4
				85/71	22.0	18.1	23.9	0.6	39.1
	6	8.8	3.8	75/63	20.7	17.5	22.2	0.6	37.3
				80/67	21.3	17.7	23.0	0.5	39.5
				85/71	25.1	16.2	26.1	0.5	48.7
	8	14.5	6.3	75/63	20.9	17.6	22.4	0.5	39.7
				80/67	23.7	16.6	24.8	0.5	47.3
				85/71	22.6	18.3	24.3	0.5	46.1
60	3	2.6	1.1	75/63	19.1	16.7	21.1	0.8	24.5
				80/67	18.8	16.8	21.2	0.8	24.3
				85/71	19.7	17.3	22.3	0.8	25.7
	4.5	5.2	2.2	75/63	19.7	16.9	21.5	0.7	27.7
				80/67	19.5	17.1	21.7	0.7	27.9
				85/71	24.1	13.9	25.3	0.7	35.3
	6	8.5	3.7	75/63	20.0	17.0	21.7	0.7	29.7
				80/67	19.9	17.2	22.0	0.7	30.1
				85/71	20.8	17.7	23.1	0.6	32.2
	8	13.9	6.0	75/63	20.2	17.2	21.9	0.6	31.3
				80/67	22.8	15.7	24.1	0.6	36.6
				85/71	21.1	17.8	23.3	0.6	34.4
70	3	2.5	1.1	75/63	17.9	16.4	20.3	0.9	19.7
				80/67	21.2	11.3	22.8	0.9	23.4
				85/71	22.7	10.2	24.1	0.9	25.1
	4.5	5.0	2.1	75/63	18.4	16.6	20.6	0.8	22.0
				80/67	18.5	16.7	21.1	0.8	22.4
				85/71	19.5	17.2	22.2	0.8	23.8
	6	8.1	3.5	75/63	18.7	16.7	20.8	0.8	23.4
				80/67	18.7	16.8	21.2	0.8	23.7
				85/71	19.7	17.3	22.3	0.8	25.3
	8	13.4	5.8	75/63	19.2	16.7	21.2	0.8	25.0
				80/67	18.9	16.8	21.3	0.8	24.8
				85/71	19.8	17.3	22.4	0.7	26.6
80	3	2.4	1.0	75/63	16.9	15.9	19.6	1.1	16.0
				80/67	20.1	11.3	22.0	1.0	19.1
				85/71	21.6	9.5	23.3	1.0	20.6
	4.5	4.8	2.1	75/63	17.2	16.1	19.8	1.0	17.7
				80/67	20.8	11.3	22.5	1.0	21.6
				85/71	22.3	10.3	23.8	1.0	23.4
	6	7.9	3.4	75/63	17.9	16.2	20.3	0.9	19.1
				80/67	21.1	11.4	22.7	0.9	23.0
				85/71	22.6	10.4	24.1	0.9	25.0
	8	12.9	5.6	75/63	18.0	16.4	20.3	0.9	19.8
				80/67	18.2	16.6	20.9	0.9	20.3
				85/71	22.9	10.5	24.3	0.9	26.4

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	3	2.3	1.0	75/63	15.2	14.3	18.5	1.2	12.6
				80/67	19.0	10.6	21.3	1.2	15.8
				85/71	20.3	9.5	22.5	1.2	17.0
	4.5	4.6	2.0	75/63	16.4	15.8	19.3	1.1	14.6
				80/67	19.5	11.4	21.6	1.1	17.5
				85/71	21.0	9.7	23.0	1.1	19.1
	6	7.6	3.3	75/63	15.7	14.8	18.8	1.1	14.4
				80/67	19.9	11.4	21.9	1.1	18.7
				85/71	21.5	9.7	23.2	1.1	20.4
	8	12.5	5.4	75/63	17.1	15.9	19.8	1.1	16.2
				80/67	20.1	11.4	22.1	1.0	19.5
				85/71	21.6	10.5	23.4	1.0	21.3
100	3	2.2	1.0	75/63	13.7	13.7	17.6	1.4	9.9
				80/67	17.7	10.8	20.6	1.4	13.0
				85/71	19.1	9.9	21.8	1.4	13.9
	4.5	4.5	1.9	75/63	16.8	12.1	19.6	1.3	13.1
				80/67	18.4	10.8	20.9	1.3	14.4
				85/71	19.8	9.8	22.2	1.3	15.6
	6	7.4	3.2	75/63	17.1	12.2	19.7	1.2	13.8
				80/67	18.7	10.9	21.1	1.2	15.2
				85/71	20.1	9.9	22.4	1.2	16.5
	8	12.2	5.3	75/63	17.4	12.2	19.9	1.2	14.4
				80/67	18.9	10.9	21.2	1.2	15.8
				85/71	20.5	9.8	22.6	1.2	17.3
110	3	2.2	0.9	75/63	13.1	13.1	17.4	1.6	8.3
				80/67	16.5	11.1	19.8	1.6	10.6
				85/71	17.8	10.2	21.1	1.6	11.5
	4.5	4.3	1.9	75/63	15.6	11.9	18.8	1.5	10.6
				80/67	17.1	11.1	20.2	1.5	11.7
				85/71	18.5	10.1	21.4	1.5	12.7
	6	7.2	3.1	75/63	15.9	11.9	19.0	1.4	11.2
				80/67	17.4	11.0	20.3	1.4	12.3
				85/71	18.8	10.0	21.6	1.4	13.4
	8	11.8	5.1	75/63	16.1	11.8	19.1	1.4	11.6
				80/67	17.6	11.1	20.5	1.4	12.8
				85/71	19.1	10.1	21.7	1.4	14.0

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA024 WITH FE5***C36L* / FT5***C36L* COOLING PERFORMANCE - FULL LOAD @ 1050 CFM									
50	3	2.5	1.1	75/63	29.0	23.7	31.4	0.9	30.7
				80/67	31.4	22.8	33.6	1.0	32.4
				85/71	29.7	26.0	33.1	1.0	31.3
	4.5	5.3	2.3	75/63	29.3	25.5	31.6	0.8	35.2
				80/67	30.7	26.2	33.3	0.8	36.8
				85/71	30.7	26.3	33.9	0.8	37.0
	6	8.8	3.8	75/63	30.0	25.6	32.1	0.8	38.7
				80/67	31.5	26.5	33.8	0.8	40.6
				85/71	34.1	26.9	36.3	0.8	44.2
	8	14.3	6.2	75/63	30.6	25.3	32.6	0.7	41.8
				80/67	32.5	26.4	34.5	0.7	44.5
				85/71	35.8	24.9	37.5	0.7	49.8
60	3	2.5	1.1	75/63	26.7	24.5	29.7	1.1	25.2
				80/67	27.7	25.1	31.1	1.1	25.9
				85/71	32.5	21.4	34.9	1.1	29.1
	4.5	5.1	2.2	75/63	27.5	24.8	30.3	1.0	28.9
				80/67	29.4	25.6	32.2	1.0	30.5
				85/71	29.8	26.0	33.2	1.0	31.0
	6	8.3	3.6	75/63	28.5	25.2	31.0	0.9	31.6
				80/67	30.2	26.0	32.9	0.9	33.4
				85/71	30.3	26.2	33.6	0.9	33.7
	8	13.6	5.9	75/63	29.4	24.8	31.7	0.9	34.2
				80/67	32.0	24.3	34.1	0.9	37.0
				85/71	31.6	26.6	34.5	0.9	36.9
70	3	2.5	1.1	75/63	25.5	24.0	28.9	1.2	21.4
				80/67	26.5	24.6	30.2	1.2	22.0
				85/71	27.9	25.3	31.9	1.2	22.7
	4.5	4.8	2.1	75/63	26.3	24.3	29.4	1.1	24.3
				80/67	27.7	25.0	31.1	1.1	25.4
				85/71	28.6	25.6	32.3	1.1	26.0
	6	8.1	3.5	75/63	26.7	24.5	29.7	1.0	26.0
				80/67	28.1	25.2	31.4	1.0	27.2
				85/71	29.3	25.8	32.8	1.0	28.3
	8	13.1	5.7	75/63	27.8	24.9	30.5	1.0	28.1
				80/67	28.6	25.4	31.7	1.0	28.9
				85/71	29.6	25.9	33.1	1.0	30.0
80	3	2.3	1.0	75/63	24.6	23.6	28.3	1.3	18.3
				80/67	25.7	24.3	29.7	1.4	18.8
				85/71	27.0	25.0	31.3	1.4	19.5
	4.5	4.6	2.0	75/63	25.3	23.9	28.7	1.2	20.6
				80/67	28.5	22.4	31.5	1.3	22.6
				85/71	27.7	25.3	31.7	1.3	22.2
	6	7.6	3.3	75/63	25.7	24.1	29.0	1.2	22.0
				80/67	27.1	24.8	30.7	1.2	23.1
				85/71	28.2	25.4	32.1	1.2	23.8
	8	12.7	5.5	75/63	26.0	24.2	29.2	1.1	23.1
				80/67	27.4	24.9	30.9	1.1	24.3
				85/71	28.4	25.5	32.2	1.1	25.1

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	3	2.3	1.0	75/63	23.6	23.0	27.7	1.5	15.6
				80/67	24.9	24.0	29.2	1.5	16.2
				85/71	26.4	24.9	30.9	1.6	17.0
	4.5	4.6	2.0	75/63	24.6	23.4	28.3	1.4	17.7
				80/67	26.1	24.4	29.9	1.4	18.5
				85/71	26.8	25.0	31.1	1.4	18.9
	6	7.4	3.2	75/63	25.0	23.6	28.6	1.3	18.8
				80/67	27.6	22.5	30.9	1.3	20.4
				85/71	27.2	25.1	31.5	1.3	20.2
	8	12.2	5.3	75/63	25.3	23.9	28.7	1.3	19.7
				80/67	26.1	24.4	30.0	1.3	20.3
				85/71	30.5	21.8	33.5	1.3	23.4
100	3	2.1	0.9	75/63	22.6	22.5	27.2	1.7	13.3
				80/67	24.1	23.2	28.7	1.7	14.0
				85/71	26.2	22.7	30.8	1.8	14.9
	4.5	4.4	1.9	75/63	23.3	22.8	27.5	1.6	14.9
				80/67	24.5	23.9	29.0	1.6	15.5
				85/71	25.9	24.7	30.6	1.6	16.3
	6	7.2	3.1	75/63	23.7	23.0	27.8	1.5	15.8
				80/67	24.8	24.0	29.2	1.5	16.4
				85/71	26.3	24.8	30.9	1.5	17.3
	8	12.0	5.2	75/63	24.2	22.9	28.1	1.5	16.7
				80/67	25.8	23.9	29.8	1.5	17.6
				85/71	26.6	24.9	31.0	1.5	18.2
110	3	2.1	0.9	75/63	21.8	21.8	27.0	1.9	11.4
				80/67	22.9	22.9	28.2	1.9	11.8
				85/71	24.2	23.9	29.7	2.0	12.4
	4.5	4.4	1.9	75/63	22.3	22.3	27.1	1.8	12.6
				80/67	23.7	23.2	28.6	1.8	13.3
				85/71	25.2	24.2	30.2	1.8	14.0
	6	7.2	3.1	75/63	22.6	22.5	27.2	1.7	13.3
				80/67	24.1	23.4	28.8	1.7	14.1
				85/71	25.3	24.5	30.3	1.7	14.8
	8	11.8	5.1	75/63	22.9	22.6	27.3	1.7	13.8
				80/67	24.5	23.4	29.0	1.7	14.8
				85/71	25.6	24.6	30.4	1.7	15.5

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA024 WITH FE5***C36L* / FT5***C36L* COOLING PERFORMANCE - PART LOAD @ 840 CFM									
50	3	2.5	1.1	75/63	21.6	19.2	23.0	0.5	39.5
				80/67	22.9	19.7	24.3	0.5	42.3
				85/71	24.3	20.2	25.7	0.5	45.3
	4.5	5.3	2.3	75/63	22.3	19.5	23.5	0.5	46.0
				80/67	23.6	20.0	24.8	0.5	49.9
				85/71	25.0	20.5	26.3	0.5	54.1
	6	8.8	3.8	75/63	22.6	19.7	23.7	0.5	49.9
				80/67	24.0	20.1	25.1	0.4	54.7
				85/71	25.5	20.6	26.6	0.4	60.0
	8	14.3	6.2	75/63	22.9	19.8	24.0	0.4	53.4
				80/67	24.4	20.1	25.5	0.4	59.4
				85/71	25.7	20.9	26.8	0.4	65.0
60	3	2.5	1.1	75/63	20.6	18.8	22.2	0.6	31.8
				80/67	21.8	19.4	23.4	0.6	33.9
				85/71	23.1	19.9	24.8	0.6	36.2
	4.5	5.1	2.2	75/63	21.1	19.2	22.6	0.6	36.2
				80/67	22.4	19.8	23.9	0.6	39.1
				85/71	24.0	20.1	25.4	0.6	42.4
	6	8.3	3.6	75/63	21.5	19.3	22.9	0.6	39.0
				80/67	22.9	19.7	24.3	0.5	42.6
				85/71	24.4	20.2	25.7	0.5	46.3
	8	13.6	5.9	75/63	21.8	19.3	23.1	0.5	41.6
				80/67	23.2	19.8	24.5	0.5	45.4
				85/71	24.7	20.4	26.0	0.5	49.6
70	3	2.5	1.1	75/63	19.4	18.5	21.3	0.8	25.8
				80/67	20.7	19.1	22.6	0.8	27.5
				85/71	22.1	19.4	24.0	0.8	29.4
	4.5	4.8	2.1	75/63	20.2	18.7	21.9	0.7	29.3
				80/67	21.4	19.2	23.2	0.7	31.5
				85/71	22.8	19.7	24.5	0.7	33.8
	6	8.1	3.5	75/63	20.5	18.8	22.1	0.7	31.3
				80/67	21.8	19.3	23.4	0.6	33.8
				85/71	23.2	19.9	24.8	0.6	36.4
	8	13.1	5.7	75/63	20.7	18.9	22.3	0.6	32.9
				80/67	22.1	19.4	23.6	0.6	35.7
				85/71	23.4	20.1	25.0	0.6	38.6
80	3	2.3	1.0	75/63	18.4	18.1	20.5	0.9	21.1
				80/67	19.7	18.5	21.9	0.9	22.6
				85/71	20.7	19.4	23.0	0.9	23.8
	4.5	4.6	2.0	75/63	19.1	18.2	21.0	0.8	23.8
				80/67	20.3	18.8	22.3	0.8	25.5
				85/71	21.5	19.5	23.6	0.8	27.2
	6	7.6	3.3	75/63	19.4	18.4	21.2	0.8	25.2
				80/67	20.8	18.7	22.7	0.8	27.3
				85/71	22.1	19.4	24.0	0.8	29.3
	8	12.7	5.5	75/63	19.5	18.6	21.4	0.7	26.3
				80/67	21.0	19.0	22.8	0.7	28.6
				85/71	22.3	19.6	24.2	0.7	30.9

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	3	2.3	1.0	75/63	17.4	17.4	19.9	1.0	17.4
				80/67	18.6	18.1	21.1	1.0	18.6
				85/71	20.2	17.7	22.6	1.0	20.1
	4.5	4.6	2.0	75/63	18.0	17.7	20.2	0.9	19.3
				80/67	19.1	18.6	21.5	0.9	20.6
				85/71	20.5	18.9	22.9	0.9	22.3
	6	7.4	3.2	75/63	18.2	18.0	20.4	0.9	20.3
				80/67	19.6	18.5	21.8	0.9	22.0
				85/71	20.6	19.4	22.9	0.9	23.4
	8	12.2	5.3	75/63	18.6	17.8	20.7	0.9	21.4
				80/67	19.8	18.6	21.9	0.9	23.1
				85/71	21.1	19.1	23.3	0.8	24.9
100	3	2.1	0.9	75/63	16.6	16.6	19.4	1.1	14.5
				80/67	17.5	17.5	20.4	1.1	15.3
				85/71	18.6	18.4	21.5	1.1	16.2
	4.5	4.4	1.9	75/63	17.0	17.0	19.6	1.1	15.9
				80/67	18.1	18.1	20.7	1.1	16.9
				85/71	19.6	17.9	22.2	1.1	18.4
	6	7.2	3.1	75/63	17.2	17.2	19.8	1.0	16.7
				80/67	18.4	18.1	21.0	1.0	17.9
				85/71	19.9	18.0	22.4	1.0	19.5
	8	12.0	5.2	75/63	17.4	17.4	19.9	1.0	17.3
				80/67	18.7	18.1	21.1	1.0	18.7
				85/71	19.8	19.0	22.4	1.0	20.0
110	3	2.1	0.9	75/63	14.9	14.9	18.2	1.3	11.4
				80/67	15.8	15.8	19.3	1.3	12.1
				85/71	17.6	17.6	20.9	1.3	13.5
	4.5	4.4	1.9	75/63	16.1	16.1	19.2	1.2	13.2
				80/67	17.1	17.1	20.1	1.2	14.0
				85/71	18.2	18.1	21.2	1.2	14.9
	6	7.2	3.1	75/63	16.3	16.3	19.2	1.2	13.7
				80/67	17.3	17.3	20.3	1.2	14.6
				85/71	18.6	18.0	21.5	1.2	15.8
	8	11.8	5.1	75/63	16.5	16.5	19.3	1.2	14.2
				80/67	17.5	17.5	20.3	1.2	15.2
				85/71	18.6	18.6	21.5	1.1	16.2

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA036 WITH CAA**3617AM* COOLING PERFORMANCE - PART LOAD @ 1050 CFM									
50	4.5	2.3	1.0	75/63	38.6	29.1	43.5	1.7	22.8
				80/67	41.1	29.7	46.2	1.7	23.8
				85/71	43.8	30.2	49.0	1.8	24.9
	6.8	4.6	2.0	75/63	39.5	29.6	44.1	1.5	25.5
				80/67	42.2	30.1	46.9	1.6	26.8
				85/71	45.0	30.9	49.9	1.6	28.2
	9	7.5	3.2	75/63	40.0	29.9	44.4	1.5	27.1
				80/67	43.0	30.4	47.5	1.5	28.6
				85/71	45.9	31.0	50.5	1.5	30.2
	12	12.2	5.3	75/63	40.6	30.0	44.8	1.4	28.5
				80/67	43.4	30.7	47.7	1.4	30.1
				85/71	46.4	31.2	50.8	1.5	31.9
60	4.5	2.2	0.9	75/63	37.1	28.4	42.6	1.9	19.7
				80/67	39.5	29.1	45.2	1.9	20.5
				85/71	42.1	29.7	47.9	2.0	21.5
	6.8	4.4	1.9	75/63	38.2	28.9	43.4	1.7	22.0
				80/67	40.8	29.6	46.0	1.8	23.1
				85/71	43.6	30.1	48.9	1.8	24.4
	9	7.1	3.1	75/63	38.7	29.2	43.6	1.7	23.2
				80/67	41.4	29.9	46.4	1.7	24.5
				85/71	44.2	30.3	49.3	1.7	26.0
	12	11.7	5.1	75/63	39.1	29.4	43.9	1.6	24.2
				80/67	41.8	30.0	46.7	1.6	25.7
				85/71	44.7	30.7	49.6	1.6	27.3
70	4.5	2.1	0.9	75/63	35.6	27.9	41.8	2.1	16.9
				80/67	37.9	28.7	44.2	2.1	17.7
				85/71	40.6	28.9	47.1	2.2	18.7
	6.8	4.2	1.8	75/63	36.7	28.4	42.4	1.9	18.8
				80/67	39.2	29.0	45.0	2.0	19.9
				85/71	41.8	29.6	47.8	2.0	21.0
	9	6.9	3.0	75/63	37.2	28.5	42.7	1.9	19.9
				80/67	39.7	29.2	45.4	1.9	21.0
				85/71	42.7	29.6	48.3	1.9	22.4
	12	11.3	4.9	75/63	37.6	28.7	42.9	1.8	20.7
				80/67	40.4	29.3	45.8	1.8	22.1
				85/71	43.1	30.1	48.6	1.8	23.5
80	4.5	2.0	0.9	75/63	34.1	27.2	41.0	2.4	14.5
				80/67	36.3	28.0	43.4	2.4	15.2
				85/71	38.8	28.6	46.1	2.4	16.0
	6.8	4.0	1.7	75/63	35.2	27.6	41.6	2.2	16.2
				80/67	37.5	28.3	44.1	2.2	17.0
				85/71	40.1	28.9	46.8	2.2	18.1
	9	6.6	2.9	75/63	35.7	27.9	41.8	2.1	17.0
				80/67	38.3	28.5	44.5	2.1	18.1
				85/71	40.9	29.2	47.2	2.1	19.3
	12	10.9	4.7	75/63	36.0	28.1	42.0	2.0	17.7
				80/67	38.7	28.8	44.7	2.1	18.9
				85/71	41.4	29.3	47.5	2.1	20.1

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	4.5	1.9	0.8	75/63	32.5	26.6	40.2	2.6	12.3
				80/67	34.9	27.1	42.8	2.7	13.0
				85/71	37.2	27.8	45.3	2.7	13.7
	6.8	3.9	1.7	75/63	33.6	27.0	40.8	2.4	13.8
				80/67	35.9	27.7	43.2	2.5	14.5
				85/71	38.6	28.0	45.9	2.5	15.5
	9	6.4	2.8	75/63	34.1	27.2	41.0	2.4	14.5
				80/67	36.6	27.8	43.6	2.4	15.4
				85/71	39.1	28.5	46.2	2.4	16.4
	12	10.6	4.6	75/63	34.6	27.2	41.3	2.3	15.1
				80/67	37.0	28.0	43.8	2.3	16.1
				85/71	39.6	28.6	46.5	2.3	17.2
100	4.5	1.9	0.8	75/63	31.0	25.9	39.7	3.0	10.5
				80/67	33.2	26.7	42.1	3.0	11.1
				85/71	35.4	27.5	44.4	3.0	11.7
	6.8	3.8	1.6	75/63	32.0	26.4	40.1	2.8	11.6
				80/67	34.2	27.2	42.4	2.8	12.3
				85/71	36.7	27.8	45.0	2.8	13.1
	9	6.2	2.7	75/63	32.5	26.5	40.2	2.7	12.2
				80/67	34.9	27.3	42.7	2.7	13.0
				85/71	37.3	27.8	45.3	2.7	13.9
	12	10.2	4.4	75/63	33.0	26.5	40.5	2.6	12.8
				80/67	35.2	27.4	42.9	2.6	13.6
				85/71	37.8	28.0	45.5	2.6	14.5
110	4.5	1.8	0.8	75/63	29.3	25.3	39.1	3.3	8.8
				80/67	31.6	25.9	41.6	3.4	9.4
				85/71	33.7	26.7	43.9	3.4	9.9
	6.8	3.7	1.6	75/63	30.4	25.7	39.5	3.1	9.8
				80/67	32.7	26.3	42.0	3.1	10.5
				85/71	35.0	27.1	44.3	3.1	11.1
	9	6.0	2.6	75/63	30.9	25.9	39.6	3.0	10.3
				80/67	33.2	26.5	42.1	3.0	11.0
				85/71	35.5	27.3	44.5	3.0	11.8
	12	10.0	4.3	75/63	31.2	26.0	39.7	2.9	10.7
				80/67	33.6	26.7	42.2	2.9	11.5
				85/71	35.9	27.5	44.6	2.9	12.3

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA036 WITH CAA**3617AM* COOLING PERFORMANCE - PART LOAD @ 840 CFM									
50	4.5	2.3	1.0	75/63	29.4	23.8	32.2	1.0	28.7
				80/67	31.1	24.7	34.0	1.0	30.7
				85/71	34.5	23.4	37.0	1.0	34.3
	6.8	4.6	2.0	75/63	29.9	24.3	32.6	0.9	32.3
				80/67	32.7	24.2	35.2	0.9	36.2
				85/71	35.2	24.1	37.6	0.9	39.9
	9	7.5	3.2	75/63	30.6	24.4	33.1	0.9	34.9
				80/67	31.9	25.0	34.5	0.8	37.6
				85/71	33.7	25.6	36.4	0.8	41.0
	12	12.2	5.3	75/63	30.9	24.5	33.3	0.8	36.8
				80/67	32.1	25.1	34.7	0.8	39.8
				85/71	34.0	25.7	36.6	0.8	43.7
60	4.5	2.2	0.9	75/63	27.8	23.4	31.2	1.2	23.2
				80/67	29.9	23.9	33.3	1.2	25.1
				85/71	33.6	21.6	36.4	1.2	28.1
	6.8	4.4	1.9	75/63	28.8	23.6	31.9	1.1	26.2
				80/67	30.6	24.5	33.7	1.1	28.2
				85/71	34.0	23.1	36.7	1.1	31.8
	9	7.1	3.1	75/63	29.2	23.8	32.1	1.1	27.8
				80/67	31.0	24.6	33.9	1.0	30.1
				85/71	34.4	23.4	37.0	1.0	34.2
	12	11.7	5.1	75/63	29.4	23.9	32.3	1.0	29.0
				80/67	31.6	24.5	34.4	1.0	32.0
				85/71	34.8	23.5	37.2	1.0	36.2
70	4.5	2.1	0.9	75/63	26.7	22.8	30.6	1.4	19.2
				80/67	28.4	23.6	32.3	1.4	20.5
				85/71	28.3	23.7	32.8	1.4	20.5
	6.8	4.2	1.8	75/63	27.4	23.0	30.9	1.3	21.3
				80/67	29.4	23.7	33.0	1.3	23.1
				85/71	29.5	24.1	33.7	1.3	23.4
	9	6.9	3.0	75/63	27.6	23.3	31.1	1.2	22.3
				80/67	29.8	23.8	33.2	1.2	24.5
				85/71	29.8	24.2	33.8	1.2	24.8
	12	11.3	4.9	75/63	27.8	23.4	31.2	1.2	23.3
				80/67	30.0	23.9	33.4	1.2	25.6
				85/71	30.7	24.5	34.4	1.2	26.5
80	4.5	2.0	0.9	75/63	25.3	22.2	29.8	1.6	15.8
				80/67	27.2	22.8	31.7	1.6	17.0
				85/71	31.6	17.0	35.1	1.6	19.6
	6.8	4.0	1.7	75/63	25.8	22.6	30.0	1.5	17.3
				80/67	27.9	23.1	32.1	1.5	18.8
				85/71	31.9	19.5	35.4	1.5	21.6
	9	6.6	2.9	75/63	26.4	22.6	30.4	1.4	18.4
				80/67	28.3	23.3	32.3	1.4	19.9
				85/71	28.1	23.6	32.8	1.4	19.9
	12	10.9	4.7	75/63	26.7	22.7	30.6	1.4	19.1
				80/67	28.4	23.6	32.4	1.4	20.6
				85/71	28.4	23.7	32.9	1.4	20.8

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	4.5	1.9	0.8	75/63	24.2	21.4	29.2	1.8	13.2
				80/67	25.0	22.3	30.4	1.8	13.6
				85/71	30.4	12.7	34.1	1.8	16.6
	6.8	3.9	1.7	75/63	24.3	21.9	29.2	1.7	14.1
				80/67	26.7	22.3	31.5	1.7	15.6
				85/71	30.9	16.3	34.6	1.7	18.1
	9	6.4	2.8	75/63	25.0	22.0	29.6	1.7	15.0
				80/67	26.6	23.0	31.3	1.7	16.1
				85/71	31.2	17.5	34.9	1.6	19.0
	12	10.6	4.6	75/63	25.2	22.1	29.7	1.6	15.5
				80/67	27.2	22.8	31.7	1.6	16.9
				85/71	31.3	18.3	35.0	1.6	19.7
100	4.5	1.9	0.8	75/63	22.4	18.6	28.3	2.1	10.7
				80/67	22.9	20.3	29.3	2.1	10.9
				85/71	28.9	11.4	33.1	2.1	13.9
	6.8	3.8	1.6	75/63	22.9	19.0	28.5	2.0	11.5
				80/67	24.0	20.3	29.8	2.0	12.1
				85/71	29.7	12.2	33.6	2.0	15.2
	9	6.2	2.7	75/63	23.5	21.5	28.8	1.9	12.3
				80/67	24.6	22.2	30.2	1.9	12.9
				85/71	30.0	12.8	33.9	1.9	15.9
	12	10.2	4.4	75/63	24.0	21.3	29.1	1.9	12.8
				80/67	24.4	20.7	30.0	1.9	13.1
				85/71	29.9	11.7	33.7	1.9	15.5
110	4.5	1.8	0.8	75/63	23.3	13.9	28.8	2.4	9.9
				80/67	25.3	12.7	30.6	2.4	10.7
				85/71	27.3	11.2	32.3	2.4	11.5
	6.8	3.7	1.6	75/63	20.7	18.6	27.4	2.3	9.0
				80/67	26.0	12.8	30.9	2.2	11.6
				85/71	28.0	11.5	32.7	2.2	12.6
	9	6.0	2.6	75/63	20.8	18.9	27.4	2.2	9.4
				80/67	22.2	20.0	28.9	2.2	10.0
				85/71	28.4	11.4	32.9	2.2	13.1
	12	10.0	4.3	75/63	21.4	18.9	27.7	2.2	9.9
				80/67	22.4	20.1	29.0	2.2	10.4
				85/71	28.2	11.1	32.8	2.2	12.9

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA036 WITH FE5***C36L* / FT5***C36L* COOLING PERFORMANCE - PART LOAD @ 1050 CFM									
50	4.5	2.3	1.0	75/63	38.9	30.8	43.1	1.5	26.8
				80/67	41.4	31.5	45.8	1.5	27.9
				85/71	44.3	32.2	48.8	1.5	29.4
	6.8	4.5	2.0	75/63	40.2	31.0	44.0	1.3	30.2
				80/67	42.8	32.0	46.8	1.4	31.6
				85/71	45.9	32.6	50.0	1.4	33.4
	9	7.4	3.2	75/63	40.7	31.5	44.4	1.3	32.0
				80/67	43.7	32.0	47.5	1.3	33.8
				85/71	46.6	33.0	50.5	1.3	35.8
	12	12.2	5.3	75/63	41.1	31.7	44.7	1.2	33.6
				80/67	44.1	32.5	47.8	1.2	35.6
				85/71	47.1	33.3	50.8	1.2	37.8
60	4.5	2.2	0.9	75/63	37.4	30.1	42.1	1.6	23.1
				80/67	40.1	30.5	44.9	1.7	24.3
				85/71	42.9	31.3	47.8	1.7	25.6
	6.8	4.3	1.9	75/63	38.7	30.4	42.9	1.5	25.9
				80/67	41.2	31.2	45.6	1.5	27.2
				85/71	44.1	32.0	48.7	1.5	28.8
	9	7.1	3.1	75/63	39.1	30.8	43.3	1.4	27.3
				80/67	41.7	31.8	46.0	1.4	28.8
				85/71	45.1	32.2	49.4	1.5	30.8
	12	11.7	5.1	75/63	39.5	31.0	43.5	1.4	28.6
				80/67	42.4	31.9	46.5	1.4	30.3
				85/71	45.6	32.5	49.8	1.4	32.4
70	4.5	2.1	0.9	75/63	35.9	29.4	41.1	1.8	19.9
				80/67	38.4	30.2	43.7	1.8	20.9
				85/71	41.2	30.8	46.6	1.9	22.1
	6.8	4.2	1.8	75/63	37.0	29.9	41.8	1.7	22.2
				80/67	39.5	30.7	44.4	1.7	23.3
				85/71	42.3	31.5	47.4	1.7	24.8
	9	6.9	3.0	75/63	37.5	30.1	42.2	1.6	23.4
				80/67	40.3	31.0	45.0	1.6	24.8
				85/71	43.2	31.7	48.0	1.6	26.5
	12	11.3	4.9	75/63	37.9	30.2	42.4	1.6	24.4
				80/67	40.7	31.1	45.3	1.6	26.0
				85/71	43.7	31.9	48.4	1.6	27.8
80	4.5	2.0	0.9	75/63	34.3	28.8	40.1	2.0	17.0
				80/67	36.7	29.6	42.7	2.1	17.9
				85/71	38.1	30.5	44.6	2.1	18.5
	6.8	4.0	1.7	75/63	35.4	29.3	40.8	1.9	19.0
				80/67	37.7	30.3	43.3	1.9	20.0
				85/71	40.9	30.4	46.4	1.9	21.5
	9	6.6	2.9	75/63	35.9	29.5	41.1	1.8	20.0
				80/67	38.6	30.3	43.8	1.8	21.2
				85/71	41.4	31.0	46.8	1.8	22.7
	12	10.9	4.7	75/63	36.6	29.4	41.5	1.7	20.9
				80/67	39.0	30.4	44.1	1.8	22.2
				85/71	41.9	31.2	47.1	1.8	23.8

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	4.5	1.9	0.8	75/63	32.7	28.2	39.2	2.3	14.5
				80/67	34.7	29.2	41.5	2.3	15.1
				85/71	36.4	29.9	43.6	2.3	15.8
	6.8	3.9	1.7	75/63	33.8	28.6	39.8	2.1	16.1
				80/67	35.6	29.6	42.0	2.1	16.9
				85/71	38.6	30.5	45.0	2.1	18.1
	9	6.4	2.8	75/63	34.3	28.7	40.1	2.0	17.0
				80/67	36.8	29.5	42.8	2.0	18.1
				85/71	39.5	30.5	45.5	2.0	19.4
	12	10.6	4.6	75/63	34.6	29.1	40.2	2.0	17.7
				80/67	37.6	29.1	43.2	2.0	19.0
				85/71	40.0	30.8	45.8	2.0	20.3
100	4.5	1.9	0.8	75/63	31.2	27.5	38.5	2.5	12.3
				80/67	33.5	28.3	40.9	2.6	13.1
				85/71	35.9	29.0	43.5	2.6	13.8
	6.8	3.8	1.6	75/63	32.2	27.9	39.0	2.4	13.6
				80/67	34.6	28.7	41.5	2.4	14.5
				85/71	36.8	29.8	43.9	2.4	15.4
	9	6.2	2.7	75/63	32.7	28.1	39.2	2.3	14.4
				80/67	34.7	29.2	41.5	2.3	15.1
				85/71	37.6	29.9	44.4	2.3	16.4
	12	10.3	4.5	75/63	32.9	28.4	39.3	2.2	14.9
				80/67	34.7	29.2	41.4	2.2	15.6
				85/71	38.1	30.1	44.6	2.2	17.2
110	4.5	1.8	0.8	75/63	29.7	27.1	37.9	2.9	10.4
				80/67	31.7	27.9	40.1	2.9	11.0
				85/71	33.3	28.8	42.2	2.9	11.5
	6.8	3.7	1.6	75/63	30.6	27.4	38.2	2.7	11.5
				80/67	32.7	28.3	40.5	2.7	12.2
				85/71	34.2	29.2	42.5	2.7	12.8
	9	6.1	2.6	75/63	31.0	27.5	38.4	2.6	12.1
				80/67	33.4	28.4	40.8	2.6	13.0
				85/71	34.6	29.3	42.7	2.6	13.5
	12	10.0	4.3	75/63	31.3	27.6	38.6	2.5	12.5
				80/67	33.7	28.6	41.0	2.5	13.5
				85/71	35.0	29.4	42.9	2.5	14.0

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA036 WITH FE5***C36L* / FT5***C36L* COOLING PERFORMANCE - PART LOAD @ 840 CFM									
50	4.5	2.3	1.0	75/63	29.2	23.5	31.6	0.9	33.7
				80/67	31.1	24.0	33.5	0.9	36.3
				85/71	33.1	24.4	35.4	0.8	39.0
	6.8	4.5	2.0	75/63	30.0	23.7	32.1	0.8	38.1
				80/67	31.9	24.2	34.0	0.8	41.5
				85/71	33.9	24.7	36.0	0.8	45.1
	9	7.4	3.2	75/63	30.3	24.0	32.4	0.7	40.6
				80/67	32.3	24.4	34.3	0.7	44.6
				85/71	34.3	24.9	36.3	0.7	49.0
	12	12.2	5.3	75/63	30.6	24.1	32.6	0.7	42.7
				80/67	32.6	24.6	34.5	0.7	47.3
				85/71	34.6	25.0	36.5	0.7	52.3
60	4.5	2.2	0.9	75/63	27.9	22.9	30.7	1.0	27.5
				80/67	29.8	23.4	32.5	1.0	29.5
				85/71	31.6	23.9	34.4	1.0	31.5
	6.8	4.3	1.9	75/63	28.7	23.2	31.3	0.9	30.9
				80/67	30.6	23.7	33.1	0.9	33.4
				85/71	32.6	24.2	35.1	0.9	36.0
	9	7.1	3.1	75/63	29.1	23.3	31.5	0.9	32.7
				80/67	31.0	23.9	33.4	0.9	35.6
				85/71	33.0	24.4	35.4	0.9	38.6
	12	11.7	5.1	75/63	29.3	23.4	31.7	0.9	34.2
				80/67	31.3	24.0	33.6	0.8	37.4
				85/71	33.3	24.5	35.6	0.8	40.8
70	4.5	2.1	0.9	75/63	26.7	22.5	29.9	1.2	22.7
				80/67	28.5	22.9	31.7	1.2	24.3
				85/71	30.4	23.4	33.6	1.2	25.9
	6.8	4.2	1.8	75/63	27.4	22.6	30.3	1.1	25.2
				80/67	29.2	23.2	32.2	1.1	27.1
				85/71	31.1	23.7	34.1	1.1	29.1
	9	6.9	3.0	75/63	27.7	22.7	30.5	1.0	26.5
				80/67	29.6	23.3	32.4	1.0	28.7
				85/71	31.5	23.9	34.4	1.0	30.9
	12	11.3	4.9	75/63	28.0	22.9	30.7	1.0	27.6
				80/67	29.8	23.5	32.6	1.0	30.0
				85/71	31.7	24.2	34.5	1.0	32.4
80	4.5	2.0	0.9	75/63	25.4	21.8	29.0	1.4	18.8
				80/67	27.1	22.4	30.8	1.4	20.0
				85/71	28.9	23.0	32.7	1.4	21.4
	6.8	4.0	1.7	75/63	26.0	22.1	29.4	1.3	20.6
				80/67	27.7	22.8	31.2	1.3	22.1
				85/71	29.9	23.0	33.3	1.2	23.9
	9	6.6	2.9	75/63	26.4	22.3	29.7	1.2	21.8
				80/67	28.3	22.8	31.6	1.2	23.5
				85/71	30.2	23.4	33.5	1.2	25.3
	12	10.9	4.7	75/63	26.7	22.3	29.9	1.2	22.6
				80/67	28.5	22.9	31.7	1.2	24.4
				85/71	30.5	23.5	33.7	1.2	26.4

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	4.5	1.9	0.8	75/63	24.1	21.3	28.3	1.6	15.5
				80/67	25.6	22.1	29.9	1.6	16.5
				85/71	27.6	22.5	31.9	1.6	17.7
	6.8	3.9	1.7	75/63	24.8	21.5	28.7	1.5	17.0
				80/67	26.5	22.1	30.4	1.4	18.3
				85/71	28.3	22.7	32.3	1.4	19.6
	9	6.4	2.8	75/63	25.0	21.7	28.8	1.4	17.8
				80/67	26.8	22.3	30.6	1.4	19.2
				85/71	28.7	22.8	32.5	1.4	20.7
	12	10.6	4.6	75/63	25.2	21.8	29.0	1.4	18.4
				80/67	27.1	22.4	30.8	1.4	19.9
				85/71	29.0	23.0	32.7	1.3	21.5
100	4.5	1.9	0.8	75/63	22.7	20.9	27.5	1.8	12.7
				80/67	24.4	21.4	29.3	1.8	13.7
				85/71	26.1	22.0	31.1	1.8	14.7
	6.8	3.8	1.6	75/63	23.4	21.0	27.9	1.7	14.0
				80/67	25.1	21.6	29.6	1.7	15.0
				85/71	26.8	22.2	31.4	1.7	16.1
	9	6.2	2.7	75/63	23.7	21.1	28.0	1.6	14.6
				80/67	25.4	21.7	29.8	1.6	15.7
				85/71	27.1	22.6	31.6	1.6	16.9
	12	10.3	4.5	75/63	23.9	21.2	28.2	1.6	15.1
				80/67	25.7	21.8	30.0	1.6	16.4
				85/71	27.6	22.4	31.9	1.6	17.7
110	4.5	1.8	0.8	75/63	21.3	20.3	26.9	2.0	10.5
				80/67	23.0	20.9	28.6	2.0	11.3
				85/71	24.6	21.5	30.3	2.0	12.1
	6.8	3.7	1.6	75/63	22.0	20.4	27.2	1.9	11.4
				80/67	23.6	21.1	28.9	1.9	12.3
				85/71	25.2	22.0	30.6	1.9	13.2
	9	6.1	2.6	75/63	22.2	20.6	27.3	1.9	11.9
				80/67	23.9	21.4	29.0	1.9	12.8
				85/71	25.7	21.9	30.9	1.8	13.9
	12	10.0	4.3	75/63	22.4	20.6	27.4	1.8	12.3
				80/67	24.1	21.5	29.1	1.8	13.3
				85/71	26.0	22.0	31.0	1.8	14.4

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA048 WITH CAA**4821AM* COOLING PERFORMANCE - FULL LOAD @ 1400 CFM									
50	6	3.2	1.4	75/63	52.9	39.7	58.8	2.0	26.3
				80/67	56.5	40.4	62.6	2.1	27.4
				85/71	60.0	41.3	66.4	2.1	28.5
	9	6.4	2.8	75/63	54.4	40.3	59.7	1.8	30.2
				80/67	58.1	41.2	63.6	1.8	31.6
				85/71	62.0	42.0	67.7	1.9	33.0
	12	10.6	4.6	75/63	55.2	40.7	60.2	1.7	32.7
				80/67	59.0	41.5	64.2	1.7	34.3
				85/71	62.9	42.6	68.3	1.8	35.9
	16	17.5	7.6	75/63	55.7	41.0	60.4	1.6	34.9
				80/67	59.5	42.1	64.5	1.6	36.8
				85/71	64.0	42.6	69.0	1.7	38.6
60	6	3.0	1.3	75/63	51.0	38.8	57.6	2.3	22.5
				80/67	54.3	39.7	61.1	2.3	23.6
				85/71	57.9	40.6	65.0	2.4	24.6
	8	6.2	2.7	75/63	52.3	39.7	58.4	2.1	25.4
				80/67	56.1	40.4	62.3	2.1	26.8
				85/71	59.8	41.2	66.3	2.1	28.1
	12	10.2	4.4	75/63	53.2	39.9	59.0	2.0	27.2
				80/67	57.0	40.8	62.9	2.0	28.8
				85/71	60.9	41.4	67.0	2.0	30.3
	16	16.8	7.3	75/63	53.8	40.1	59.4	1.9	28.7
				80/67	57.7	41.0	63.3	1.9	30.4
				85/71	61.7	41.7	67.5	1.9	32.1
70	6	2.9	1.3	75/63	49.0	38.2	56.4	2.5	19.4
				80/67	52.3	38.9	59.9	2.6	20.4
				85/71	55.7	39.6	63.5	2.6	21.3
	8	5.9	2.6	75/63	50.5	38.6	57.3	2.3	21.8
				80/67	53.9	39.9	60.8	2.3	23.0
				85/71	57.5	40.6	64.7	2.4	24.2
	12	9.8	4.3	75/63	51.2	39.1	57.7	2.2	23.1
				80/67	54.7	40.1	61.4	2.2	24.5
				85/71	58.8	40.6	65.6	2.3	25.9
	16	16.2	7.0	75/63	51.8	39.3	58.1	2.1	24.2
				80/67	55.5	40.3	62.0	2.2	25.8
				85/71	59.5	40.9	66.1	2.2	27.3
80	6	2.8	1.2	75/63	46.8	37.3	55.1	2.8	16.7
				80/67	50.3	37.9	58.7	2.9	17.6
				85/71	53.5	38.7	62.1	2.9	18.4
	8	5.7	2.5	75/63	48.5	37.9	56.1	2.6	18.7
				80/67	51.8	38.8	59.6	2.6	19.8
				85/71	55.4	39.4	63.3	2.7	20.8
	12	9.5	4.1	75/63	49.3	38.1	56.6	2.5	19.8
				80/67	52.6	39.4	60.0	2.5	21.0
				85/71	56.1	40.2	63.8	2.5	22.2
	16	15.7	6.8	75/63	49.8	38.4	56.9	2.4	20.7
				80/67	53.3	39.4	60.5	2.4	22.0
				85/71	56.9	40.5	64.3	2.4	23.3

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	6	2.7	1.2	75/63	44.9	36.3	54.1	3.1	14.3
				80/67	48.0	37.2	57.4	3.2	15.1
				85/71	51.1	38.2	60.8	3.2	15.8
	8	5.6	2.4	75/63	46.4	36.8	54.9	2.9	16.0
				80/67	49.6	38.0	58.2	2.9	16.9
				85/71	53.0	38.6	61.9	3.0	17.9
	12	9.2	4.0	75/63	47.0	37.4	55.2	2.8	16.9
				80/67	50.6	38.1	58.9	2.8	18.0
				85/71	53.9	39.0	62.4	2.8	19.1
	16	15.2	6.6	75/63	47.6	37.5	55.5	2.7	17.6
				80/67	51.1	38.5	59.2	2.7	18.8
				85/71	54.8	39.1	62.9	2.7	20.0
100	6	2.7	1.2	75/63	42.8	35.3	53.1	3.5	12.2
				80/67	45.5	36.6	56.2	3.6	12.8
				85/71	48.6	37.4	59.5	3.6	13.5
	8	5.4	2.3	75/63	44.3	35.8	53.8	3.3	13.6
				80/67	47.4	36.9	57.1	3.3	14.4
				85/71	50.5	37.8	60.4	3.3	15.3
	12	8.9	3.9	75/63	44.9	36.3	54.1	3.1	14.4
				80/67	48.2	37.2	57.5	3.1	15.3
				85/71	51.6	38.0	61.0	3.2	16.3
	16	14.8	6.4	75/63	45.4	36.5	54.4	3.0	15.0
				80/67	48.9	37.3	57.9	3.1	16.0
				85/71	52.2	38.3	61.4	3.1	17.0
110	6	2.6	1.1	75/63	40.4	34.6	52.1	4.0	10.2
				80/67	43.2	35.5	55.1	4.0	10.8
				85/71	46.3	36.1	58.4	4.1	11.4
	8	5.3	2.3	75/63	41.9	35.2	52.8	3.7	11.4
				80/67	44.8	36.1	55.8	3.7	12.1
				85/71	48.1	36.8	59.2	3.7	12.9
	12	8.7	3.8	75/63	42.7	35.3	53.1	3.5	12.1
				80/67	45.6	36.6	56.2	3.6	12.8
				85/71	49.0	37.0	59.7	3.6	13.7
	16	14.4	6.3	75/63	43.3	35.4	53.3	3.4	12.6
				80/67	46.2	36.9	56.5	3.4	13.4
				85/71	49.6	37.6	59.9	3.5	14.4

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA048 WITH CAA**4821AM* COOLING PERFORMANCE - PART LOAD @ 1120 CFM									
50	6	3.2	1.4	75/63	38.3	29.7	42.1	1.4	27.9
				80/67	40.8	30.5	44.8	1.4	29.8
				85/71	43.7	31.2	47.7	1.4	32.0
	9	6.4	2.8	75/63	39.3	30.2	42.8	1.2	31.8
				80/67	42.1	31.0	45.7	1.2	34.4
				85/71	45.2	31.9	48.7	1.2	37.5
	12	10.6	4.6	75/63	39.9	30.5	43.2	1.2	34.3
				80/67	42.9	31.3	46.2	1.1	37.3
				85/71	46.1	31.9	49.4	1.1	41.1
	16	17.5	7.6	75/63	40.4	30.7	43.5	1.1	36.3
				80/67	43.3	31.5	46.5	1.1	39.8
				85/71	46.8	32.2	49.9	1.1	44.4
60	6	3.0	1.3	75/63	36.4	28.9	40.9	1.6	22.7
				80/67	38.9	29.6	43.4	1.6	24.2
				85/71	41.6	30.3	46.2	1.6	25.8
	8	6.2	2.7	75/63	37.5	29.4	41.6	1.5	25.5
				80/67	40.1	30.2	44.3	1.5	27.4
				85/71	43.1	30.9	47.3	1.5	29.7
	12	10.2	4.4	75/63	38.0	29.6	42.0	1.4	27.1
				80/67	40.7	30.4	44.7	1.4	29.3
				85/71	43.7	31.2	47.7	1.4	32.0
	16	16.8	7.3	75/63	38.4	29.8	42.2	1.4	28.5
				80/67	41.2	30.6	45.0	1.3	30.9
				85/71	44.4	31.3	48.2	1.3	34.1
70	6	2.9	1.3	75/63	34.5	28.2	39.7	1.9	18.6
				80/67	36.9	29.0	42.1	1.9	19.9
				85/71	39.4	29.5	44.7	1.9	21.1
	8	5.9	2.6	75/63	35.6	28.5	40.4	1.7	20.7
				80/67	38.1	29.4	42.9	1.7	22.3
				85/71	40.7	30.0	45.6	1.7	23.8
	12	9.8	4.3	75/63	36.1	28.7	40.7	1.6	21.9
				80/67	38.7	29.6	43.3	1.6	23.6
				85/71	41.4	30.4	46.0	1.6	25.5
	16	16.2	7.0	75/63	36.5	28.9	40.9	1.6	22.9
				80/67	39.1	29.7	43.6	1.6	24.8
				85/71	42.0	30.5	46.5	1.6	27.0
80	6	2.8	1.2	75/63	32.7	27.3	38.6	2.1	15.4
				80/67	34.9	28.2	40.9	2.1	16.4
				85/71	37.3	28.9	43.5	2.1	17.4
	8	5.7	2.5	75/63	33.6	27.7	39.1	2.0	17.0
				80/67	36.0	28.5	41.6	2.0	18.2
				85/71	38.5	29.3	44.2	2.0	19.5
	12	9.5	4.1	75/63	34.1	27.9	39.4	1.9	17.9
				80/67	36.6	28.8	41.9	1.9	19.2
				85/71	39.2	29.5	44.6	1.9	20.7
	16	15.7	6.8	75/63	34.4	28.1	39.6	1.9	18.6
				80/67	37.0	28.9	42.2	1.8	20.1
				85/71	39.6	29.6	44.9	1.8	21.6

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	6	2.7	1.2	75/63	30.7	26.5	37.4	2.4	12.7
				80/67	32.9	27.2	39.7	2.4	13.6
				85/71	35.3	28.0	42.2	2.4	14.4
	8	5.6	2.4	75/63	31.6	26.9	37.9	2.3	13.9
				80/67	33.9	27.7	40.3	2.3	14.9
				85/71	36.4	28.4	42.9	2.3	16.0
	12	9.2	4.0	75/63	32.1	27.0	38.2	2.2	14.6
				80/67	34.4	27.9	40.6	2.2	15.7
				85/71	36.9	28.7	43.2	2.2	16.9
	16	15.2	6.6	75/63	32.4	27.3	38.4	2.1	15.1
				80/67	35.0	28.0	41.0	2.1	16.4
				85/71	37.5	28.8	43.6	2.1	17.7
100	6	2.7	1.2	75/63	28.7	25.7	36.3	2.8	10.4
				80/67	30.8	26.6	38.6	2.8	11.1
				85/71	33.1	27.3	41.0	2.8	11.9
	8	5.4	2.3	75/63	29.5	26.2	36.7	2.6	11.3
				80/67	31.8	26.9	39.1	2.6	12.2
				85/71	34.1	27.8	41.5	2.6	13.1
	12	8.9	3.9	75/63	29.9	26.4	37.0	2.5	11.8
				80/67	32.2	27.2	39.3	2.5	12.8
				85/71	34.7	27.9	41.9	2.5	13.8
	16	14.8	6.4	75/63	30.5	26.2	37.3	2.5	12.4
				80/67	32.8	27.2	39.7	2.5	13.4
				85/71	35.2	28.0	42.2	2.4	14.4
110	6	2.6	1.1	75/63	26.5	24.9	35.3	3.2	8.4
				80/67	28.7	25.7	37.6	3.2	9.1
				85/71	30.9	26.7	39.9	3.2	9.8
	8	5.3	2.3	75/63	27.4	25.3	35.7	3.0	9.2
				80/67	29.6	26.0	38.0	3.0	9.9
				85/71	31.9	27.1	40.3	3.0	10.7
	12	8.7	3.8	75/63	27.9	25.4	35.9	2.9	9.6
				80/67	30.0	26.3	38.2	2.9	10.4
				85/71	32.5	27.3	40.7	2.9	11.3
	16	14.4	6.3	75/63	28.2	25.6	36.1	2.8	9.9
				80/67	30.5	26.4	38.4	2.8	10.8
				85/71	33.0	27.2	40.9	2.8	11.8

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA048 WITH FE5***C48L* / FT5***C48L* COOLING PERFORMANCE - FULL LOAD @ 1400 CFM									
50	6	3.4	1.5	75/63	50.6	38.9	56.4	2.0	25.7
				80/67	54.1	40.0	60.0	2.0	26.9
				85/71	58.1	40.7	64.3	2.1	28.1
	9	6.9	3.0	75/63	52.0	39.5	57.3	1.8	29.3
				80/67	55.9	40.3	61.2	1.8	30.7
				85/71	59.7	41.5	65.3	1.9	32.2
	12	11.4	4.9	75/63	52.6	40.0	57.6	1.7	31.4
				80/67	56.5	40.9	61.5	1.7	33.1
				85/71	60.7	41.7	66.0	1.7	34.7
	16	18.8	8.1	75/63	53.4	39.9	58.0	1.6	33.2
				80/67	57.3	41.1	62.1	1.6	35.3
				85/71	61.4	41.9	66.4	1.7	36.8
60	6	3.3	1.4	75/63	48.8	38.1	55.2	2.2	22.0
				80/67	52.2	39.2	58.7	2.3	23.1
				85/71	55.8	40.1	62.6	2.3	24.2
	9	6.6	2.9	75/63	50.1	38.9	56.0	2.0	24.7
				80/67	53.9	39.5	60.0	2.1	26.1
				85/71	57.9	40.3	64.2	2.1	27.5
	12	10.9	4.7	75/63	50.8	39.1	56.5	1.9	26.2
				80/67	54.7	40.0	60.6	2.0	27.8
				85/71	58.6	40.9	64.6	2.0	29.4
	16	18.0	7.8	75/63	51.5	39.2	56.9	1.9	27.5
				80/67	55.3	40.1	60.9	1.9	29.2
				85/71	59.3	41.0	65.1	1.9	30.9
70	6	3.2	1.4	75/63	46.8	37.4	53.9	2.5	19.0
				80/67	50.3	38.4	57.7	2.5	20.0
				85/71	53.6	39.3	61.2	2.6	21.0
	9	6.4	2.8	75/63	48.3	38.0	54.9	2.3	21.1
				80/67	51.8	38.9	58.6	2.3	22.4
				85/71	55.7	39.5	62.7	2.4	23.7
	12	10.5	4.6	75/63	48.9	38.3	55.3	2.2	22.2
				80/67	52.7	39.2	59.3	2.2	23.7
				85/71	56.6	39.8	63.2	2.3	25.1
	16	17.4	7.6	75/63	49.5	38.3	55.7	2.1	23.2
				80/67	53.2	39.3	59.6	2.2	24.7
				85/71	57.0	40.5	63.5	2.2	26.3
80	6	3.1	1.3	75/63	45.1	36.4	53.1	2.8	16.4
				80/67	48.3	37.4	56.5	2.8	17.3
				85/71	51.5	38.7	60.0	2.8	18.1
	9	6.2	2.7	75/63	46.4	37.0	53.8	2.6	18.1
				80/67	49.8	38.0	57.4	2.6	19.2
				85/71	53.6	38.8	61.3	2.6	20.4
	12	10.2	4.4	75/63	47.0	37.3	54.1	2.5	19.0
				80/67	50.4	38.5	57.6	2.5	20.3
				85/71	54.3	39.3	61.7	2.5	21.6
	16	16.8	7.3	75/63	47.4	37.6	54.4	2.4	19.7
				80/67	51.1	38.6	58.2	2.4	21.2
				85/71	54.8	39.4	62.1	2.4	22.5

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	6	3.0	1.3	75/63	43.3	35.7	52.2	3.1	14.0
				80/67	46.2	36.7	55.3	3.1	14.8
				85/71	49.3	37.9	58.8	3.2	15.6
	9	6.0	2.6	75/63	44.5	36.1	52.8	2.9	15.5
				80/67	47.7	37.2	56.2	2.9	16.5
				85/71	51.3	37.9	59.9	2.9	17.5
	12	9.9	4.3	75/63	45.0	36.5	53.1	2.8	16.3
				80/67	48.4	37.4	56.6	2.8	17.4
				85/71	52.1	38.1	60.4	2.8	18.5
	16	16.3	7.1	75/63	45.4	36.5	53.3	2.7	16.8
				80/67	49.0	37.5	57.0	2.7	18.0
				85/71	52.7	38.1	60.9	2.8	19.1
100	6	2.9	1.2	75/63	41.2	35.0	51.3	3.5	11.9
				80/67	44.0	35.9	54.3	3.5	12.6
				85/71	46.8	37.2	57.5	3.5	13.2
	9	5.8	2.5	75/63	42.6	35.2	51.9	3.2	13.2
				80/67	45.6	36.2	55.1	3.3	14.0
				85/71	48.8	37.3	58.5	3.3	14.9
	12	9.6	4.2	75/63	43.1	35.6	52.1	3.1	13.8
				80/67	46.1	36.8	55.3	3.1	14.7
				85/71	49.8	37.2	59.1	3.2	15.7
	16	15.9	6.9	75/63	43.4	35.9	52.3	3.0	14.3
				80/67	46.9	36.1	55.8	3.1	15.2
				85/71	50.4	37.2	59.5	3.1	16.2
110	6	2.8	1.2	75/63	39.4	34.1	50.8	3.9	10.1
				80/67	42.0	35.0	53.7	4.0	10.6
				85/71	45.1	35.4	56.9	4.0	11.2
	9	5.6	2.4	75/63	40.5	34.4	51.1	3.6	11.1
				80/67	43.4	35.3	54.1	3.7	11.8
				85/71	46.4	36.5	57.3	3.7	12.5
	12	9.3	4.0	75/63	41.0	34.6	51.3	3.5	11.6
				80/67	44.0	35.5	54.4	3.5	12.4
				85/71	47.2	36.7	57.8	3.6	13.3
	16	15.5	6.7	75/63	41.2	33.8	51.5	3.6	11.4
				80/67	44.2	34.6	54.7	3.6	12.2
				85/71	46.2	37.1	57.0	3.4	13.7

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA048 WITH FE5***C48L* / FT5***C48L* COOLING PERFORMANCE - PART LOAD @ 1120 CFM									
50	6	3.4	1.5	75/63	38.9	30.5	42.0	1.1	34.0
				80/67	41.4	31.3	44.7	1.1	36.2
				85/71	44.2	32.0	47.5	1.1	38.7
	9	6.9	3.0	75/63	39.9	31.0	42.8	1.0	38.7
				80/67	42.6	31.8	45.5	1.0	41.7
				85/71	45.6	32.3	48.5	1.0	45.1
	12	11.4	4.9	75/63	40.4	31.2	43.1	1.0	41.6
				80/67	43.2	32.0	45.9	1.0	45.1
				85/71	46.5	32.6	49.1	0.9	49.4
	16	18.8	8.1	75/63	40.9	31.5	43.5	0.9	44.1
				80/67	43.8	32.1	46.4	0.9	48.1
				85/71	46.9	32.9	49.5	0.9	53.1
60	6	3.3	1.4	75/63	36.9	29.7	40.6	1.3	27.5
				80/67	39.5	30.4	43.3	1.3	29.4
				85/71	42.2	31.0	46.0	1.4	31.1
	9	6.6	2.9	75/63	38.0	30.2	41.4	1.2	30.9
				80/67	40.6	31.0	44.0	1.2	33.1
				85/71	43.4	31.7	46.9	1.2	35.7
	12	10.9	4.7	75/63	38.6	30.4	41.8	1.2	32.8
				80/67	41.3	31.1	44.5	1.2	35.5
				85/71	44.2	31.9	47.5	1.1	38.5
	16	18.0	7.8	75/63	39.0	30.6	42.1	1.1	34.4
				80/67	41.7	31.3	44.9	1.1	37.4
				85/71	44.8	32.0	47.9	1.1	40.7
70	6	3.2	1.4	75/63	35.0	28.9	39.3	1.6	22.5
				80/67	37.4	29.7	41.8	1.6	24.0
				85/71	40.0	30.4	44.4	1.6	25.5
	9	6.4	2.8	75/63	36.1	29.3	40.0	1.4	25.0
				80/67	38.6	30.1	42.6	1.4	26.9
				85/71	41.3	30.8	45.4	1.4	28.8
	12	10.5	4.6	75/63	36.6	29.5	40.4	1.4	26.4
				80/67	39.2	30.4	43.0	1.4	28.5
				85/71	42.0	31.2	45.8	1.4	30.8
	16	17.4	7.6	75/63	37.0	29.7	40.6	1.3	27.5
				80/67	39.6	30.5	43.3	1.3	29.8
				85/71	42.5	31.3	46.2	1.3	32.4
80	6	3.1	1.3	75/63	33.1	28.1	38.0	1.8	18.5
				80/67	35.5	28.9	40.4	1.8	19.8
				85/71	38.0	29.6	43.0	1.8	21.1
	9	6.2	2.7	75/63	34.0	28.5	38.6	1.7	20.4
				80/67	36.5	29.3	41.1	1.7	21.9
				85/71	39.1	30.1	43.8	1.7	23.5
	12	10.2	4.4	75/63	34.6	28.6	39.0	1.6	21.5
				80/67	37.1	29.5	41.5	1.6	23.2
				85/71	39.7	30.3	44.2	1.6	24.9
	16	16.8	7.3	75/63	34.9	28.8	39.2	1.6	22.3
				80/67	37.5	29.7	41.8	1.6	24.1
				85/71	40.3	30.4	44.7	1.5	26.1

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	6	3.0	1.3	75/63	31.1	27.3	36.7	2.0	15.2
				80/67	33.4	28.0	39.1	2.1	16.3
				85/71	35.7	28.9	41.5	2.1	17.3
	9	6.0	2.6	75/63	32.0	27.7	37.2	1.9	16.7
				80/67	34.4	28.4	39.7	1.9	18.0
				85/71	36.9	29.3	42.3	1.9	19.2
	12	9.9	4.3	75/63	32.5	27.8	37.6	1.9	17.5
				80/67	35.0	28.6	40.1	1.9	18.9
				85/71	37.5	29.5	42.7	1.8	20.3
	16	16.3	7.1	75/63	32.8	28.0	37.8	1.8	18.1
				80/67	35.4	28.8	40.4	1.8	19.6
				85/71	38.0	29.7	43.0	1.8	21.2
100	6	2.9	1.2	75/63	29.0	26.5	35.4	2.3	12.4
				80/67	31.3	27.3	37.7	2.3	13.4
				85/71	33.7	28.0	40.2	2.3	14.3
	9	5.8	2.5	75/63	29.9	26.8	35.9	2.2	13.6
				80/67	32.3	27.6	38.3	2.2	14.7
				85/71	34.7	28.4	40.9	2.2	15.8
	12	9.6	4.2	75/63	30.4	27.0	36.2	2.1	14.2
				80/67	32.8	27.9	38.7	2.1	15.4
				85/71	35.3	28.6	41.2	2.1	16.6
	16	15.9	6.9	75/63	30.8	27.0	36.5	2.1	14.7
				80/67	33.1	28.0	38.9	2.1	15.9
				85/71	35.7	28.9	41.5	2.1	17.2
110	6	2.8	1.2	75/63	26.9	25.7	34.2	2.7	10.1
				80/67	29.2	26.6	36.5	2.7	11.0
				85/71	31.4	27.6	38.9	2.7	11.8
	9	5.6	2.4	75/63	27.8	25.9	34.7	2.5	11.0
				80/67	30.0	27.0	37.0	2.5	11.9
				85/71	32.5	27.7	39.5	2.5	13.0
	12	9.3	4.0	75/63	28.2	26.1	34.9	2.5	11.5
				80/67	30.4	27.3	37.2	2.4	12.4
				85/71	33.0	27.9	39.8	2.4	13.6
	16	15.5	6.7	75/63	28.5	26.2	35.1	2.4	11.8
				80/67	30.9	27.1	37.5	2.4	12.9
				85/71	33.4	28.0	40.1	2.4	14.0

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA060 WITH CAA**6024AM* COOLING PERFORMANCE - FULL LOAD @ 1750 CFM									
50	7.5	6.4	2.8	75/63	65.5	48.9	72.9	2.4	26.9
				80/67	70.1	49.8	77.7	2.5	28.3
				85/71	75.0	50.8	82.8	2.5	29.7
	11.3	12.8	5.5	75/63	67.3	49.5	74.1	2.2	30.1
				80/67	72.0	50.7	79.0	2.3	31.8
				85/71	77.2	51.6	84.2	2.3	33.7
	15.0	20.9	9.1	75/63	68.0	50.0	74.5	2.1	31.9
				80/67	73.1	51.0	79.7	2.2	33.7
				85/71	78.1	52.1	84.9	2.2	35.9
	20.0	34.4	14.9	75/63	68.8	50.1	75.1	2.1	33.3
				80/67	73.7	51.1	80.0	2.1	35.0
				85/71	79.1	52.2	85.6	2.1	37.8
60	7.5	6.1	2.6	75/63	63.3	47.6	71.5	2.7	23.2
				80/67	67.7	48.7	76.1	2.8	24.4
				85/71	72.4	49.8	81.0	2.8	25.6
	11.3	12.2	5.3	75/63	65.0	48.4	72.6	2.5	25.7
				80/67	69.5	49.7	77.3	2.6	27.2
				85/71	74.5	50.5	82.5	2.6	28.8
	15.0	20.0	8.7	75/63	65.7	48.8	73.1	2.4	27.1
				80/67	70.4	50.1	77.9	2.4	28.8
				85/71	75.5	51.0	83.1	2.5	30.7
	20.0	33.0	14.3	75/63	66.2	49.1	73.4	2.4	28.1
				80/67	71.3	50.2	78.5	2.4	30.1
				85/71	76.4	51.1	83.8	2.4	32.1
70	7.5	5.9	2.6	75/63	60.7	46.7	69.9	3.0	19.9
				80/67	65.1	47.9	74.5	3.1	21.0
				85/71	69.4	49.0	79.1	3.1	22.1
	11.3	11.7	5.1	75/63	62.3	47.4	70.9	2.8	22.0
				80/67	67.0	48.5	75.7	2.9	23.4
				85/71	71.6	49.7	80.4	2.9	24.8
	15.0	19.3	8.4	75/63	63.3	47.7	71.5	2.7	23.2
				80/67	67.8	49.0	76.2	2.7	24.7
				85/71	72.8	49.9	81.3	2.8	26.3
	20.0	31.8	13.8	75/63	63.8	47.9	71.9	2.7	24.0
				80/67	68.7	49.1	76.8	2.7	25.7
				85/71	73.5	50.3	81.8	2.7	27.4
80	7.5	5.6	2.4	75/63	58.3	45.5	68.5	3.4	17.2
				80/67	62.3	47.0	72.8	3.4	18.1
				85/71	66.6	48.0	77.3	3.5	19.1
	11.3	11.3	4.9	75/63	59.9	46.3	69.4	3.2	18.9
				80/67	64.1	47.8	73.9	3.2	20.0
				85/71	68.9	48.4	78.8	3.2	21.3
	15.0	18.6	8.1	75/63	60.6	46.7	69.8	3.1	19.8
				80/67	65.2	47.9	74.6	3.1	21.2
				85/71	70.0	48.8	79.5	3.1	22.6
	20.0	30.7	13.3	75/63	61.3	46.9	70.3	3.0	20.6
				80/67	65.7	48.2	74.9	3.0	22.0
				85/71	70.6	49.3	79.9	3.0	23.5

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	7.5	5.4	2.4	75/63	55.6	44.5	67.0	3.8	14.6
				80/67	59.8	45.5	71.4	3.8	15.5
				85/71	63.9	46.8	75.9	3.9	16.4
	11.3	10.9	4.7	75/63	57.2	45.2	67.9	3.5	16.1
				80/67	61.4	46.4	72.3	3.6	17.2
				85/71	65.9	47.5	77.0	3.6	18.3
	15.0	18.0	7.8	75/63	58.1	45.4	68.4	3.4	16.9
				80/67	62.5	46.5	73.0	3.5	18.1
				85/71	66.9	47.9	77.5	3.5	19.3
	20.0	29.8	12.9	75/63	58.6	45.6	68.7	3.4	17.5
				80/67	63.0	47.0	73.3	3.4	18.8
				85/71	67.8	48.1	78.1	3.4	20.1
100	7.5	5.3	2.3	75/63	53.0	43.3	65.8	4.2	12.5
				80/67	56.5	44.9	69.8	4.3	13.2
				85/71	61.2	45.3	74.4	4.4	14.0
	11.3	10.6	4.6	75/63	54.5	44.0	66.4	4.0	13.7
				80/67	58.5	45.4	70.8	4.0	14.6
				85/71	62.9	46.4	75.3	4.0	15.5
	15.0	17.5	7.6	75/63	55.3	44.4	66.8	3.8	14.4
				80/67	59.6	45.5	71.3	3.9	15.4
				85/71	63.9	46.8	75.9	3.9	16.4
	20.0	28.9	12.5	75/63	56.0	44.4	67.3	3.8	14.8
				80/67	60.1	45.8	71.5	3.8	15.9
				85/71	64.5	47.3	76.2	3.8	17.0
110	7.5	5.1	2.2	75/63	50.5	42.1	64.9	4.8	10.6
				80/67	54.1	43.5	68.8	4.8	11.2
				85/71	58.0	44.6	73.0	4.9	11.9
	11.3	10.3	4.5	75/63	51.7	43.0	65.3	4.5	11.5
				80/67	55.8	44.0	69.5	4.5	12.4
				85/71	59.9	45.2	73.8	4.5	13.2
	15.0	17.0	7.4	75/63	52.5	43.1	65.6	4.3	12.1
				80/67	56.5	44.5	69.7	4.4	13.0
				85/71	60.7	45.9	74.2	4.4	13.8
	20.0	28.1	12.2	75/63	52.9	43.3	65.8	4.3	12.4
				80/67	57.1	44.7	69.9	4.3	13.4
				85/71	61.3	46.0	74.5	4.3	14.3

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA060 WITH CAA**6024AM* COOLING PERFORMANCE - PART LOAD @ 1400 CFM									
50	7.5	6.4	2.8	75/63	47.4	37.4	52.4	1.7	28.0
				80/67	50.5	38.2	55.6	1.7	30.0
				85/71	53.8	39.1	58.9	1.7	32.3
	11.3	12.8	5.5	75/63	48.7	37.8	53.3	1.6	31.0
				80/67	51.9	38.7	56.5	1.6	33.4
				85/71	55.3	39.6	60.0	1.5	36.3
	15.0	20.9	9.1	75/63	49.2	38.1	53.7	1.5	32.6
				80/67	52.5	39.0	57.0	1.5	35.3
				85/71	56.1	39.8	60.5	1.5	38.6
	20.0	34.4	14.9	75/63	49.6	38.3	54.0	1.5	33.9
				80/67	53.0	39.2	57.3	1.4	36.8
				85/71	56.6	40.0	60.9	1.4	40.5
60	7.5	6.1	2.6	75/63	45.2	36.3	50.9	2.0	23.2
				80/67	48.2	37.1	53.9	1.9	24.8
				85/71	51.4	38.2	57.2	1.9	26.6
	11.3	12.2	5.3	75/63	46.3	36.9	51.7	1.8	25.4
				80/67	49.5	37.7	54.8	1.8	27.4
				85/71	52.9	38.7	58.2	1.8	29.7
	15.0	20.0	8.7	75/63	46.9	37.1	52.0	1.8	26.7
				80/67	50.1	38.0	55.3	1.7	28.9
				85/71	53.6	38.7	58.7	1.7	31.4
	20.0	33.0	14.3	75/63	47.3	37.3	52.3	1.7	27.7
				80/67	50.6	38.1	55.6	1.7	30.0
				85/71	54.1	38.9	59.1	1.7	32.8
70	7.5	5.9	2.6	75/63	42.8	35.4	49.3	2.2	19.1
				80/67	45.8	36.2	52.3	2.2	20.5
				85/71	48.8	37.1	55.5	2.2	21.9
	11.3	11.7	5.1	75/63	43.9	35.8	50.0	2.1	20.9
				80/67	47.1	36.6	53.2	2.1	22.6
				85/71	50.2	37.7	56.3	2.1	24.3
	15.0	19.3	8.4	75/63	44.5	36.0	50.4	2.0	21.9
				80/67	47.6	37.0	53.5	2.0	23.7
				85/71	51.0	37.9	56.9	2.0	25.7
	20.0	31.8	13.8	75/63	45.0	36.1	50.7	2.0	22.7
				80/67	48.1	37.2	53.9	2.0	24.6
				85/71	51.5	38.1	57.2	1.9	26.8
80	7.5	5.6	2.4	75/63	40.4	34.3	47.8	2.6	15.8
				80/67	43.2	35.4	50.7	2.6	16.9
				85/71	46.3	36.3	53.8	2.6	18.1
	11.3	11.3	4.9	75/63	41.5	34.7	48.5	2.4	17.2
				80/67	44.4	35.7	51.5	2.4	18.5
				85/71	47.6	36.7	54.6	2.4	19.9
	15.0	18.6	8.1	75/63	42.0	34.9	48.8	2.3	18.0
				80/67	45.0	36.1	51.8	2.3	19.4
				85/71	48.3	37.0	55.1	2.3	21.0
	20.0	30.7	13.3	75/63	42.5	35.2	49.1	2.3	18.6
				80/67	45.5	36.2	52.2	2.3	20.1
				85/71	48.8	37.0	55.4	2.2	21.8

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	7.5	5.4	2.4	75/63	37.9	33.4	46.4	2.9	13.0
				80/67	40.8	34.2	49.3	2.9	14.0
				85/71	43.6	35.3	52.2	2.9	15.0
	11.3	10.9	4.7	75/63	39.0	33.7	47.0	2.8	14.1
				80/67	41.8	34.9	49.9	2.8	15.2
				85/71	44.9	35.6	53.0	2.7	16.4
	15.0	18.0	7.8	75/63	39.6	34.0	47.3	2.7	14.7
				80/67	42.5	35.0	50.3	2.7	15.9
				85/71	45.5	35.9	53.3	2.7	17.2
	20.0	29.8	12.9	75/63	39.9	34.1	47.5	2.6	15.2
				80/67	42.9	35.0	50.5	2.6	16.5
				85/71	45.9	36.3	53.6	2.6	17.8
100	7.5	5.3	2.3	75/63	35.4	32.4	45.0	3.3	10.7
				80/67	38.2	33.3	47.9	3.3	11.5
				85/71	41.0	34.3	50.8	3.3	12.3
	11.3	10.6	4.6	75/63	36.4	32.8	45.5	3.2	11.5
				80/67	39.3	33.7	48.5	3.1	12.5
				85/71	42.1	34.9	51.3	3.1	13.4
	15.0	17.5	7.6	75/63	37.0	32.9	45.9	3.1	12.0
				80/67	39.8	34.0	48.7	3.1	13.0
				85/71	42.8	34.9	51.8	3.0	14.0
	20.0	28.9	12.5	75/63	37.4	33.0	46.1	3.0	12.4
				80/67	40.1	34.2	48.9	3.0	13.4
				85/71	43.3	35.0	52.0	3.0	14.5
110	7.5	5.1	2.2	75/63	32.9	31.3	43.8	3.8	8.7
				80/67	35.5	32.4	46.5	3.8	9.4
				85/71	38.3	33.5	49.4	3.8	10.2
	11.3	10.3	4.5	75/63	33.9	31.6	44.3	3.6	9.4
				80/67	36.6	32.7	47.0	3.6	10.2
				85/71	39.5	33.8	50.0	3.6	11.0
	15.0	17.0	7.4	75/63	34.3	31.9	44.4	3.5	9.7
				80/67	37.0	33.0	47.3	3.5	10.6
				85/71	40.0	34.0	50.3	3.5	11.5
	20.0	28.1	12.2	75/63	34.7	31.9	44.7	3.5	10.0
				80/67	37.5	33.0	47.5	3.4	10.9
				85/71	40.4	34.3	50.4	3.4	11.9

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA060 WITH FE5***D60L* / FT5***D60L* COOLING PERFORMANCE - FULL LOAD @ 1750 CFM									
50	7.5	3.7	1.6	75/63	65.6	49.4	72.7	2.4	27.8
				80/67	70.2	50.3	77.5	2.4	29.2
				85/71	74.7	51.4	82.2	2.5	30.5
	11.3	7.6	3.3	75/63	67.2	49.9	73.7	2.2	30.7
				80/67	71.8	51.0	78.6	2.2	32.3
				85/71	76.6	52.1	83.5	2.3	34.0
	15.0	12.5	5.4	75/63	67.9	50.2	74.2	2.1	32.3
				80/67	72.5	51.6	79.0	2.1	34.3
				85/71	77.6	52.4	84.2	2.2	36.0
	20.0	20.7	9.0	75/63	68.2	50.8	74.3	2.0	34.7
				80/67	72.1	47.3	78.8	2.5	29.4
				85/71	78.0	48.4	84.9	2.5	31.8
60	7.5	3.6	1.5	75/63	63.3	48.5	71.2	2.6	24.2
				80/67	67.7	49.5	75.7	2.7	25.4
				85/71	72.1	50.4	80.4	2.7	26.6
	11.3	7.3	3.2	75/63	65.0	49.0	72.3	2.4	26.6
				80/67	69.6	50.1	77.1	2.5	28.1
				85/71	74.2	51.2	81.9	2.5	29.6
	15.0	12.0	5.2	75/63	65.7	49.4	72.7	2.3	28.0
				80/67	70.5	50.4	77.6	2.4	29.6
				85/71	75.2	51.5	82.5	2.4	31.3
	20.0	19.9	8.6	75/63	66.3	49.4	73.2	2.3	28.9
				80/67	71.1	50.6	78.1	2.3	30.7
				85/71	76.0	51.6	83.1	2.3	32.6
70	7.5	3.4	1.5	75/63	61.0	47.5	69.7	2.9	21.0
				80/67	65.3	48.5	74.2	3.0	22.1
				85/71	69.6	49.4	78.8	3.0	23.1
	11.3	7.0	3.0	75/63	62.7	47.9	70.8	2.7	23.1
				80/67	67.1	49.1	75.4	2.8	24.4
				85/71	71.7	50.0	80.1	2.8	25.7
	15.0	11.6	5.0	75/63	63.5	48.2	71.3	2.6	24.2
				80/67	67.8	49.9	75.9	2.6	25.7
				85/71	72.6	50.3	80.8	2.7	27.1
	20.0	19.2	8.3	75/63	64.1	48.5	71.8	2.6	25.1
				80/67	68.6	49.8	76.4	2.6	26.6
				85/71	73.3	50.6	81.2	2.6	28.2
80	7.5	3.3	1.4	75/63	58.6	46.5	68.4	3.2	18.1
				80/67	62.7	47.6	72.6	3.3	19.1
				85/71	66.8	49.0	77.1	3.3	20.0
	11.3	6.8	2.9	75/63	60.2	47.0	69.3	3.0	19.9
				80/67	64.5	48.1	73.6	3.1	21.1
				85/71	68.9	49.1	78.2	3.1	22.2
	15.0	11.2	4.9	75/63	61.1	47.2	69.8	2.9	20.9
				80/67	65.3	48.5	74.2	2.9	22.2
				85/71	69.9	49.5	78.9	3.0	23.5
	20.0	18.6	8.1	75/63	61.5	47.6	70.0	2.8	21.6
				80/67	66.1	48.6	74.7	2.9	23.0
				85/71	70.6	49.8	79.4	2.9	24.4

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	7.5	3.2	1.4	75/63	56.1	45.3	66.9	3.6	15.6
				80/67	59.9	46.5	71.0	3.7	16.4
				85/71	63.9	47.8	75.3	3.7	17.2
	11.3	6.6	2.9	75/63	57.7	45.9	67.8	3.4	17.1
				80/67	61.6	47.1	71.9	3.4	18.1
				85/71	66.1	48.0	76.6	3.4	19.2
	15.0	10.9	4.7	75/63	58.4	46.4	68.2	3.3	17.9
				80/67	62.6	47.6	72.6	3.3	19.0
				85/71	67.0	48.3	77.1	3.3	20.2
	20.0	18.1	7.8	75/63	59.0	46.5	68.6	3.2	18.5
				80/67	63.4	47.5	73.0	3.2	19.7
				85/71	67.7	49.0	77.6	3.2	21.0
100	7.5	3.1	1.4	75/63	53.7	44.0	65.6	4.0	13.3
				80/67	57.3	45.3	69.6	4.1	14.1
				85/71	61.2	46.3	73.7	4.1	14.8
	11.3	6.4	2.8	75/63	55.2	45.0	66.8	3.8	14.6
				80/67	59.0	46.5	70.9	3.8	15.5
				85/71	63.1	46.9	74.7	3.9	16.4
	15.0	10.6	4.6	75/63	56.1	45.2	67.3	3.7	15.3
				80/67	59.8	46.5	71.1	3.7	16.2
				85/71	64.0	47.7	75.4	3.7	17.2
	20.0	17.6	7.6	75/63	56.5	45.3	67.2	3.6	15.8
				80/67	60.4	46.9	71.3	3.6	16.9
				85/71	64.8	47.6	75.9	3.6	17.9
110	7.5	3.1	1.3	75/63	50.9	43.1	64.6	4.5	11.3
				80/67	54.4	44.1	68.1	4.6	11.9
				85/71	58.0	45.4	72.3	4.6	12.5
	11.3	6.2	2.7	75/63	52.4	43.6	65.2	4.3	12.3
				80/67	56.1	44.6	68.8	4.3	13.1
				85/71	60.3	45.2	73.2	4.3	13.9
	15.0	10.3	4.5	75/63	53.1	43.8	65.3	4.1	12.9
				80/67	57.1	45.0	69.5	4.2	13.8
				85/71	61.0	46.3	73.7	4.2	14.6
	20.0	17.1	7.4	75/63	53.9	41.9	65.8	4.2	12.9
				80/67	57.4	45.0	69.4	4.1	14.1
				85/71	61.7	46.3	74.0	4.1	15.1

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA060 WITH FE5***D60L* / FT5***D60L* COOLING PERFORMANCE - PART LOAD @ 1400 CFM									
50	7.5	3.7	1.6	75/63	48.7	37.7	52.8	1.4	34.0
				80/67	51.8	38.5	56.0	1.4	36.2
				85/71	55.3	39.3	59.5	1.4	39.0
	11.3	7.6	3.3	75/63	49.8	38.2	53.6	1.3	37.3
				80/67	53.2	39.0	57.1	1.3	40.1
				85/71	56.8	39.9	60.7	1.3	43.6
	15.0	12.5	5.4	75/63	50.3	38.5	54.1	1.3	39.1
				80/67	53.8	39.3	57.5	1.3	42.2
				85/71	57.5	40.2	61.2	1.2	46.2
	20.0	20.7	9.0	75/63	50.9	38.7	54.5	1.2	40.7
				80/67	54.2	39.5	57.9	1.2	43.9
				85/71	58.3	40.4	61.8	1.2	48.4
60	7.5	3.6	1.5	75/63	46.4	36.7	51.1	1.6	28.3
				80/67	49.4	37.7	54.2	1.6	30.2
				85/71	52.8	38.4	57.6	1.6	32.5
	11.3	7.3	3.2	75/63	47.5	37.3	51.9	1.5	31.0
				80/67	50.7	38.1	55.2	1.5	33.3
				85/71	54.3	38.9	58.7	1.5	36.1
	15.0	12.0	5.2	75/63	48.1	37.5	52.3	1.5	32.4
				80/67	51.4	38.3	55.7	1.5	35.0
				85/71	55.1	39.2	59.3	1.4	38.2
	20.0	19.9	8.6	75/63	48.5	37.7	52.7	1.4	33.6
				80/67	51.9	38.6	56.0	1.4	36.3
				85/71	55.6	39.4	59.7	1.4	39.9
70	7.5	3.4	1.5	75/63	44.1	35.6	49.4	1.9	23.6
				80/67	47.0	36.6	52.4	1.9	25.1
				85/71	50.2	37.5	55.7	1.9	27.0
	11.3	7.0	3.0	75/63	45.1	36.2	50.2	1.8	25.7
				80/67	48.4	37.0	53.4	1.7	27.6
				85/71	51.8	37.9	56.8	1.7	29.9
	15.0	11.6	5.0	75/63	45.7	36.4	50.5	1.7	26.9
				80/67	48.9	37.4	53.8	1.7	28.9
				85/71	52.5	38.1	57.3	1.7	31.4
	20.0	19.2	8.3	75/63	46.1	36.7	50.8	1.7	27.8
				80/67	49.4	37.5	54.1	1.6	30.0
				85/71	52.9	38.4	57.7	1.6	32.7
80	7.5	3.3	1.4	75/63	41.7	34.6	47.7	2.1	19.6
				80/67	44.5	35.6	50.6	2.1	20.9
				85/71	47.7	36.4	53.8	2.1	22.4
	11.3	6.8	2.9	75/63	42.8	35.1	48.4	2.0	21.3
				80/67	45.8	36.0	51.5	2.0	22.9
				85/71	49.1	36.9	54.8	2.0	24.7
	15.0	11.2	4.9	75/63	43.2	35.4	48.8	1.9	22.2
				80/67	46.3	36.3	51.9	1.9	23.9
				85/71	49.7	37.3	55.3	1.9	25.9
	20.0	18.6	8.1	75/63	43.6	35.6	49.1	1.9	22.9
				80/67	46.8	36.5	52.3	1.9	24.8
				85/71	50.2	37.5	55.7	1.9	26.9

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	7.5	3.2	1.4	75/63	39.0	33.8	45.9	2.4	16.2
				80/67	42.0	34.7	48.9	2.4	17.3
				85/71	44.9	35.7	51.9	2.4	18.5
	11.3	6.6	2.9	75/63	40.2	34.0	46.7	2.3	17.6
				80/67	43.0	35.2	49.6	2.3	18.8
				85/71	46.3	36.0	52.9	2.3	20.4
	15.0	10.9	4.7	75/63	40.8	34.1	47.1	2.2	18.3
				80/67	43.8	35.2	50.1	2.2	19.7
				85/71	47.0	36.2	53.4	2.2	21.3
	20.0	18.1	7.8	75/63	41.2	34.4	47.4	2.2	18.9
				80/67	44.2	35.5	50.4	2.2	20.4
				85/71	47.4	36.5	53.7	2.1	22.1
100	7.5	3.1	1.4	75/63	36.7	32.5	44.4	2.7	13.4
				80/67	39.2	33.7	47.1	2.8	14.3
				85/71	42.1	34.8	50.2	2.7	15.3
	11.3	6.4	2.8	75/63	37.5	33.2	45.0	2.6	14.4
				80/67	40.5	33.9	47.9	2.6	15.5
				85/71	43.4	35.0	50.9	2.6	16.7
	15.0	10.6	4.6	75/63	38.1	33.3	45.2	2.5	15.0
				80/67	41.0	34.3	48.3	2.5	16.2
				85/71	44.0	35.5	51.3	2.5	17.4
	20.0	17.6	7.6	75/63	38.5	33.4	45.5	2.5	15.4
				80/67	41.3	34.6	48.5	2.5	16.6
				85/71	44.7	35.3	51.8	2.5	18.1
110	7.5	3.1	1.3	75/63	33.5	31.6	42.5	3.1	10.8
				80/67	36.6	32.8	45.6	3.1	11.8
				85/71	37.7	33.8	47.5	3.1	12.2
	11.3	6.2	2.7	75/63	34.8	32.2	43.3	3.0	11.7
				80/67	37.7	33.1	46.2	3.0	12.7
				85/71	40.7	34.1	49.2	2.9	13.8
	15.0	10.3	4.5	75/63	35.4	32.2	43.7	2.9	12.2
				80/67	38.1	33.4	46.5	2.9	13.2
				85/71	41.3	34.1	49.6	2.9	14.4
	20.0	17.1	7.4	75/63	35.8	32.3	43.8	2.9	12.5
				80/67	38.6	33.3	46.7	2.8	13.6
				85/71	41.7	34.4	49.8	2.8	14.8

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA072 WITH CAA**6024AM* COOLING PERFORMANCE - PART LOAD @ 1750 CFM									
50	9.0	8.7	3.8	75/63	72.6	54.0	81.5	2.9	25.3
				80/67	77.6	55.3	86.7	2.9	26.5
				85/71	82.8	56.5	92.2	3.0	27.7
	13.5	17.5	7.6	75/63	74.4	54.8	82.6	2.7	27.8
				80/67	79.7	55.8	88.1	2.7	29.3
				85/71	85.0	57.1	93.7	2.8	30.7
	18.0	28.5	12.3	75/63	75.1	55.3	83.0	2.6	29.2
				80/67	80.6	56.3	88.7	2.6	30.7
				85/71	86.2	57.5	94.5	2.7	32.5
	24.0	47.1	20.4	75/63	75.6	55.7	83.2	2.4	30.9
				80/67	81.1	55.2	89.1	2.6	30.6
				85/71	86.7	58.5	94.8	2.5	34.6
60	9.0	8.3	3.6	75/63	70.0	53.0	79.8	3.2	21.9
				80/67	75.3	53.9	85.2	3.3	23.1
				85/71	80.1	55.2	90.3	3.3	24.2
	13.5	16.7	7.2	75/63	71.9	53.6	81.0	3.0	24.0
				80/67	76.9	55.0	86.3	3.0	25.4
				85/71	82.4	55.7	91.9	3.1	26.8
	18.0	27.4	11.9	75/63	72.7	53.9	81.5	2.9	25.2
				80/67	77.7	55.4	86.8	2.9	26.7
				85/71	83.4	56.3	92.6	3.0	28.2
	24.0	45.3	19.6	75/63	72.7	52.4	81.6	3.0	24.1
				80/67	78.5	55.5	87.3	2.8	27.6
				85/71	84.1	56.2	93.1	2.9	29.0
70	9.0	8.0	3.5	75/63	67.6	51.6	78.4	3.6	19.0
				80/67	72.1	53.3	83.3	3.6	20.0
				85/71	77.3	53.9	88.6	3.7	21.1
	13.5	16.1	7.0	75/63	69.3	52.3	79.4	3.3	20.8
				80/67	74.1	53.8	84.5	3.4	22.0
				85/71	79.4	54.7	89.8	3.4	23.2
	18.0	26.4	11.5	75/63	70.0	52.8	79.7	3.2	21.7
				80/67	75.0	54.4	85.0	3.2	23.1
				85/71	80.5	55.1	90.7	3.3	24.5
	24.0	43.6	18.9	75/63	69.8	53.1	79.6	3.1	22.8
				80/67	75.8	54.5	85.6	3.2	24.0
				85/71	81.1	55.1	91.1	3.2	25.2
80	9.0	7.7	3.3	75/63	64.6	50.8	76.7	4.0	16.4
				80/67	69.4	51.9	81.6	4.0	17.3
				85/71	74.2	53.0	86.7	4.1	18.2
	13.5	15.5	6.7	75/63	66.3	51.3	77.6	3.7	17.9
				80/67	71.3	52.5	82.8	3.8	19.0
				85/71	76.4	53.8	88.0	3.8	20.1
	18.0	25.5	11.1	75/63	67.2	51.6	78.1	3.6	18.7
				80/67	72.1	53.0	83.2	3.6	19.9
				85/71	77.4	54.0	88.6	3.7	21.1
	24.0	42.2	18.3	75/63	67.7	51.9	78.4	3.5	19.2
				80/67	72.9	53.2	83.8	3.5	20.6
				85/71	78.1	54.4	89.1	3.6	22.0

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	9.0	7.4	3.2	75/63	62.0	49.2	75.4	4.4	14.1
				80/67	66.4	50.6	80.1	4.5	14.9
				85/71	71.1	51.6	85.1	4.5	15.7
	13.5	15.0	6.5	75/63	63.6	50.0	76.2	4.1	15.3
				80/67	68.4	51.2	81.2	4.2	16.3
				85/71	73.2	52.6	86.1	4.2	17.3
	18.0	24.7	10.7	75/63	64.2	50.5	76.4	4.0	16.0
				80/67	69.1	51.8	81.6	4.0	17.1
				85/71	74.3	52.7	86.9	4.1	18.2
	24.0	40.9	17.7	75/63	63.7	50.4	75.9	3.9	16.5
				80/67	69.8	51.9	81.9	4.0	17.7
				85/71	74.9	53.1	87.1	4.0	18.8
100	9.0	7.2	3.1	75/63	59.1	48.0	74.2	4.9	12.0
				80/67	63.5	49.0	78.8	5.0	12.7
				85/71	67.8	50.6	83.4	5.0	13.4
	13.5	14.5	6.3	75/63	60.5	48.9	74.7	4.6	13.0
				80/67	64.9	50.4	79.4	4.7	13.9
				85/71	70.1	50.9	84.5	4.7	14.8
	18.0	24.0	10.4	75/63	61.4	49.0	75.1	4.5	13.6
				80/67	66.1	50.3	79.9	4.5	14.6
				85/71	70.8	51.8	85.0	4.6	15.5
	24.0	39.8	17.2	75/63	60.6	49.0	74.4	4.3	13.9
				80/67	65.1	50.7	79.2	4.4	15.0
				85/71	71.6	51.8	85.2	4.5	16.0
110	9.0	7.0	3.0	75/63	56.1	46.7	73.0	5.5	10.1
				80/67	59.5	48.5	77.0	5.6	10.7
				85/71	64.2	49.6	81.6	5.7	11.4
	13.5	14.1	6.1	75/63	57.6	47.5	73.5	5.2	11.0
				80/67	61.8	48.9	77.9	5.3	11.8
				85/71	66.5	49.9	82.8	5.3	12.6
	18.0	23.3	10.1	75/63	58.5	47.4	73.9	5.1	11.5
				80/67	62.7	49.2	78.2	5.1	12.3
				85/71	67.1	50.8	82.8	5.1	13.1
	24.0	38.7	16.8	75/63	57.7	47.8	73.2	4.9	11.7
				80/67	61.6	49.3	77.5	4.9	12.5
				85/71	69.3	46.0	84.1	5.2	13.4

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA072 WITH CAA**6024AM* COOLING PERFORMANCE - PART LOAD @ 1400 CFM									
50	9.0	8.7	3.8	75/63	54.0	40.5	60.5	2.2	24.9
				80/67	57.9	41.5	64.4	2.2	26.9
				85/71	62.1	42.4	68.6	2.1	29.1
	13.5	17.5	7.6	75/63	55.2	41.0	61.3	2.0	27.0
				80/67	59.1	42.1	65.2	2.0	29.4
				85/71	63.6	42.8	69.6	2.0	32.1
	18.0	28.5	12.3	75/63	55.6	41.3	61.6	2.0	28.2
				80/67	59.7	42.3	65.5	1.9	30.8
				85/71	64.2	43.2	70.0	1.9	33.7
	24.0	47.1	20.4	75/63	56.0	41.4	61.8	1.9	29.1
				80/67	60.3	42.5	66.0	1.9	32.0
				85/71	64.9	43.2	70.5	1.8	35.1
60	9.0	8.3	3.6	75/63	51.9	39.6	59.2	2.5	21.0
				80/67	55.7	40.4	63.0	2.5	22.6
				85/71	59.6	41.3	67.0	2.4	24.4
	13.5	16.7	7.2	75/63	53.0	40.0	59.9	2.3	22.8
				80/67	56.9	41.0	63.7	2.3	24.7
				85/71	61.0	41.9	67.9	2.3	26.9
	18.0	27.4	11.9	75/63	53.5	40.3	60.2	2.2	23.8
				80/67	57.4	41.3	64.1	2.2	25.9
				85/71	61.6	42.2	68.3	2.2	28.2
	24.0	45.3	19.6	75/63	53.9	40.5	60.4	2.2	24.5
				80/67	57.8	41.5	64.3	2.2	26.8
				85/71	62.3	42.4	68.7	2.1	29.4
70	9.0	8.0	3.5	75/63	49.6	38.7	58.0	2.8	17.6
				80/67	53.4	39.6	61.8	2.8	19.0
				85/71	57.2	40.4	65.6	2.8	20.5
	13.5	16.1	7.0	75/63	50.7	39.1	58.6	2.7	19.1
				80/67	54.5	40.1	62.3	2.6	20.7
				85/71	58.3	41.1	66.2	2.6	22.4
	18.0	26.4	11.5	75/63	51.2	39.3	58.9	2.6	19.9
				80/67	55.0	40.4	62.6	2.5	21.7
				85/71	59.0	41.2	66.6	2.5	23.5
	24.0	43.6	18.9	75/63	51.6	39.5	59.1	2.5	20.6
				80/67	55.5	40.6	62.9	2.5	22.4
				85/71	59.7	41.4	67.0	2.4	24.5
80	9.0	7.7	3.3	75/63	47.5	37.7	57.0	3.2	14.8
				80/67	51.0	38.7	60.5	3.2	15.9
				85/71	54.7	39.7	64.3	3.2	17.1
	13.5	15.5	6.7	75/63	48.4	38.1	57.4	3.0	16.0
				80/67	52.1	39.2	61.0	3.0	17.3
				85/71	55.9	40.0	64.9	3.0	18.7
	18.0	25.5	11.1	75/63	48.9	38.3	57.6	2.9	16.6
				80/67	52.7	39.2	61.4	2.9	18.1
				85/71	56.5	40.2	65.2	2.9	19.6
	24.0	42.2	18.3	75/63	49.3	38.4	57.8	2.9	17.1
				80/67	53.0	39.6	61.5	2.8	18.7
				85/71	57.1	40.4	65.5	2.8	20.4

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	9.0	7.4	3.2	75/63	45.1	36.7	55.9	3.7	12.3
				80/67	48.5	37.8	59.4	3.7	13.3
				85/71	52.1	38.8	63.1	3.6	14.3
	13.5	15.0	6.5	75/63	46.1	37.0	56.3	3.5	13.3
				80/67	49.5	38.3	59.8	3.4	14.4
				85/71	53.3	39.1	63.6	3.4	15.6
	18.0	24.7	10.7	75/63	46.6	37.3	56.5	3.4	13.8
				80/67	50.2	38.2	60.1	3.3	15.0
				85/71	53.9	39.4	63.9	3.3	16.3
	24.0	40.9	17.7	75/63	47.0	37.3	56.7	3.3	14.2
				80/67	50.6	38.5	60.3	3.3	15.5
				85/71	54.5	39.5	64.2	3.2	16.9
100	9.0	7.2	3.1	75/63	42.8	35.6	55.1	4.2	10.3
				80/67	46.1	36.8	58.5	4.2	11.1
				85/71	49.5	37.7	62.0	4.1	12.0
	13.5	14.5	6.3	75/63	43.7	36.0	55.4	4.0	11.0
				80/67	47.0	37.3	58.8	3.9	12.0
				85/71	50.7	38.0	62.5	3.9	13.0
	18.0	24.0	10.4	75/63	44.2	36.4	55.6	3.9	11.4
				80/67	47.6	37.3	59.0	3.8	12.5
				85/71	51.3	38.4	62.7	3.8	13.5
	24.0	39.8	17.2	75/63	44.5	36.4	55.7	3.8	11.8
				80/67	48.0	37.5	59.2	3.7	12.8
				85/71	51.9	38.4	63.0	3.7	14.0
110	9.0	7.0	3.0	75/63	40.4	34.8	54.4	4.7	8.6
				80/67	43.5	35.8	57.6	4.7	9.2
				85/71	46.8	36.9	61.0	4.7	9.9
	13.5	14.1	6.1	75/63	41.4	35.0	54.7	4.5	9.2
				80/67	44.6	36.1	58.0	4.5	9.9
				85/71	48.0	37.1	61.4	4.5	10.8
	18.0	23.3	10.1	75/63	41.8	35.2	54.8	4.4	9.5
				80/67	45.1	36.2	58.1	4.4	10.3
				85/71	48.5	37.4	61.6	4.3	11.2
	24.0	38.7	16.8	75/63	42.1	35.5	54.8	4.3	9.7
				80/67	45.5	36.5	58.2	4.3	10.6
				85/71	49.1	37.6	61.8	4.2	11.6

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA072 WITH FE5***D60L* / FT5***D60L* COOLING PERFORMANCE - PART LOAD @ 1750 CFM									
50	9.0	5.8	2.5	75/63	57.3	47.5	63.7	2.2	26.5
				80/67	61.2	49.2	67.7	2.1	28.6
				85/71	65.7	50.2	72.2	2.1	30.9
	13.5	11.8	5.1	75/63	58.6	48.1	64.6	2.0	29.1
				80/67	63.0	49.3	69.0	2.0	31.7
				85/71	67.4	50.7	73.3	2.0	34.4
	18.0	19.4	8.4	75/63	59.1	48.6	64.9	1.9	30.4
				80/67	63.6	49.8	69.4	1.9	33.3
				85/71	68.2	51.1	74.0	1.9	36.4
	24.0	32.1	13.9	75/63	59.5	48.8	65.2	1.9	31.5
				80/67	64.0	50.2	69.7	1.9	34.6
				85/71	68.8	51.3	74.4	1.8	38.0
60	9.0	5.6	2.4	75/63	54.6	46.8	61.9	2.5	22.2
				80/67	58.6	48.0	66.0	2.4	24.0
				85/71	63.2	48.9	70.6	2.4	26.0
	13.5	11.3	4.9	75/63	55.9	47.2	62.8	2.3	24.3
				80/67	60.0	48.7	66.9	2.3	26.4
				85/71	63.8	50.5	70.9	2.2	28.4
	18.0	18.6	8.1	75/63	56.6	47.4	63.3	2.2	25.4
				80/67	61.2	48.5	67.8	2.2	27.9
				85/71	65.5	49.9	72.1	2.2	30.3
	24.0	30.8	13.4	75/63	57.0	47.6	63.5	2.2	26.3
				80/67	61.4	49.2	67.8	2.1	28.9
				85/71	65.9	50.5	72.4	2.1	31.6
70	9.0	5.4	2.3	75/63	52.1	45.6	60.4	2.8	18.6
				80/67	56.1	46.9	64.5	2.8	20.1
				85/71	62.7	43.1	70.2	2.8	22.4
	13.5	10.9	4.7	75/63	53.4	46.1	61.2	2.6	20.3
				80/67	57.4	47.6	65.2	2.6	22.0
				85/71	61.0	49.5	69.1	2.6	23.6
	18.0	18.0	7.8	75/63	53.9	46.5	61.5	2.5	21.2
				80/67	58.2	47.8	65.8	2.5	23.1
				85/71	62.0	49.8	69.7	2.5	25.0
	24.0	29.8	12.9	75/63	54.5	46.6	61.9	2.5	22.0
				80/67	58.6	48.1	66.0	2.4	24.0
				85/71	62.1	49.9	69.8	2.4	25.8
80	9.0	5.2	2.2	75/63	49.7	44.5	59.2	3.2	15.5
				80/67	52.8	46.3	62.6	3.2	16.6
				85/71	56.1	47.8	66.2	3.2	17.6
	13.5	10.5	4.6	75/63	50.7	45.0	59.7	3.0	16.8
				80/67	54.7	46.5	63.6	3.0	18.3
				85/71	57.6	48.3	67.0	3.0	19.4
	18.0	17.4	7.5	75/63	51.2	45.4	59.9	2.9	17.5
				80/67	55.5	46.5	64.2	2.9	19.2
				85/71	57.5	48.3	66.9	2.9	20.1
	24.0	28.9	12.5	75/63	51.9	45.4	60.3	2.9	18.2
				80/67	55.4	47.3	64.0	2.8	19.7
				85/71	60.5	47.8	68.9	2.8	21.7

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	9.0	5.0	2.2	75/63	47.1	43.6	58.0	3.7	12.9
				80/67	50.6	45.0	61.5	3.6	13.9
				85/71	53.1	46.7	64.6	3.6	14.6
	13.5	10.2	4.4	75/63	48.2	43.9	58.5	3.5	14.0
				80/67	52.0	45.3	62.2	3.4	15.2
				85/71	58.3	41.9	67.6	3.4	17.1
	18.0	16.9	7.3	75/63	48.8	44.2	58.7	3.4	14.6
				80/67	52.2	46.1	62.2	3.3	15.8
				85/71	55.3	47.5	65.7	3.3	16.8
	24.0	28.0	12.1	75/63	49.2	44.3	58.9	3.3	15.0
				80/67	53.1	45.8	62.8	3.2	16.4
				85/71	55.5	47.6	65.8	3.2	17.4
100	9.0	4.9	2.1	75/63	44.6	42.6	57.0	4.2	10.7
				80/67	47.8	44.2	60.3	4.2	11.5
				85/71	50.8	46.0	63.6	4.1	12.3
	13.5	9.9	4.3	75/63	45.6	42.9	57.4	3.9	11.6
				80/67	49.1	44.3	60.8	3.9	12.5
				85/71	52.7	46.0	64.5	3.9	13.5
	18.0	16.4	7.1	75/63	46.2	43.1	57.6	3.8	12.0
				80/67	49.8	44.7	61.1	3.8	13.1
				85/71	52.9	46.7	64.6	3.8	14.0
	24.0	27.3	11.8	75/63	46.7	43.2	57.8	3.8	12.4
				80/67	50.2	45.0	61.3	3.7	13.5
				85/71	56.5	41.5	66.7	3.7	15.4
110	9.0	4.7	2.1	75/63	42.1	41.5	56.1	4.7	8.9
				80/67	45.3	42.8	59.4	4.7	9.6
				85/71	48.6	44.3	62.8	4.7	10.3
	13.5	9.6	4.2	75/63	43.1	41.7	56.5	4.5	9.6
				80/67	46.5	43.2	59.9	4.5	10.4
				85/71	49.9	44.7	63.3	4.5	11.2
	18.0	16.0	6.9	75/63	43.5	42.0	56.6	4.4	9.9
				80/67	47.0	43.6	60.0	4.4	10.8
				85/71	50.5	45.1	63.5	4.3	11.7
	24.0	26.6	11.5	75/63	44.0	42.1	56.8	4.3	10.2
				80/67	47.5	43.5	60.2	4.3	11.1
				85/71	51.2	44.9	63.9	4.2	12.1

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
GZA072 WITH FE5***D60L* / FT5***D60L* COOLING PERFORMANCE - PART LOAD @ 1400 CFM									
50	9.0	5.8	2.5	75/63	53.9	40.1	59.2	1.8	29.2
				80/67	57.8	41.2	63.1	1.8	31.6
				85/71	62.1	41.6	67.5	1.8	34.1
	13.5	11.8	5.1	75/63	55.1	40.5	60.1	1.7	31.8
				80/67	59.1	41.4	64.2	1.7	34.5
				85/71	63.3	42.3	68.3	1.7	37.4
	18.0	19.4	8.4	75/63	55.6	40.7	60.5	1.7	33.0
				80/67	59.7	41.6	64.5	1.7	35.9
				85/71	64.0	42.3	68.8	1.6	39.1
	24.0	32.1	13.9	75/63	55.9	40.9	60.7	1.6	34.0
				80/67	60.1	41.7	64.8	1.6	37.0
				85/71	64.4	42.5	69.1	1.6	40.3
60	9.0	5.6	2.4	75/63	51.9	39.1	57.9	2.1	24.8
				80/67	55.6	40.2	61.6	2.1	26.8
				85/71	59.8	40.8	65.9	2.1	28.9
	13.5	11.3	4.9	75/63	52.9	39.5	58.6	2.0	26.9
				80/67	56.9	40.4	62.6	2.0	29.2
				85/71	61.0	41.4	66.7	1.9	31.6
	18.0	18.6	8.1	75/63	53.4	39.7	58.9	1.9	27.9
				80/67	57.5	40.6	63.0	1.9	30.4
				85/71	61.7	41.4	67.2	1.9	33.0
	24.0	30.8	13.4	75/63	53.8	39.9	59.2	1.9	28.7
				80/67	57.8	40.8	63.2	1.8	31.3
				85/71	62.1	41.6	67.4	1.8	34.1
70	9.0	5.4	2.3	75/63	49.8	38.1	56.6	2.4	21.0
				80/67	53.4	39.1	60.3	2.4	22.6
				85/71	57.4	39.8	64.3	2.4	24.3
	13.5	10.9	4.7	75/63	50.8	38.6	57.2	2.2	22.7
				80/67	54.5	39.8	60.9	2.2	24.5
				85/71	58.7	40.3	65.1	2.2	26.6
	18.0	18.0	7.8	75/63	51.2	38.8	57.5	2.2	23.5
				80/67	55.2	39.7	61.4	2.2	25.6
				85/71	59.2	40.7	65.5	2.1	27.8
	24.0	29.8	12.9	75/63	51.6	38.8	57.8	2.1	24.1
				80/67	55.5	40.0	61.6	2.1	26.4
				85/71	59.7	40.6	65.8	2.1	28.6
80	9.0	5.2	2.2	75/63	47.5	37.2	55.3	2.7	17.6
				80/67	51.1	38.2	59.0	2.7	19.0
				85/71	54.9	38.9	62.8	2.7	20.5
	13.5	10.5	4.6	75/63	48.5	37.6	55.9	2.6	19.0
				80/67	52.2	38.6	59.6	2.5	20.6
				85/71	56.1	39.5	63.5	2.5	22.3
	18.0	17.4	7.5	75/63	49.0	37.8	56.1	2.5	19.7
				80/67	52.7	39.0	59.8	2.5	21.4
				85/71	56.8	39.6	63.9	2.4	23.2
	24.0	28.9	12.5	75/63	49.3	38.0	56.3	2.4	20.2
				80/67	53.1	39.2	60.0	2.4	22.1
				85/71	57.2	39.7	64.2	2.4	23.9

Cooling Performance (Continued)

Entering FluidTemp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (db/wb) °F	Total Capacity (kBTUH)	Sensible Capacity (kBTUH)	Heat of Rejection (kBTUH)	Power Input (kW)	EER
90	9.0	5.0	2.2	75/63	45.3	36.1	54.1	3.1	14.8
				80/67	48.7	37.2	57.6	3.1	15.9
				85/71	52.3	38.2	61.3	3.1	17.1
	13.5	10.2	4.4	75/63	46.2	36.5	54.6	2.9	15.8
				80/67	49.7	37.6	58.1	2.9	17.2
				85/71	53.6	38.5	62.0	2.9	18.6
	18.0	16.9	7.3	75/63	46.6	36.7	54.8	2.8	16.4
				80/67	50.3	37.8	58.5	2.8	17.9
				85/71	54.1	38.8	62.3	2.8	19.4
	24.0	28.0	12.1	75/63	47.0	36.9	55.0	2.8	16.8
				80/67	50.7	37.9	58.7	2.8	18.3
				85/71	54.5	39.0	62.5	2.7	20.0
100	9.0	4.9	2.1	75/63	42.9	35.2	53.0	3.5	12.3
				80/67	46.2	36.2	56.3	3.5	13.3
				85/71	49.7	37.2	59.9	3.5	14.3
	13.5	9.9	4.3	75/63	43.8	35.4	53.4	3.3	13.1
				80/67	47.3	36.5	56.9	3.3	14.3
				85/71	51.0	37.3	60.6	3.3	15.5
	18.0	16.4	7.1	75/63	44.2	35.6	53.6	3.3	13.6
				80/67	47.7	36.7	57.1	3.2	14.8
				85/71	51.5	37.6	60.9	3.2	16.1
	24.0	27.3	11.8	75/63	44.5	35.8	53.7	3.2	13.9
				80/67	48.0	37.1	57.1	3.2	15.2
				85/71	51.9	37.8	61.1	3.1	16.5
110	9.0	4.7	2.1	75/63	40.6	34.2	52.0	3.9	10.3
				80/67	43.8	35.2	55.3	3.9	11.1
				85/71	47.1	36.2	58.7	4.0	11.9
	13.5	9.6	4.2	75/63	41.4	34.5	52.3	3.8	10.9
				80/67	44.6	35.9	55.6	3.8	11.8
				85/71	48.2	36.5	59.2	3.8	12.8
	18.0	16.0	6.9	75/63	41.8	34.6	52.5	3.7	11.3
				80/67	45.2	35.7	55.9	3.7	12.2
				85/71	48.7	36.8	59.4	3.7	13.3
	24.0	26.6	11.5	75/63	42.0	34.7	52.6	3.7	11.5
				80/67	45.5	35.8	56.0	3.6	12.5
				85/71	49.2	36.7	59.7	3.6	13.6

Heating Performance

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA024 WITH CAA**2414AM* HEATING PERFORMANCE - FULL LOAD @ 1050 CFM								
30	3	3.0	1.3	60	15.4	12.1	1.2	3.81
				70	15.4	11.6	1.3	3.38
				80	15.2	11.0	1.5	2.98
	4.5	5.9	2.6	60	17.3	13.8	1.2	4.13
				70	17.1	13.2	1.4	3.65
				80	16.9	12.5	1.5	3.23
	6	9.7	4.2	60	18.2	14.7	1.2	4.28
				70	17.9	13.9	1.4	3.77
				80	17.7	13.1	1.6	3.34
	8	15.9	6.9	60	18.8	15.2	1.3	4.37
				70	18.4	14.4	1.4	3.83
				80	18.1	13.5	1.6	3.39
40	3	2.8	1.2	60	17.7	14.2	1.2	4.19
				70	17.6	13.6	1.4	3.71
				80	17.5	12.9	1.6	3.3
	4.5	5.7	2.5	60	19.9	16.2	1.3	4.54
				70	19.6	15.5	1.4	4.01
				80	19.5	14.8	1.6	3.56
	6	9.3	4.0	60	21.1	17.3	1.3	4.71
				70	20.7	16.5	1.5	4.16
				80	20.4	15.6	1.6	3.69
	8	15.2	6.6	60	21.8	17.9	1.3	4.82
				70	21.3	17.0	1.5	4.24
				80	20.9	15.9	1.6	3.76
50	3	2.7	1.2	60	20.1	16.3	1.3	4.57
				70	19.8	15.7	1.4	4.03
				80	19.8	15.0	1.6	3.61
	4.5	5.4	2.3	60	22.7	18.8	1.3	4.95
				70	22.4	18.0	1.5	4.4
				80	22.0	17.2	1.7	3.9
	6	8.8	3.8	60	24.1	20.1	1.4	5.16
				70	23.7	19.2	1.5	4.57
				80	23.3	18.3	1.7	4.05
	8	14.5	6.3	60	25.0	21.0	1.4	5.29
				70	24.5	20.0	1.5	4.67
				80	24.0	18.8	1.7	4.13
60	3	2.6	1.1	60	22.5	18.6	1.3	4.93
				70	22.4	18.0	1.5	4.39
				80	22.1	17.2	1.7	3.91
	4.5	5.2	2.2	60	25.6	21.6	1.4	5.38
				70	25.3	20.7	1.6	4.77
				80	24.9	19.8	1.7	4.24
	6	8.5	3.7	60	27.2	23.1	1.4	5.61
				70	26.8	22.1	1.6	4.95
				80	26.3	21.1	1.8	4.39
	8	13.9	6.0	60	28.3	24.1	1.4	5.75
				70	27.8	23.0	1.6	5.07
				80	27.2	21.8	1.8	4.49

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	3	2.5	1.1	60	25.1	21.1	1.4	5.31
				70	24.9	20.4	1.5	4.73
				80	24.7	19.6	1.7	4.21
	4.5	5.0	2.1	60	28.7	24.5	1.4	5.8
				70	28.3	23.5	1.6	5.13
				80	27.8	22.5	1.8	4.55
	6	8.1	3.5	60	30.5	26.2	1.5	6.02
				70	30.0	25.1	1.7	5.32
				80	29.5	24.0	1.8	4.71
	8	13.4	5.8	60	31.8	27.4	1.5	6.18
				70	31.2	26.2	1.7	5.44
				80	30.4	25.2	1.9	4.79
80	3	2.4	1.0	60	27.8	23.7	1.4	5.69
				70	27.6	22.9	1.6	5.05
				80	27.3	22.0	1.8	4.49
	4.5	4.8	2.1	60	31.8	27.5	1.5	6.18
				70	31.4	26.4	1.7	5.46
				80	30.9	25.3	1.9	4.84
	6	7.9	3.4	60	33.9	29.4	1.6	6.41
				70	33.2	28.2	1.7	5.65
				80	32.8	27.2	1.9	5
	8	12.9	5.6	60	35.5	30.8	1.6	6.56
				70	34.6	29.3	1.8	5.78
				80	34.0	28.0	2.0	5.1
90	3	2.3	1.0	60	30.6	26.3	1.5	6.04
				70	30.3	25.4	1.7	5.35
				80	30.0	24.5	1.8	4.76
	4.5	4.6	2.0	60	35.1	30.5	1.6	6.53
				70	34.5	29.3	1.8	5.76
				80	34.1	28.3	2.0	5.11
	6	7.6	3.3	60	37.4	32.7	1.6	6.75
				70	36.6	31.3	1.8	*
				80	36.0	30.1	2.0	*
	8	12.5	5.4	60	39.1	34.2	1.7	*
				70	38.2	32.7	1.8	*
				80	37.4	31.6	2.1	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA024 WITH CAA**2414AM* HEATING PERFORMANCE - PART LOAD @ 840 CFM								
30	3	3.0	1.3	60	31.7	25.3	2.1	4.35
				70	32.2	24.9	2.4	3.94
				80	31.5	22.8	2.6	3.48
	4.5	5.9	2.6	60	34.2	26.5	2.2	4.59
				70	34.1	26.5	2.5	4.08
				80	33.6	25.3	2.7	3.62
	6	9.7	4.2	60	35.6	28.5	2.2	4.69
				70	35.2	27.6	2.5	4.16
				80	34.7	26.3	2.8	3.69
	8	15.9	6.9	60	36.6	29.7	2.3	4.76
				70	36.1	28.4	2.5	4.22
				80	35.5	27.1	2.8	3.75
40	3	2.8	1.2	60	36.2	29.6	2.2	4.73
				70	35.9	28.2	2.5	4.2
				80	35.2	26.7	2.8	3.72
	4.5	5.7	2.5	60	39.3	32.4	2.3	4.96
				70	37.7	29.1	2.5	4.34
				80	36.8	29.1	2.8	3.82
	6	9.3	4.0	60	40.6	33.1	2.3	5.07
				70	39.6	31.8	2.6	4.47
				80	39.5	30.8	2.9	4.01
	8	15.2	6.6	60	41.5	34.0	2.4	5.12
				70	41.1	33.3	2.6	4.56
				80	40.8	31.4	2.9	4.1
50	3	2.7	1.2	60	40.1	33.0	2.3	5.01
				70	40.4	32.5	2.6	4.52
				80	40.0	31.0	2.9	4.04
	4.5	5.4	2.3	60	43.4	36.3	2.4	5.24
				70	43.9	35.4	2.7	4.76
				80	42.1	32.8	3.0	4.17
	6	8.8	3.8	60	46.8	39.3	2.5	5.5
				70	44.9	36.7	2.7	4.81
				80	45.1	35.0	3.0	4.35
	8	14.5	6.3	60	47.1	39.7	2.5	5.5
				70	46.8	39.0	2.8	4.93
				80	46.0	36.5	3.1	4.38
60	3	2.6	1.1	60	45.5	38.1	2.5	5.38
				70	45.2	35.5	2.7	4.86
				80	45.2	35.5	3.0	4.36
	4.5	5.2	2.2	60	49.7	41.8	2.6	5.65
				70	48.3	40.1	2.8	4.99
				80	48.4	38.0	3.1	4.52
	6	8.5	3.7	60	51.0	43.2	2.6	5.71
				70	51.3	42.5	2.9	5.16
				80	50.3	40.0	3.2	4.61
	8	13.9	6.0	60	52.7	45.3	2.7	5.8
				70	53.0	43.2	2.9	5.27
				80	51.5	42.5	3.2	4.65

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	3	2.5	1.1	60	51.5	44.3	2.6	5.73
				70	51.0	41.9	2.9	5.15
				80	50.0	39.6	3.2	4.59
	4.5	5.0	2.1	60	55.4	47.1	2.7	5.94
				70	54.8	45.8	3.0	5.32
				80	54.8	43.5	3.3	4.82
	6	8.1	3.5	60	58.9	50.2	2.8	6.12
				70	56.5	45.8	3.1	5.41
				80	56.2	43.8	3.4	4.88
	8	13.4	5.8	60	60.7	51.0	2.9	6.2
				70	59.3	49.1	3.1	5.52
				80	56.7	46.0	3.4	4.86
80	3	2.4	1.0	60	57.5	49.1	2.8	6.04
				70	56.5	47.2	3.1	5.4
				80	55.8	45.0	3.4	4.84
	4.5	4.8	2.1	60	61.9	51.2	2.9	6.25
				70	60.4	50.9	3.2	5.54
				80	59.5	47.9	3.5	4.98
	6	7.9	3.4	60	65.7	55.9	3.0	6.37
				70	62.7	52.7	3.3	5.61
				80	61.7	50.7	3.6	5.04
	8	12.9	5.6	60	66.0	57.3	3.1	6.33
				70	64.6	54.1	3.3	5.68
				80	64.9	53.2	3.7	5.14
90	3	2.3	1.0	60	63.2	54.4	3.0	6.26
				70	62.3	52.0	3.2	5.62
				80	61.4	50.0	3.6	5.03
	4.5	4.6	2.0	60	68.0	56.3	3.1	6.44
				70	66.7	56.5	3.4	5.72
				80	65.6	53.9	3.7	5.15
	6	7.6	3.3	60	72.3	61.5	3.2	6.53
				70	69.4	58.8	3.5	5.8
				80	65.4	51.5	3.7	5.23
	8	12.5	5.4	60	73.1	63.4	3.3	*
				70	71.4	60.9	3.6	*
				80	71.8	59.3	4.0	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBtu/h)	Heat of Absorption (kBtu/h)	Power Input (kW)	COP
GZA024 WITH FE5***C36L* / FT5***C36L* HEATING PERFORMANCE - FULL LOAD @ 1050 CFM								
30	3	3.0	1.3	60	14.5	11.9	0.9	4.9
				70	14.3	11.4	1.0	4.28
				80	14.1	10.9	1.1	3.74
	4.5	5.8	2.5	60	16.3	13.7	0.9	5.4
				70	15.9	13.0	1.0	4.69
				80	15.6	12.2	1.1	4.07
	6	9.5	4.1	60	16.8	14.2	0.9	5.55
				70	16.4	13.4	1.0	4.8
				80	16.0	12.6	1.1	4.16
	8	15.5	6.7	60	17.2	14.7	0.9	5.64
				70	16.8	13.8	1.0	4.89
				80	16.3	13.0	1.1	4.24
40	3	2.8	1.2	60	16.6	14.0	0.9	5.5
				70	16.4	13.5	1.0	4.8
				80	16.2	12.9	1.1	4.22
	4.5	5.5	2.4	60	18.8	16.2	0.9	6.1
				70	18.5	15.4	1.0	5.29
				80	18.2	14.7	1.1	4.63
	6	9.0	3.9	60	19.7	17.0	0.9	6.32
				70	19.2	16.1	1.0	5.45
				80	18.6	15.3	1.2	4.71
	8	14.8	6.4	60	20.2	17.4	0.9	6.46
				70	19.7	16.6	1.0	5.57
				80	19.2	15.8	1.2	4.83
50	3	2.5	1.1	60	19.0	16.3	0.9	6.13
				70	18.7	15.7	1.0	5.35
				80	18.4	15.0	1.2	4.68
	4.5	5.3	2.3	60	21.6	18.9	0.9	6.81
				70	21.2	18.1	1.0	5.91
				80	20.8	17.3	1.2	5.16
	6	8.8	3.8	60	22.7	19.8	0.9	7.1
				70	22.2	19.0	1.1	6.15
				80	21.7	18.0	1.2	5.34
	8	14.3	6.2	60	23.4	20.7	0.9	7.26
				70	22.8	19.6	1.1	6.27
				80	22.2	18.5	1.2	5.43
60	3	2.5	1.1	60	21.4	18.7	0.9	6.77
				70	21.1	18.0	1.0	5.9
				80	20.9	17.3	1.2	5.17
	4.5	5.1	2.2	60	24.5	21.7	1.0	7.55
				70	24.0	20.8	1.1	6.54
				80	23.6	19.9	1.2	5.7
	6	8.3	3.6	60	26.0	22.9	1.0	7.9
				70	25.3	21.9	1.1	6.8
				80	24.7	20.9	1.2	5.9
	8	13.6	5.9	60	26.8	23.9	1.0	8.1
				70	26.1	22.8	1.1	6.96
				80	25.4	21.6	1.2	6.03

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBtu/h)	Heat of Absorption (kBtu/h)	Power Input (kW)	COP
70	3	2.5	1.1	60	24.0	21.2	0.9	7.42
				70	23.7	20.4	1.1	6.45
				80	23.3	19.7	1.2	5.65
	4.5	4.8	2.1	60	27.6	24.7	1.0	8.28
				70	27.0	23.7	1.1	7.16
				80	26.5	22.8	1.2	6.25
	6	8.1	3.5	60	29.4	26.2	1.0	8.7
				70	28.6	25.1	1.1	7.47
				80	27.9	24.1	1.3	6.51
	8	13.1	5.7	60	30.3	27.3	1.0	8.92
				70	29.5	26.1	1.1	7.68
				80	28.8	24.9	1.3	6.68
80	3	2.3	1.0	60	26.7	23.8	1.0	8.07
				70	26.3	23.0	1.1	7.01
				80	25.9	22.2	1.2	6.14
	4.5	4.6	2.0	60	30.7	27.8	1.0	9.01
				70	30.2	26.8	1.1	7.82
				80	29.6	25.7	1.3	6.83
	6	7.6	3.3	60	32.8	29.7	1.0	9.52
				70	32.0	28.4	1.1	8.22
				80	31.3	27.3	1.3	7.13
	8	12.7	5.5	60	34.0	30.9	1.0	9.79
				70	33.2	29.6	1.2	8.44
				80	32.3	28.3	1.3	7.32
90	3	2.3	1.0	60	29.5	26.5	1.0	8.72
				70	29.0	25.7	1.1	7.57
				80	28.6	24.8	1.3	6.65
	4.5	4.6	2.0	60	34.0	31.0	1.0	9.8
				70	33.4	30.0	1.2	8.5
				80	32.8	28.9	1.3	7.4
	6	7.4	3.2	60	36.4	33.4	1.0	10.38
				70	35.6	31.9	1.2	8.95
				80	34.8	30.6	1.3	*
	8	12.2	5.3	60	37.8	34.7	1.0	*
				70	36.9	33.3	1.2	*
				80	36.0	31.9	1.3	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBtu/h)	Heat of Absorption (kBtu/h)	Power Input (kW)	COP
GZA024 WITH FE5***C36L* / FT5***C36L* HEATING PERFORMANCE - PART LOAD @ 840 CFM								
30	3	3.0	1.3	60	11.9	10.0	0.7	5.14
				70	11.2	9.1	0.8	4.31
				80	10.4	8.0	0.9	3.57
	4.5	5.8	2.5	60	13.0	11.0	0.7	5.64
				70	12.2	10.1	0.8	4.71
				80	11.4	9.0	0.9	3.91
	6	9.5	4.1	60	13.5	11.5	0.7	5.88
				70	12.7	10.6	0.8	4.91
				80	11.9	9.5	0.9	4.07
	8	15.5	6.7	60	13.8	11.9	0.7	6.03
				70	12.9	10.8	0.8	4.99
				80	12.2	9.7	0.9	4.17
40	3	2.8	1.2	60	13.4	11.4	0.7	5.83
				70	12.7	10.6	0.8	4.91
				80	12.1	9.7	0.9	4.14
	4.5	5.5	2.4	60	14.7	12.8	0.7	6.47
				70	14.0	11.9	0.8	5.43
				80	13.4	10.9	0.9	4.56
	6	9.0	3.9	60	15.4	13.6	0.7	6.81
				70	14.7	12.5	0.8	5.7
				80	14.0	11.5	0.9	4.76
	8	14.8	6.4	60	15.9	13.9	0.7	7.03
				70	15.0	12.8	0.8	5.82
				80	14.3	11.8	0.9	4.88
50	3	2.5	1.1	60	15.1	13.2	0.7	6.64
				70	14.4	12.3	0.8	5.59
				80	13.9	11.4	0.9	4.72
	4.5	5.3	2.3	60	16.7	14.9	0.7	7.44
				70	16.0	13.8	0.8	6.23
				80	15.4	12.9	0.9	5.24
	6	8.8	3.8	60	17.5	15.7	0.7	7.84
				70	16.8	14.6	0.8	6.55
				80	16.1	13.7	0.9	5.49
	8	14.3	6.2	60	18.1	16.2	0.7	8.14
				70	17.3	15.0	0.8	6.75
				80	16.6	14.0	0.9	5.66
60	3	2.5	1.1	60	16.9	15.0	0.7	7.52
				70	16.3	14.1	0.8	6.34
				80	15.7	13.3	0.9	5.36
	4.5	5.1	2.2	60	18.8	16.9	0.6	8.52
				70	18.2	16.0	0.7	7.1
				80	17.5	15.1	0.9	5.97
	6	8.3	3.6	60	19.8	18.0	0.6	8.99
				70	19.1	16.9	0.7	7.47
				80	18.4	15.9	0.9	6.27
	8	13.6	5.9	60	20.5	18.7	0.6	9.35
				70	19.8	17.4	0.7	7.75
				80	19.0	16.4	0.9	6.47

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	3	2.5	1.1	60	18.8	16.9	0.6	8.5
				70	18.2	16.0	0.7	7.13
				80	17.7	15.2	0.9	6.04
	4.5	4.8	2.1	60	21.1	19.2	0.6	9.62
				70	20.4	18.2	0.7	8.02
				80	19.8	17.3	0.9	6.74
	6	8.1	3.5	60	22.2	20.3	0.6	10.2
				70	21.5	19.3	0.7	8.45
				80	20.8	18.3	0.9	7.09
	8	13.1	5.7	60	23.1	21.2	0.6	10.63
				70	22.3	20.0	0.7	8.78
				80	21.5	18.9	0.9	7.33
80	3	2.3	1.0	60	20.8	19.0	0.6	9.51
				70	20.3	18.1	0.7	7.96
				80	19.8	17.2	0.9	6.73
	4.5	4.6	2.0	60	23.4	21.6	0.6	10.8
				70	22.8	20.6	0.7	8.97
				80	22.1	19.6	0.9	7.5
	6	7.6	3.3	60	24.7	22.9	0.6	11.45
				70	24.0	21.8	0.7	9.47
				80	23.3	20.8	0.9	7.95
	8	12.7	5.5	60	25.7	23.9	0.6	11.95
				70	24.9	22.8	0.7	9.83
				80	24.2	21.5	0.9	8.26
90	3	2.3	1.0	60	23.0	21.3	0.6	10.59
				70	22.4	20.3	0.7	8.81
				80	21.9	19.3	0.9	7.45
	4.5	4.6	2.0	60	25.9	24.4	0.6	12.03
				70	25.2	23.0	0.7	9.94
				80	24.5	22.0	0.9	8.4
	6	7.4	3.2	60	27.4	25.6	0.6	*
				70	26.6	24.4	0.7	*
				80	25.8	23.3	0.9	*
	8	12.2	5.3	60	28.5	26.7	0.6	*
				70	27.6	25.5	0.7	*
				80	26.8	24.3	0.9	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA036 WITH CAA**3617AM* HEATING PERFORMANCE - FULL LOAD @ 1050 CFM								
30	4.5	2.5	1.1	60	25.1	19.2	2.0	3.7
				70	25.0	18.3	2.2	3.3
				80	24.8	17.3	2.5	2.94
	6.8	5.0	2.1	60	26.6	20.6	2.0	3.85
				70	26.3	19.7	2.3	3.41
				80	26.0	18.6	2.5	3.03
	9	8.2	3.6	60	27.4	21.2	2.0	3.92
				70	27.3	20.3	2.3	3.5
				80	27.3	19.7	2.6	3.13
	12	13.4	5.8	60	28.0	21.9	2.1	3.98
				70	28.2	21.5	2.3	3.57
				80	28.1	20.4	2.6	3.19
40	4.5	2.4	1.0	60	28.5	22.3	2.1	4.02
				70	28.2	21.2	2.3	3.57
				80	28.1	20.2	2.6	3.19
	6.8	4.8	2.1	60	30.6	24.1	2.1	4.2
				70	30.0	22.9	2.4	3.72
				80	29.7	22.0	2.6	3.31
	9	7.8	3.4	60	31.5	25.0	2.2	4.28
				70	30.9	23.9	2.4	3.78
				80	30.9	22.5	2.6	3.43
	12	12.8	5.6	60	32.3	25.7	2.2	4.35
				70	31.6	24.4	2.4	3.85
				80	31.8	23.7	2.7	3.48
50	4.5	2.3	1.0	60	32.2	25.6	2.2	4.34
				70	31.9	24.5	2.4	3.88
				80	31.7	23.5	2.7	3.48
	6.8	4.6	2.0	60	34.8	28.0	2.2	4.56
				70	34.2	26.7	2.5	4.06
				80	33.7	25.4	2.7	3.63
	9	7.5	3.2	60	36.0	29.1	2.3	4.66
				70	35.2	27.7	2.5	4.15
				80	34.7	26.6	2.8	3.7
	12	12.2	5.3	60	36.9	30.0	2.3	4.74
				70	36.1	28.7	2.5	4.22
				80	35.6	26.8	2.8	3.77
60	4.5	2.2	0.9	60	36.1	29.2	2.3	4.67
				70	35.7	28.0	2.5	4.19
				80	35.5	26.9	2.8	3.76
	6.8	4.4	1.9	60	39.2	32.2	2.3	4.93
				70	38.5	30.6	2.6	4.4
				80	38.0	29.3	2.8	3.93
	9	7.1	3.1	60	40.7	33.5	2.4	5.05
				70	39.8	31.7	2.6	4.5
				80	39.2	30.4	2.9	4.01
	12	11.7	5.1	60	41.8	34.6	2.4	5.14
				70	40.9	32.9	2.6	4.58
				80	40.2	31.4	2.9	4.07

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	4.5	2.1	0.9	60	40.2	33.0	2.3	5.01
				70	39.7	31.7	2.6	4.49
				80	39.4	30.5	2.9	4.03
	6.8	4.2	1.8	60	43.7	36.4	2.4	5.29
				70	43.0	34.9	2.7	4.73
				80	42.4	33.3	2.9	4.22
	9	6.9	3.0	60	45.4	37.9	2.5	5.42
				70	44.5	36.3	2.7	4.83
				80	43.9	34.4	3.0	4.31
	12	11.3	4.9	60	46.7	39.2	2.5	5.52
				70	45.7	37.8	2.7	4.9
				80	45.0	35.8	3.0	4.38
80	4.5	2.0	0.9	60	44.3	36.9	2.4	5.34
				70	43.8	35.6	2.7	4.78
				80	43.4	34.3	3.0	4.28
	6.8	4.0	1.7	60	48.4	40.9	2.5	5.63
				70	47.6	39.2	2.8	5.04
				80	46.9	37.5	3.1	4.5
	9	6.6	2.9	60	50.4	42.6	2.6	5.78
				70	49.4	40.8	2.8	5.15
				80	48.6	39.0	3.1	4.59
	12	10.9	4.7	60	51.9	44.1	2.6	5.88
				70	50.8	42.3	2.8	5.24
				80	49.9	40.4	3.1	4.67
90	4.5	1.9	0.8	60	48.2	40.5	2.5	5.62
				70	47.7	39.2	2.8	5.04
				80	47.2	37.8	3.1	4.51
	6.8	3.9	1.7	60	52.8	45.1	2.6	5.94
				70	51.9	43.3	2.9	5.3
				80	51.1	41.4	3.2	4.74
	9	6.4	2.8	60	55.0	46.9	2.6	*
				70	53.9	45.0	2.9	*
				80	52.7	43.0	3.2	*
	12	10.6	4.6	60	56.7	48.6	2.7	*
				70	55.5	46.6	2.9	*
				80	54.2	44.3	3.2	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA036 WITH CAA**3617AM* HEATING PERFORMANCE - PART LOAD @ 840 CFM								
30	4.5	2.5	1.1	60	19.6	15.4	1.4	3.97
				70	18.8	14.0	1.6	3.39
				80	17.9	12.6	1.8	2.87
	6.8	5.0	2.1	60	20.6	16.4	1.5	4.16
				70	19.8	14.9	1.6	3.55
				80	18.9	13.4	1.8	3.02
	9	8.2	3.6	60	21.0	16.8	1.5	4.24
				70	20.1	15.3	1.6	3.61
				80	19.2	13.8	1.8	3.06
	12	13.4	5.8	60	21.3	17.1	1.5	4.3
				70	20.4	15.7	1.6	3.64
				80	19.4	14.2	1.8	3.09
40	4.5	2.4	1.0	60	22.0	17.7	1.5	4.43
				70	21.3	16.4	1.6	3.79
				80	20.6	15.1	1.9	3.26
	6.8	4.8	2.1	60	23.3	19.0	1.5	4.68
				70	22.7	17.6	1.7	4.01
				80	21.8	16.2	1.9	3.43
	9	7.8	3.4	60	23.8	19.6	1.5	4.77
				70	23.0	18.1	1.7	4.08
				80	22.2	16.9	1.9	3.49
	12	12.8	5.6	60	24.3	20.0	1.5	4.86
				70	23.4	18.7	1.7	4.14
				80	22.7	17.0	1.9	3.55
50	4.5	2.3	1.0	60	24.6	20.3	1.5	4.92
				70	24.0	19.1	1.7	4.24
				80	23.4	17.9	1.9	3.64
	6.8	4.6	2.0	60	26.4	22.0	1.5	5.24
				70	25.7	20.7	1.7	4.5
				80	25.1	19.3	1.9	3.87
	9	7.5	3.2	60	27.1	22.8	1.5	5.36
				70	26.3	21.3	1.7	4.58
				80	25.7	19.9	1.9	3.95
	12	12.2	5.3	60	27.6	23.4	1.5	5.46
				70	26.8	21.9	1.7	4.66
				80	26.2	20.3	1.9	4.03
60	4.5	2.2	0.9	60	27.6	23.2	1.5	5.45
				70	26.9	21.9	1.7	4.68
				80	26.5	20.8	1.9	4.07
	6.8	4.4	1.9	60	29.7	25.3	1.5	5.81
				70	29.0	23.9	1.7	5
				80	28.5	22.6	1.9	4.35
	9	7.1	3.1	60	30.6	26.2	1.5	5.94
				70	29.8	24.8	1.7	5.12
				80	29.1	23.4	1.9	4.43
	12	11.7	5.1	60	31.3	27.0	1.5	6.07
				70	30.4	25.5	1.7	5.22
				80	29.7	24.1	1.9	4.51

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBtu/h)	Heat of Absorption (kBtu/h)	Power Input (kW)	COP
70	4.5	2.1	0.9	60	30.7	26.3	1.5	5.97
				70	30.1	25.1	1.7	5.18
				80	29.7	23.9	1.9	4.51
	6.8	4.2	1.8	60	33.3	28.8	1.5	6.41
				70	32.5	27.4	1.7	5.53
				80	32.0	26.1	1.9	4.81
	9	6.9	3.0	60	34.4	29.9	1.5	6.59
				70	33.5	28.4	1.7	5.67
				80	32.8	27.0	2.0	4.91
	12	11.3	4.9	60	35.2	30.9	1.5	6.71
				70	34.3	29.2	1.7	5.78
				80	33.5	27.8	2.0	5
80	4.5	2.0	0.9	60	34.1	29.6	1.5	6.54
				70	33.5	28.3	1.7	5.67
				80	33.0	27.1	2.0	4.94
	6.8	4.0	1.7	60	36.9	32.3	1.5	6.98
				70	36.2	31.0	1.8	6.03
				80	35.5	29.6	2.0	5.24
	9	6.6	2.9	60	38.2	33.6	1.6	7.17
				70	37.3	32.1	1.8	6.17
				80	36.5	30.6	2.0	5.35
	12	10.9	4.7	60	39.2	34.6	1.6	7.28
				70	38.3	33.0	1.8	6.27
				80	37.4	31.4	2.0	5.44
90	4.5	1.9	0.8	60	37.1	32.6	1.5	7.01
				70	36.6	31.3	1.8	6.08
				80	36.0	30.0	2.0	5.3
	6.8	3.9	1.7	60	40.4	35.7	1.6	*
				70	39.6	34.2	1.8	*
				80	38.8	32.7	2.0	*
	9	6.4	2.8	60	41.9	37.1	1.6	*
				70	40.9	35.5	1.8	*
				80	40.0	33.8	2.1	*
	12	10.6	4.6	60	43.0	38.2	1.6	*
				70	41.9	36.5	1.9	*
				80	40.9	34.8	2.1	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA036 WITH FE5***C36L* / FT5***C36L* HEATING PERFORMANCE - FULL LOAD@ 1050 CFM								
30	4.5	2.5	1.1	60	24.7	19.7	1.6	4.5
				70	23.9	19.2	1.8	3.91
				80	23.6	17.9	2.0	3.46
	6.8	5.0	2.2	60	26.5	21.5	1.6	4.74
				70	26.0	20.5	1.8	4.17
				80	25.9	19.5	2.0	3.71
	9	8.2	3.5	60	27.5	22.6	1.7	4.86
				70	27.2	21.5	1.9	4.3
				80	26.8	20.4	2.1	3.8
	12	13.5	5.8	60	28.5	23.4	1.7	4.98
				70	28.0	22.2	1.9	4.39
				80	27.5	21.1	2.1	3.87
40	4.5	2.4	1.0	60	28.0	22.8	1.7	4.92
				70	27.8	22.0	1.9	4.37
				80	27.3	20.9	2.1	3.85
	6.8	4.8	2.1	60	30.3	25.1	1.7	5.2
				70	29.2	23.4	1.9	4.51
				80	28.8	22.1	2.1	4
	9	7.8	3.4	60	30.7	25.4	1.7	5.24
				70	31.2	25.3	1.9	4.72
				80	30.8	24.1	2.1	4.2
	12	12.8	5.6	60	32.5	27.4	1.8	5.44
				70	32.1	26.3	2.0	4.82
				80	31.8	25.0	2.2	4.3
50	4.5	2.3	1.0	60	31.8	26.4	1.7	5.36
				70	31.3	25.3	1.9	4.73
				80	30.9	24.3	2.2	4.22
	6.8	4.5	2.0	60	34.0	29.0	1.8	5.58
				70	34.1	27.9	2.0	5.05
				80	33.0	26.0	2.2	4.42
	9	7.4	3.2	60	35.1	29.9	1.8	5.7
				70	35.0	28.8	2.0	5.13
				80	35.0	27.6	2.2	4.62
	12	12.2	5.3	60	36.4	30.3	1.8	5.89
				70	36.5	29.9	2.0	5.3
				80	35.5	28.4	2.2	4.66
60	4.5	2.2	0.9	60	35.7	30.1	1.8	5.8
				70	35.2	29.0	2.0	5.16
				80	34.8	27.9	2.2	4.6
	6.8	4.3	1.9	60	38.6	33.1	1.8	6.11
				70	37.9	31.6	2.0	5.44
				80	37.2	30.1	2.3	4.82
	9	7.1	3.1	60	40.0	34.3	1.9	6.26
				70	39.3	33.1	2.1	5.56
				80	38.5	31.1	2.3	4.95
	12	11.7	5.1	60	41.2	35.2	1.9	6.4
				70	40.3	34.2	2.1	5.67
				80	40.6	33.5	2.3	5.14

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	4.5	2.1	0.9	60	39.8	34.1	1.9	6.26
				70	39.3	32.9	2.1	5.59
				80	38.8	31.6	2.3	4.97
	6.8	4.2	1.8	60	43.5	37.3	1.9	6.65
				70	42.6	35.7	2.1	5.91
				80	41.8	34.3	2.3	5.23
	9	6.9	3.0	60	45.0	39.1	1.9	6.79
				70	44.1	37.9	2.1	6.03
				80	43.3	35.9	2.4	5.36
	12	11.3	4.9	60	48.0	42.9	2.0	7.11
				70	46.2	39.2	2.2	6.23
				80	45.6	37.8	2.4	5.56
80	4.5	2.0	0.9	60	44.1	38.2	1.9	6.71
				70	43.5	36.9	2.1	5.99
				80	43.0	35.6	2.4	5.34
	6.8	4.0	1.7	60	48.3	42.3	2.0	7.12
				70	47.3	40.7	2.2	6.33
				80	46.6	38.5	2.4	5.65
	9	6.6	2.9	60	50.1	44.8	2.0	7.27
				70	49.2	42.3	2.2	6.49
				80	48.7	41.5	2.5	5.79
	12	10.9	4.7	60	51.9	45.7	2.0	7.46
				70	50.7	43.6	2.2	6.63
				80	49.7	41.9	2.5	5.89
90	4.5	1.9	0.8	60	48.6	42.5	2.0	7.16
				70	48.0	41.1	2.2	6.4
				80	47.4	39.7	2.4	5.71
	6.8	3.9	1.7	60	53.4	47.1	2.1	7.6
				70	52.4	45.0	2.3	6.79
				80	51.3	43.6	2.5	6.02
	9	6.4	2.8	60	55.8	48.6	2.1	7.85
				70	54.7	45.8	2.3	*
				80	54.1	46.3	2.5	*
	12	10.6	4.6	60	57.7	50.1	2.1	*
				70	56.3	48.1	2.3	*
				80	55.0	47.4	2.6	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBtu/h)	Heat of Absorption (kBtu/h)	Power Input (kW)	COP
GZA036 WITH FE5***C36L* / FT5***C36L* HEATING PERFORMANCE - PART LOAD @ 840 CFM								
30	4.5	2.5	1.1	60	18.9	15.2	1.2	4.46
				70	18.1	13.9	1.4	3.78
				80	17.2	12.6	1.6	3.2
	6.8	5.0	2.2	60	19.3	16.9	1.2	4.61
				70	18.7	14.9	1.4	3.89
				80	18.1	14.2	1.6	3.35
	9	8.2	3.5	60	20.1	16.2	1.2	4.72
				70	19.7	16.1	1.4	4.1
				80	18.7	14.0	1.6	3.46
	12	13.5	5.8	60	20.4	16.9	1.3	4.77
				70	20.0	16.4	1.4	4.14
				80	18.9	14.3	1.6	3.49
40	4.5	2.4	1.0	60	21.2	17.5	1.3	4.97
				70	20.6	16.3	1.4	4.27
				80	19.9	15.1	1.6	3.65
	6.8	4.8	2.1	60	22.6	18.3	1.3	5.28
				70	21.6	16.7	1.4	4.47
				80	20.8	16.1	1.6	3.8
	9	7.8	3.4	60	22.7	19.8	1.3	5.3
				70	22.1	17.5	1.4	4.56
				80	21.7	17.1	1.6	3.94
	12	12.8	5.6	60	23.5	19.8	1.3	5.49
				70	22.5	18.1	1.4	4.63
				80	21.7	16.7	1.6	3.94
50	4.5	2.3	1.0	60	24.1	20.5	1.3	5.6
				70	23.2	19.0	1.4	4.77
				80	22.6	17.8	1.6	4.1
	6.8	4.5	2.0	60	25.5	21.6	1.3	5.93
				70	24.8	19.8	1.4	5.07
				80	23.9	19.6	1.6	4.3
	9	7.4	3.2	60	26.3	21.8	1.3	6.09
				70	25.5	19.9	1.4	5.19
				80	24.6	20.5	1.6	4.41
	12	12.2	5.3	60	26.8	22.0	1.3	6.21
				70	26.1	22.1	1.4	5.3
				80	25.0	20.2	1.6	4.47
60	4.5	2.2	0.9	60	26.8	22.9	1.3	6.2
				70	26.2	21.8	1.4	5.31
				80	25.7	20.7	1.6	4.59
	6.8	4.3	1.9	60	28.8	25.2	1.3	6.59
				70	28.1	23.4	1.5	5.66
				80	27.6	21.9	1.6	4.9
	9	7.1	3.1	60	29.6	26.0	1.3	6.75
				70	29.0	24.0	1.5	5.81
				80	28.0	23.2	1.7	4.97
	12	11.7	5.1	60	30.4	26.2	1.3	6.9
				70	29.8	25.3	1.5	5.97
				80	28.7	23.9	1.7	5.07

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	4.5	2.1	0.9	60	29.9	26.0	1.3	6.83
				70	29.4	24.9	1.5	5.88
				80	28.9	23.8	1.7	5.1
	6.8	4.2	1.8	60	32.4	28.5	1.3	7.31
				70	31.7	27.0	1.5	6.28
				80	31.0	25.5	1.7	5.44
	9	6.9	3.0	60	33.4	29.2	1.3	7.53
				70	32.6	27.8	1.5	6.45
				80	31.6	27.8	1.7	5.5
	12	11.3	4.9	60	34.3	30.0	1.3	7.68
				70	33.3	29.2	1.5	6.54
				80	32.7	27.2	1.7	5.68
80	4.5	2.0	0.9	60	33.2	29.3	1.3	7.48
				70	32.7	28.1	1.5	6.45
				80	32.1	26.9	1.7	5.6
	6.8	4.0	1.7	60	36.0	32.3	1.3	7.98
				70	35.3	30.6	1.5	6.88
				80	34.6	29.0	1.7	5.95
	9	6.6	2.9	60	37.3	33.1	1.3	8.21
				70	36.5	31.5	1.5	7.04
				80	35.6	29.9	1.7	6.09
	12	10.9	4.7	60	38.3	33.9	1.3	8.36
				70	37.4	32.3	1.5	7.17
				80	36.4	30.7	1.7	6.19
90	4.5	1.9	0.8	60	36.7	32.6	1.3	8.09
				70	36.0	31.4	1.5	6.98
				80	35.4	30.1	1.7	6.06
	6.8	3.9	1.7	60	39.8	35.8	1.4	*
				70	39.0	34.4	1.6	*
				80	38.2	32.6	1.8	*
	9	6.4	2.8	60	41.3	36.9	1.4	*
				70	40.3	35.2	1.6	*
				80	39.4	33.5	1.8	*
	12	10.6	4.6	60	42.2	38.6	1.4	*
				70	41.4	36.0	1.6	*
				80	40.1	35.1	1.8	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA048 WITH CAA**4821AM* HEATING PERFORMANCE - FULL LOAD @ 1400 CFM								
30	6	3.5	1.5	60	36.3	28.5	2.6	4.06
				70	35.9	27.1	2.9	3.63
				80	35.6	25.6	3.2	3.26
	8	7.0	3.0	60	38.5	30.0	2.7	4.21
				70	37.6	29.1	3.0	3.73
				80	37.3	27.1	3.3	3.36
	12	11.4	5.0	60	39.6	30.2	2.7	4.29
				70	38.9	29.7	3.0	3.81
				80	39.1	28.3	3.3	3.45
	16	18.8	8.1	60	40.2	31.8	2.7	4.3
				70	39.6	29.9	3.0	3.85
				80	40.0	29.4	3.4	3.5
40	6	3.3	1.4	60	41.1	32.7	2.8	4.37
				70	40.7	31.5	3.1	3.91
				80	40.3	29.8	3.4	3.51
	8	6.7	2.9	60	43.6	35.1	2.8	4.51
				70	43.0	33.5	3.1	4.03
				80	42.4	31.7	3.4	3.61
	12	11.0	4.8	60	45.0	36.5	2.9	4.59
				70	44.6	34.6	3.2	4.12
				80	43.6	32.7	3.5	3.67
	16	18.1	7.9	60	46.4	37.4	2.9	4.67
				70	45.5	34.9	3.2	4.16
				80	44.6	33.6	3.5	3.71
50	6	3.2	1.4	60	46.3	37.4	2.9	4.66
				70	45.9	36.0	3.2	4.18
				80	45.4	34.3	3.6	3.74
	8	6.4	2.8	60	49.4	40.4	3.0	4.81
				70	48.7	38.7	3.3	4.3
				80	48.0	36.6	3.7	3.85
	12	10.6	4.6	60	51.3	41.8	3.1	4.9
				70	50.4	40.1	3.4	4.37
				80	49.5	38.0	3.7	3.91
	16	17.5	7.6	60	52.8	42.8	3.1	4.97
				70	51.9	41.1	3.4	4.44
				80	50.7	39.1	3.8	3.95
60	6	3.0	1.3	60	51.7	42.3	3.1	4.92
				70	51.3	40.7	3.4	4.41
				80	50.7	39.0	3.8	3.95
	8	6.2	2.7	60	55.6	45.8	3.2	5.08
				70	54.8	44.0	3.5	4.54
				80	53.8	41.8	3.9	4.06
	12	10.2	4.4	60	57.7	47.7	3.3	5.15
				70	56.7	46.0	3.6	4.6
				80	55.7	43.4	4.0	4.12
	16	16.8	7.3	60	59.4	49.4	3.3	5.21
				70	58.4	47.2	3.7	4.66
				80	57.3	44.5	4.0	4.17

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	6	2.9	1.3	60	57.4	47.4	3.3	5.14
				70	57.0	45.8	3.6	4.62
				80	56.4	43.9	4.0	4.14
	8	5.9	2.6	60	62.0	51.5	3.4	5.29
				70	61.1	49.6	3.8	4.73
				80	60.0	47.2	4.1	4.24
	12	9.8	4.3	60	64.5	53.9	3.5	5.35
				70	63.5	51.2	3.9	4.8
				80	62.2	49.0	4.2	4.29
	16	16.2	7.0	60	66.5	55.8	3.6	5.4
				70	65.2	53.6	4.0	4.83
				80	63.9	50.6	4.3	4.33
80	6	2.8	1.2	60	63.4	52.8	3.5	5.33
				70	62.9	50.9	3.8	4.79
				80	62.2	48.9	4.2	4.29
	8	5.7	2.5	60	68.7	57.5	3.7	5.45
				70	67.6	55.1	4.1	4.89
				80	66.4	52.6	4.4	4.38
	12	9.5	4.1	60	71.5	60.0	3.8	5.5
				70	70.3	57.6	4.2	4.93
				80	68.8	54.7	4.6	4.42
	16	15.7	6.8	60	73.8	62.2	3.9	5.53
				70	72.4	59.6	4.3	4.97
				80	70.7	56.6	4.7	4.45
90	6	2.7	1.2	60	69.6	58.2	3.7	5.47
				70	68.9	56.3	4.1	4.91
				80	68.1	54.1	4.5	4.41
	8	5.6	2.4	60	75.5	63.4	4.0	5.56
				70	74.3	61.0	4.4	5
				80	72.8	58.1	4.8	4.48
	12	9.2	4.0	60	78.6	66.2	4.1	5.59
				70	77.2	63.6	4.5	5.03
				80	75.3	60.6	4.9	*
	16	15.2	6.6	60	81.3	68.1	4.2	*
				70	79.7	65.1	4.6	*
				80	77.1	62.7	5.0	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBtu/h)	Heat of Absorption (kBtu/h)	Power Input (kW)	COP
GZA048 WITH CAA**4821AM* HEATING PERFORMANCE - PART LOAD @ 1120 CFM								
30	6	3.5	1.5	60	25.4	20.0	1.8	4.07
				70	24.6	18.6	2.1	3.51
				80	23.8	16.9	2.3	3.03
	8	7.0	3.0	60	26.6	21.2	1.8	4.25
				70	25.6	19.6	2.1	3.64
				80	24.9	17.7	2.3	3.15
	12	11.4	5.0	60	27.2	21.9	1.8	4.34
				70	26.2	20.2	2.1	3.71
				80	25.2	18.3	2.3	3.18
	16	18.8	8.1	60	27.8	22.2	1.8	4.43
				70	26.6	20.7	2.1	3.76
				80	25.6	18.7	2.3	3.23
40	6	3.3	1.4	60	29.3	23.8	1.9	4.64
				70	28.5	22.3	2.1	4
				80	27.7	20.6	2.3	3.46
	8	6.7	2.9	60	30.9	25.5	1.9	4.87
				70	29.9	23.7	2.1	4.17
				80	29.0	21.8	2.4	3.6
	12	11.0	4.8	60	31.8	26.4	1.9	4.98
				70	30.6	24.4	2.1	4.26
				80	29.5	22.1	2.4	3.66
	16	18.1	7.9	60	32.4	27.1	1.9	5.07
				70	31.2	25.2	2.1	4.33
				80	30.0	22.9	2.4	3.72
50	6	3.2	1.4	60	33.5	27.9	1.9	5.22
				70	32.6	26.2	2.1	4.5
				80	31.7	24.5	2.4	3.9
	8	6.4	2.8	60	35.6	30.0	1.9	5.5
				70	34.4	28.0	2.1	4.72
				80	33.3	26.0	2.4	4.07
	12	10.6	4.6	60	36.6	31.0	1.9	5.63
				70	35.4	29.0	2.1	4.83
				80	34.2	26.8	2.4	4.17
	16	17.5	7.6	60	37.5	31.9	1.9	5.74
				70	36.2	29.8	2.2	4.92
				80	34.9	27.5	2.4	4.24
60	6	3.0	1.3	60	37.9	32.2	1.9	5.8
				70	37.0	30.5	2.2	5.02
				80	36.0	28.6	2.4	4.36
	8	6.2	2.7	60	40.5	34.8	1.9	6.14
				70	39.3	32.7	2.2	5.28
				80	38.1	30.6	2.4	4.56
	12	10.2	4.4	60	41.8	36.1	1.9	6.3
				70	40.5	33.9	2.2	5.41
				80	39.1	31.7	2.5	4.66
	16	16.8	7.3	60	42.9	37.2	2.0	6.42
				70	41.5	34.9	2.2	5.51
				80	40.0	32.7	2.5	4.74

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	6	2.9	1.3	60	42.6	36.8	2.0	6.39
				70	41.6	34.9	2.2	5.53
				80	40.5	33.0	2.5	4.8
	8	5.9	2.6	60	45.7	39.8	2.0	6.73
				70	44.4	37.7	2.2	5.8
				80	43.0	35.4	2.5	5.02
	12	9.8	4.3	60	47.3	41.4	2.0	6.89
				70	45.9	39.1	2.3	5.94
				80	44.4	36.8	2.5	5.13
	16	16.2	7.0	60	48.6	42.6	2.0	7.01
				70	47.1	40.3	2.3	6.04
				80	45.4	37.9	2.6	5.21
80	6	2.8	1.2	60	47.5	41.5	2.0	6.91
				70	46.4	39.6	2.3	5.98
				80	45.3	37.5	2.5	5.21
	8	5.7	2.5	60	51.2	45.1	2.1	7.23
				70	49.8	42.8	2.3	6.25
				80	48.3	40.4	2.6	5.43
	12	9.5	4.1	60	53.0	46.8	2.1	7.37
				70	51.6	44.5	2.4	6.37
				80	49.9	42.0	2.6	5.53
	16	15.7	6.8	60	54.6	48.3	2.1	7.47
				70	53.0	45.9	2.4	6.46
				80	51.3	43.3	2.7	5.61
90	6	2.7	1.2	60	52.7	46.5	2.1	7.35
				70	51.7	44.5	2.4	6.38
				80	50.5	42.4	2.7	5.57
	8	5.6	2.4	60	57.1	50.6	2.2	*
				70	55.6	48.3	2.5	*
				80	54.1	45.8	2.7	*
	12	9.2	4.0	60	59.3	52.6	2.3	*
				70	57.7	50.2	2.5	*
				80	56.0	47.6	2.8	*
	16	15.2	6.6	60	61.1	54.4	2.3	*
				70	59.4	51.8	2.6	*
				80	57.6	49.1	2.9	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA048 WITH FE5***C48L* / FT5***C48L* HEATING PERFORMANCE - FULL LOAD @ 1400 CFM								
30	6	3.8	1.7	60	32.3	26.0	2.0	4.74
				70	32.4	25.3	2.3	4.22
				80	31.5	23.8	2.5	3.69
	9	7.6	3.3	60	34.7	29.2	2.0	4.97
				70	34.1	26.7	2.3	4.37
				80	33.9	26.0	2.6	3.89
	12	12.5	5.4	60	35.7	29.1	2.1	5.08
				70	35.4	28.4	2.3	4.48
				80	35.0	27.1	2.6	3.97
	16	20.6	8.9	60	37.0	30.4	2.1	5.2
				70	36.5	29.2	2.3	4.57
				80	35.9	27.9	2.6	4.04
40	6	3.6	1.6	60	36.5	29.8	2.1	5.16
				70	36.5	29.4	2.3	4.58
				80	35.7	27.5	2.6	4.04
	9	7.3	3.1	60	39.9	33.0	2.1	5.48
				70	38.8	31.8	2.4	4.77
				80	37.2	30.1	2.6	4.13
	12	11.9	5.2	60	40.0	33.3	2.1	5.47
				70	40.8	33.6	2.4	4.94
				80	40.1	31.7	2.7	4.37
	16	19.6	8.5	60	42.2	35.0	2.2	5.67
				70	41.3	34.0	2.4	4.96
				80	41.1	32.7	2.7	4.44
50	6	3.4	1.5	60	41.6	35.0	2.2	5.61
				70	40.6	32.9	2.4	4.92
				80	40.2	31.9	2.7	4.38
	9	6.9	3.0	60	44.6	37.7	2.2	5.86
				70	44.5	36.2	2.5	5.24
				80	43.3	35.5	2.8	4.59
	12	11.4	4.9	60	46.8	39.8	2.3	6.03
				70	46.1	38.4	2.5	5.36
				80	45.5	37.0	2.8	4.77
	16	18.8	8.1	60	48.6	42.1	2.3	6.17
				70	47.9	40.4	2.6	5.49
				80	45.7	36.9	2.8	4.77
60	6	3.3	1.4	60	47.0	40.1	2.3	6.04
				70	46.3	38.2	2.5	5.37
				80	45.3	37.7	2.8	4.73
	9	6.6	2.9	60	50.5	42.4	2.3	6.33
				70	49.3	41.5	2.6	5.58
				80	48.6	39.2	2.9	4.98
	12	10.9	4.7	60	52.1	44.2	2.4	6.43
				70	50.9	43.2	2.6	5.68
				80	49.9	41.8	2.9	5.03
	16	18.0	7.8	60	53.8	45.4	2.4	6.56
				70	52.5	44.6	2.7	5.79
				80	51.4	42.4	2.9	5.14

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBtUH)	Heat of Absorption (kBtUH)	Power Input (kW)	COP
70	6	3.2	1.4	60	52.5	45.4	2.4	6.45
				70	51.9	43.9	2.6	5.76
				80	51.0	42.0	2.9	5.12
	9	6.4	2.8	60	56.5	49.7	2.5	6.7
				70	56.6	47.6	2.7	6.08
				80	55.3	45.3	3.0	5.39
	12	10.5	4.6	60	59.2	50.2	2.5	6.92
				70	58.9	49.1	2.8	6.22
				80	56.4	47.4	3.0	5.42
	16	17.4	7.6	60	60.8	53.5	2.6	6.96
				70	59.5	50.7	2.8	6.22
				80	60.2	50.4	3.1	5.66
80	6	3.1	1.3	60	58.5	50.8	2.5	6.84
				70	57.6	49.2	2.8	6.11
				80	56.7	47.0	3.0	5.46
	9	6.2	2.7	60	63.5	55.3	2.6	7.14
				70	62.6	53.9	2.9	6.4
				80	61.8	50.5	3.2	5.74
	12	10.2	4.4	60	66.0	58.2	2.7	7.24
				70	64.8	54.6	2.9	6.51
				80	65.1	54.2	3.2	5.89
	16	16.8	7.3	60	68.1	58.0	2.7	7.36
				70	66.6	57.7	3.0	6.56
				80	65.0	55.1	3.3	5.84
90	6	3.0	1.3	60	64.5	56.4	2.6	7.17
				70	63.5	54.8	2.9	6.41
				80	62.6	53.2	3.2	5.74
	9	6.0	2.6	60	69.6	60.2	2.8	7.4
				70	68.5	59.4	3.0	6.63
				80	67.2	57.2	3.3	5.93
	12	9.9	4.3	60	72.8	65.2	2.9	7.48
				70	71.7	62.5	3.1	6.77
				80	70.0	59.5	3.4	6.05
	16	16.3	7.1	60	75.5	67.4	2.9	*
				70	74.0	64.5	3.2	*
				80	72.5	60.6	3.4	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA048 WITH FE5***C48L* / FT5***C48L* HEATING PERFORMANCE - PART LOAD @ 1120 CFM								
30	6	3.8	1.7	60	22.9	18.4	1.5	4.38
				70	22.1	17.0	1.7	3.74
				80	21.4	15.7	2.0	3.2
	9	7.6	3.3	60	24.1	19.6	1.5	4.6
				70	23.2	18.0	1.7	3.91
				80	22.3	16.4	2.0	3.34
	12	12.5	5.4	60	24.7	20.3	1.5	4.7
				70	23.7	18.5	1.7	4
				80	22.8	16.8	2.0	3.4
	16	20.6	8.9	60	25.2	20.6	1.5	4.8
				70	24.1	18.8	1.7	4.06
				80	23.1	17.1	2.0	3.44
40	6	3.6	1.6	60	26.6	22.1	1.5	5.07
				70	25.8	20.5	1.7	4.33
				80	24.9	19.0	2.0	3.71
	9	7.3	3.1	60	28.2	23.6	1.5	5.36
				70	27.2	21.8	1.7	4.56
				80	26.2	20.2	2.0	3.89
	12	11.9	5.2	60	28.9	24.4	1.5	5.49
				70	27.7	22.8	1.7	4.65
				80	26.8	20.7	2.0	3.97
	16	19.6	8.5	60	29.5	25.1	1.5	5.6
				70	28.4	22.9	1.7	4.75
				80	27.3	21.2	2.0	4.04
50	6	3.4	1.5	60	30.5	25.9	1.5	5.79
				70	29.7	24.4	1.8	4.95
				80	28.7	22.8	2.0	4.24
	9	6.9	3.0	60	32.5	27.9	1.5	6.15
				70	31.3	26.2	1.8	5.21
				80	30.3	24.2	2.0	4.46
	12	11.4	4.9	60	33.5	28.9	1.6	6.32
				70	32.1	27.1	1.8	5.34
				80	31.1	24.9	2.0	4.56
	16	18.8	8.1	60	34.2	29.7	1.6	6.45
				70	32.9	27.4	1.8	5.46
				80	31.7	25.5	2.0	4.65
60	6	3.3	1.4	60	34.7	30.0	1.6	6.53
				70	33.7	28.4	1.8	5.58
				80	32.7	26.6	2.0	4.78
	9	6.6	2.9	60	37.1	32.3	1.6	6.95
				70	35.9	30.3	1.8	5.9
				80	34.8	28.2	2.0	5.06
	12	10.9	4.7	60	38.2	33.4	1.6	7.13
				70	36.9	31.3	1.8	6.04
				80	35.6	29.8	2.0	5.15
	16	18.0	7.8	60	39.2	34.3	1.6	7.28
				70	37.7	32.6	1.8	6.14
				80	36.5	30.0	2.0	5.27

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	6	3.2	1.4	60	39.0	34.2	1.6	7.25
				70	38.0	32.6	1.8	6.2
				80	37.0	30.7	2.0	5.33
	9	6.4	2.8	60	42.0	37.0	1.6	7.7
				70	40.7	35.0	1.8	6.56
				80	39.4	33.1	2.1	5.63
	12	10.5	4.6	60	43.2	38.7	1.6	7.86
				70	41.9	36.5	1.8	6.71
				80	40.7	34.0	2.1	5.77
	16	17.4	7.6	60	44.4	39.9	1.6	8.01
				70	43.0	37.4	1.8	6.85
				80	41.7	34.9	2.1	5.88
80	6	3.1	1.3	60	43.6	38.7	1.6	7.92
				70	42.7	37.1	1.8	6.81
				80	41.6	35.3	2.1	5.87
	9	6.2	2.7	60	47.2	42.0	1.7	8.36
				70	45.8	39.9	1.9	7.16
				80	44.3	38.3	2.1	6.14
	12	10.2	4.4	60	48.7	44.0	1.7	8.52
				70	47.3	41.5	1.9	7.31
				80	45.9	39.3	2.1	6.29
	16	16.8	7.3	60	50.1	45.4	1.7	8.65
				70	48.7	42.5	1.9	7.44
				80	47.1	40.4	2.2	6.39
90	6	3.0	1.3	60	48.5	43.4	1.7	8.51
				70	47.5	41.8	1.9	7.33
				80	46.3	39.8	2.1	6.33
	9	6.0	2.6	60	52.7	47.6	1.7	*
				70	51.2	45.0	2.0	*
				80	50.0	43.1	2.2	*
	12	9.9	4.3	60	54.4	49.5	1.8	*
				70	53.0	46.6	2.0	*
				80	51.3	44.9	2.2	*
	16	16.3	7.1	60	56.2	50.7	1.8	*
				70	54.6	47.8	2.0	*
				80	52.9	45.5	2.3	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA060 WITH CAA**6024AM* HEATING PERFORMANCE - FULL LOAD @ 1750 CFM								
30	7.5	7.1	3.1	60	48.2	38.0	3.2	4.37
				70	48.7	37.1	3.6	3.94
				80	48.0	35.3	4.0	3.48
	11.3	14.2	6.1	60	52.5	41.9	3.3	4.61
				70	51.5	39.8	3.7	4.07
				80	50.8	37.8	4.1	3.62
	15.0	22.7	9.8	60	54.0	43.4	3.4	4.67
				70	53.0	41.4	3.8	4.14
				80	52.4	39.2	4.2	3.69
	20.0	37.2	16.1	60	55.4	44.7	3.4	4.74
				70	54.3	42.6	3.8	4.2
				80	53.5	40.6	4.2	3.74
40	7.5	6.8	2.9	60	54.5	42.5	3.4	4.71
				70	53.8	42.1	3.8	4.17
				80	54.2	40.8	4.2	3.77
	11.3	13.5	5.8	60	58.3	47.2	3.5	4.87
				70	58.5	45.6	3.9	4.4
				80	58.2	44.3	4.3	3.94
	15.0	21.8	9.5	60	61.0	49.6	3.6	5.01
				70	60.5	48.1	4.0	4.48
				80	59.9	46.0	4.4	4.01
	20.0	35.8	15.5	60	63.2	51.8	3.6	5.1
				70	62.2	49.6	4.0	4.56
				80	61.4	47.3	4.4	4.07
50	7.5	6.4	2.8	60	61.8	50.2	3.6	5.04
				70	59.7	45.4	3.9	4.46
				80	60.2	45.7	4.4	4.03
	11.3	12.8	5.5	60	65.7	55.0	3.7	5.2
				70	65.1	53.2	4.1	4.67
				80	65.6	49.7	4.5	4.24
	15.0	20.9	9.1	60	62.8	55.1	3.6	5.05
				70	66.0	51.7	4.1	4.72
				80	67.3	53.1	4.6	4.28
	20.0	34.4	14.9	60	70.8	57.9	3.8	5.43
				70	68.6	55.3	4.2	4.82
				80	69.6	54.7	4.7	4.37
60	7.5	6.1	2.6	60	69.3	58.3	3.8	5.35
				70	69.0	56.0	4.2	4.82
				80	67.9	53.2	4.6	4.3
	11.3	12.2	5.3	60	74.4	62.0	3.9	5.57
				70	73.6	59.6	4.3	4.99
				80	71.7	56.3	4.7	4.44
	15.0	20.0	8.7	60	77.6	64.6	4.0	5.7
				70	74.6	61.3	4.4	5.02
				80	72.9	58.1	4.8	4.47
	20.0	33.0	14.3	60	80.4	67.7	4.1	5.78
				70	77.5	63.6	4.4	5.12
				80	77.8	61.8	4.9	4.63

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	7.5	5.9	2.6	60	75.0	66.2	4.0	5.49
				70	76.2	62.1	4.4	5.08
				80	75.0	59.1	4.8	4.55
	11.3	11.7	5.1	60	83.3	71.1	4.2	5.86
				70	81.7	66.9	4.6	5.25
				80	81.2	64.7	5.0	4.73
	15.0	19.3	8.4	60	87.6	72.2	4.3	6.04
				70	84.9	70.2	4.7	5.34
				80	83.6	68.8	5.1	4.77
	20.0	31.8	13.8	60	88.8	75.6	4.3	6.02
				70	86.5	71.8	4.7	5.38
				80	85.9	69.7	5.2	4.84
80	7.5	5.6	2.4	60	84.4	69.7	4.2	5.91
				70	85.4	70.4	4.7	5.36
				80	84.5	68.2	5.2	4.81
	11.3	11.3	4.9	60	93.4	78.7	4.4	6.18
				70	90.9	75.5	4.8	5.5
				80	89.3	72.6	5.3	4.92
	15.0	18.6	8.1	60	96.1	80.7	4.5	6.24
				70	94.6	79.2	5.0	5.59
				80	93.3	75.4	5.4	5.02
	20.0	30.7	13.3	60	99.2	84.5	4.6	6.31
				70	96.9	80.8	5.0	5.64
				80	94.6	76.9	5.5	5.04
90	7.5	5.4	2.4	60	95.3	81.2	4.5	6.22
				70	93.4	78.0	4.9	5.56
				80	92.0	74.2	5.4	5
	11.3	10.9	4.7	60	101.7	86.7	4.7	6.37
				70	100.1	83.8	5.1	5.71
				80	99.4	81.0	5.7	5.15
	15.0	18.0	7.8	60	106.0	90.5	4.8	6.46
				70	104.2	87.5	5.3	5.79
				80	101.4	83.2	5.7	5.18
	20.0	29.8	12.9	60	109.6	94.9	4.9	*
				70	108.1	91.7	5.4	*
				80	105.2	87.5	5.9	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA060 WITH CAA**6024AM* HEATING PERFORMANCE - PART LOAD @ 1400 CFM								
30	7.5	7.1	3.1	60	33.3	25.6	2.3	4.3
				70	33.1	25.3	2.6	3.78
				80	31.8	23.0	2.9	3.25
	11.3	14.2	6.1	60	36.0	29.4	2.3	4.57
				70	34.7	27.2	2.6	3.93
				80	33.2	24.3	2.9	3.37
	15.0	22.7	9.8	60	37.0	30.2	2.3	4.67
				70	35.5	27.5	2.6	4.01
				80	34.0	25.1	2.9	3.43
	20.0	37.2	16.1	60	37.7	31.2	2.3	4.74
				70	36.1	28.4	2.6	4.06
				80	34.6	25.6	2.9	3.48
40	7.5	6.8	2.9	60	39.0	31.9	2.3	4.87
				70	37.8	29.0	2.6	4.22
				80	36.7	27.6	2.9	3.65
	11.3	13.5	5.8	60	40.2	32.7	2.4	4.99
				70	39.7	31.7	2.7	4.37
				80	38.6	29.3	3.0	3.79
	15.0	21.8	9.5	60	42.2	34.8	2.4	5.18
				70	40.8	32.7	2.7	4.47
				80	39.6	30.3	3.0	3.86
	20.0	35.8	15.5	60	43.2	36.2	2.4	5.28
				70	41.7	33.6	2.7	4.55
				80	40.2	31.1	3.0	3.92
50	7.5	6.4	2.8	60	44.1	36.7	2.4	5.36
				70	43.2	34.6	2.7	4.67
				80	41.6	32.5	3.0	4.02
	11.3	12.8	5.5	60	46.3	39.0	2.4	5.56
				70	44.9	36.3	2.7	4.81
				80	43.8	34.4	3.1	4.18
	15.0	20.9	9.1	60	47.8	40.1	2.5	5.7
				70	45.6	36.8	2.7	4.87
				80	45.2	35.9	3.1	4.29
	20.0	34.4	14.9	60	48.6	41.2	2.5	5.77
				70	47.6	39.3	2.8	5.02
				80	46.3	36.8	3.1	4.37
60	7.5	6.1	2.6	60	49.8	42.1	2.5	5.87
				70	48.1	39.9	2.8	5.06
				80	47.5	37.3	3.1	4.46
	11.3	12.2	5.3	60	52.4	44.8	2.5	6.11
				70	51.2	42.4	2.8	5.33
				80	49.0	39.6	3.1	4.57
	15.0	20.0	8.7	60	53.9	46.3	2.5	6.25
				70	52.1	43.6	2.8	5.4
				80	50.7	41.2	3.2	4.7
	20.0	33.0	14.3	60	55.2	47.5	2.5	6.37
				70	53.4	44.5	2.8	5.52
				80	52.4	43.0	3.2	4.83

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	7.5	5.9	2.6	60	55.8	47.9	2.5	6.43
				70	54.1	45.5	2.8	5.57
				80	53.0	43.5	3.2	4.87
	11.3	11.7	5.1	60	58.9	51.1	2.6	6.71
				70	56.9	48.8	2.9	5.8
				80	55.7	45.1	3.2	5.07
	15.0	19.3	8.4	60	60.7	52.9	2.6	6.87
				70	58.6	50.1	2.9	5.93
				80	57.3	46.7	3.2	5.19
	20.0	31.8	13.8	60	62.1	54.3	2.6	7
				70	60.0	50.6	2.9	6.05
				80	58.0	48.3	3.2	5.23
80	7.5	5.6	2.4	60	62.1	54.1	2.6	7.01
				70	60.2	51.5	2.9	6.06
				80	58.6	49.4	3.3	5.27
	11.3	11.3	4.9	60	65.4	57.6	2.6	7.32
				70	63.5	54.8	2.9	6.34
				80	61.8	52.0	3.3	5.5
	15.0	18.6	8.1	60	67.4	59.7	2.6	7.51
				70	65.4	56.9	3.0	6.49
				80	63.5	53.8	3.3	5.63
	20.0	30.7	13.3	60	69.0	61.5	2.6	7.66
				70	66.9	58.3	3.0	6.61
				80	65.4	54.8	3.3	0
90	7.5	5.4	2.4	60	68.2	60.0	2.6	7.59
				70	66.4	57.6	3.0	6.57
				80	64.7	54.5	3.3	5.72
	11.3	10.9	4.7	60	72.2	64.3	2.7	*
				70	70.2	61.3	3.0	*
				80	68.6	56.4	3.3	*
	15.0	18.0	7.8	60	74.4	67.1	2.7	*
				70	72.3	63.5	3.0	*
				80	70.3	59.2	3.4	*
	20.0	29.8	12.9	60	76.5	67.6	2.7	*
				70	74.0	65.4	3.0	*
				80	72.2	61.4	3.4	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA060 WITH FE5***D60L* / FT5***D60L* HEATING PERFORMANCE - FULL LOAD @ 1750 CFM								
30	7.5	4.1	1.8	60	49.0	39.7	2.9	5.02
				70	47.2	37.2	3.2	4.37
				80	47.7	36.7	3.6	3.93
	11.3	8.4	3.6	60	51.3	42.0	2.9	5.15
				70	50.8	40.6	3.3	4.58
				80	49.9	38.2	3.6	4.05
	15.0	13.5	5.9	60	53.5	43.8	3.0	5.28
				70	52.3	41.9	3.3	4.66
				80	52.3	41.0	3.7	4.18
	20.0	22.6	9.8	60	54.8	45.7	3.0	5.34
				70	54.2	43.9	3.3	4.76
				80	53.6	42.1	3.7	4.25
40	7.5	3.9	1.7	60	53.9	44.5	3.0	5.31
				70	51.8	41.8	3.3	4.63
				80	51.2	39.6	3.6	4.13
	11.3	7.9	3.4	60	55.8	46.4	3.0	5.39
				70	54.8	44.4	3.4	4.79
				80	54.4	42.6	3.7	4.28
	15.0	13.0	5.6	60	57.5	48.1	3.1	5.49
				70	58.1	46.1	3.4	4.99
				80	57.2	44.8	3.8	4.43
	20.0	21.6	9.4	60	61.1	50.9	3.1	5.72
				70	59.2	48.7	3.5	5.03
				80	59.1	47.0	3.8	4.51
50	7.5	3.7	1.6	60	62.1	51.8	3.2	5.76
				70	60.9	50.8	3.5	5.1
				80	60.6	48.2	3.9	4.58
	11.3	7.6	3.3	60	66.5	56.9	3.3	5.98
				70	56.4	49.3	3.4	4.82
				80	64.1	51.1	4.0	4.74
	15.0	12.5	5.4	60	68.9	58.2	3.3	6.09
				70	69.6	57.8	3.7	5.53
				80	66.5	53.0	4.0	4.83
	20.0	20.7	9.0	60	61.2	54.4	3.2	5.59
				70	69.7	57.7	3.7	5.53
				80	69.5	56.0	4.1	4.96
60	7.5	3.6	1.5	60	67.9	57.2	3.3	6.06
				70	66.7	55.3	3.6	5.38
				80	65.3	53.8	4.0	4.76
	11.3	7.3	3.2	60	72.4	60.3	3.4	6.27
				70	71.3	59.6	3.7	5.57
				80	70.8	56.6	4.1	5.01
	15.0	12.0	5.2	60	75.6	63.5	3.5	6.39
				70	74.3	60.7	3.8	5.72
				80	74.4	60.3	4.2	5.15
	20.0	19.9	8.6	60	77.8	66.3	3.5	6.48
				70	76.2	63.6	3.9	5.77
				80	77.9	63.0	4.3	5.28

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	7.5	3.4	1.5	60	75.9	64.9	3.5	6.4
				70	74.1	61.4	3.8	5.7
				80	74.6	59.7	4.2	5.17
	11.3	7.0	3.0	60	81.8	69.4	3.6	6.65
				70	80.0	68.6	4.0	5.88
				80	79.7	66.6	4.4	5.31
	15.0	11.6	5.0	60	85.2	72.1	3.7	6.78
				70	83.7	69.2	4.1	6.05
				80	83.0	66.9	4.5	5.43
	20.0	19.2	8.3	60	87.9	77.4	3.8	6.82
				70	86.2	72.3	4.1	6.12
				80	84.4	69.3	4.5	5.46
80	7.5	3.3	1.4	60	84.1	74.4	3.7	6.67
				70	83.1	71.3	4.1	6
				80	81.9	67.2	4.5	5.38
	11.3	6.8	2.9	60	91.0	77.8	3.8	6.94
				70	89.9	75.5	4.2	6.23
				80	88.1	71.4	4.6	5.57
	15.0	11.2	4.9	60	95.7	81.9	3.9	7.12
				70	93.5	79.4	4.3	6.31
				80	91.7	76.2	4.8	5.65
	20.0	18.6	8.1	60	98.6	86.9	4.0	7.14
				70	96.8	81.2	4.4	6.41
				80	95.6	76.9	4.8	5.78
90	7.5	3.2	1.4	60	93.7	83.9	3.9	6.99
				70	92.1	75.9	4.3	6.32
				80	90.3	75.9	4.7	5.6
	11.3	6.6	2.9	60	101.6	87.1	4.1	7.27
				70	99.3	84.2	4.5	6.48
				80	97.7	81.9	4.9	5.79
	15.0	10.9	4.7	60	105.5	91.1	4.2	7.31
				70	103.9	88.8	4.6	6.56
				80	102.2	89.1	5.1	5.88
	20.0	18.1	7.8	60	109.8	95.6	4.3	7.42
				70	107.1	92.9	4.7	6.62
				80	105.6	92.6	5.2	5.95

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA060 WITH FE5***D60L* / FT5***D60L* HEATING PERFORMANCE - PART LOAD @ 1400 CFM								
30	7.5	4.1	1.8	60	30.8	24.6	2.1	4.39
				70	29.6	22.6	2.3	3.75
				80	28.1	20.3	2.6	3.18
	11.3	8.4	3.6	60	32.2	25.7	2.1	4.55
				70	30.6	23.7	2.3	3.85
				80	29.2	21.3	2.6	3.29
	15.0	13.5	5.9	60	32.7	26.5	2.1	4.61
				70	31.2	24.2	2.3	3.92
				80	29.7	21.8	2.6	3.33
	20.0	22.6	9.8	60	33.2	26.9	2.1	4.67
				70	31.7	24.5	2.3	3.98
				80	30.1	22.2	2.6	3.38
40	7.5	3.9	1.7	60	35.3	29.1	2.1	4.92
				70	34.0	27.0	2.4	4.22
				80	32.9	24.6	2.7	3.64
	11.3	7.9	3.4	60	37.0	30.4	2.1	5.11
				70	35.5	28.2	2.4	4.37
				80	34.2	25.8	2.7	3.76
	15.0	13.0	5.6	60	37.8	31.4	2.1	5.2
				70	36.3	29.0	2.4	4.44
				80	34.9	26.4	2.7	3.82
	20.0	21.6	9.4	60	38.6	31.8	2.1	5.3
				70	37.0	29.5	2.4	4.52
				80	35.5	27.1	2.7	3.87
50	7.5	3.7	1.6	60	40.4	33.8	2.2	5.49
				70	39.1	31.5	2.4	4.73
				80	37.8	29.5	2.7	4.07
	11.3	7.6	3.3	60	42.3	35.8	2.2	5.7
				70	41.0	33.2	2.4	4.91
				80	39.6	30.8	2.7	4.23
	15.0	12.5	5.4	60	43.5	36.6	2.2	5.83
				70	41.9	34.2	2.5	5
				80	40.5	31.6	2.8	4.31
	20.0	20.7	9.0	60	44.3	37.5	2.2	5.92
				70	42.7	35.0	2.5	5.07
				80	41.3	32.3	2.8	4.37
60	7.5	3.6	1.5	60	45.7	38.9	2.2	6.07
				70	44.4	36.5	2.5	5.24
				80	43.2	34.4	2.8	4.54
	11.3	7.3	3.2	60	48.0	41.4	2.2	6.31
				70	46.5	39.0	2.5	5.44
				80	45.3	36.2	2.8	4.73
	15.0	12.0	5.2	60	49.5	42.4	2.2	6.47
				70	47.9	39.9	2.5	5.58
				80	46.4	37.3	2.8	4.82
	20.0	19.9	8.6	60	50.5	43.5	2.2	6.58
				70	48.9	40.9	2.5	5.67
				80	47.3	38.3	2.8	4.89

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	7.5	3.4	1.5	60	51.3	44.2	2.3	6.67
				70	50.0	42.0	2.5	5.78
				80	48.7	39.8	2.8	5.01
	11.3	7.0	3.0	60	54.1	47.4	2.3	6.97
				70	52.6	44.9	2.6	6.02
				80	51.3	41.9	2.9	5.23
	15.0	11.6	5.0	60	55.9	48.6	2.3	7.17
				70	54.2	45.9	2.6	6.18
				80	52.6	43.1	2.9	5.34
	20.0	19.2	8.3	60	57.1	49.9	2.3	7.3
				70	55.3	47.1	2.6	6.28
				80	53.7	44.3	2.9	5.43
80	7.5	3.3	1.4	60	57.2	50.0	2.3	7.3
				70	55.8	47.8	2.6	6.32
				80	54.3	45.5	2.9	5.48
	11.3	6.8	2.9	60	60.5	53.7	2.3	7.65
				70	59.0	50.5	2.6	6.63
				80	57.4	47.8	2.9	5.74
	15.0	11.2	4.9	60	62.5	55.0	2.3	7.88
				70	60.7	52.1	2.6	6.79
				80	59.0	49.2	2.9	5.87
	20.0	18.6	8.1	60	64.0	56.4	2.3	8.04
				70	62.0	53.6	2.6	6.91
				80	60.2	50.6	3.0	5.97
90	7.5	3.2	1.4	60	63.0	55.7	2.3	7.93
				70	61.5	53.3	2.6	6.86
				80	60.0	50.9	3.0	5.95
	11.3	6.6	2.9	60	66.9	59.3	2.3	*
				70	65.2	56.4	2.6	*
				80	63.4	53.6	3.0	*
	15.0	10.9	4.7	60	69.0	61.3	2.4	*
				70	67.1	58.1	2.7	*
				80	64.9	56.1	3.0	*
	20.0	18.1	7.8	60	70.6	62.9	2.4	*
				70	68.6	59.7	2.7	*
				80	66.6	56.6	3.0	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA072 WITH CAA**6024AM* HEATING PERFORMANCE - PART LOAD @ 1750 CFM								
30	9.0	9.7	4.2	60	57.6	44.1	4.0	4.27
				70	58.1	43.9	4.4	3.85
				80	58.0	42.6	4.9	3.46
	13.5	19.3	8.4	60	60.9	48.2	4.1	4.38
				70	61.4	47.1	4.5	3.98
				80	61.2	45.3	5.0	3.58
	18.0	30.5	13.2	60	63.3	50.1	4.1	4.49
				70	63.5	49.1	4.6	4.06
				80	62.9	46.8	5.1	3.64
	24.0	50.7	22.0	60	67.3	53.9	4.2	4.65
				70	65.9	51.6	4.7	4.14
				80	65.0	49.1	5.1	3.71
40	9.0	9.2	4.0	60	66.8	53.3	4.2	4.63
				70	63.5	49.1	4.6	4.05
				80	63.4	46.9	5.1	3.66
	13.5	18.5	8.0	60	69.4	54.7	4.3	4.74
				70	67.5	51.8	4.7	4.21
				80	68.6	50.6	5.2	3.84
	18.0	29.5	12.8	60	72.6	58.9	4.4	4.85
				70	69.2	53.3	4.8	4.26
				80	71.5	54.0	5.3	3.92
	24.0	48.9	21.2	60	77.0	62.8	4.5	5
				70	75.7	60.1	5.0	4.47
				80	74.4	57.3	5.5	3.99
50	9.0	8.7	3.8	60	72.9	57.8	4.4	4.86
				70	72.3	57.3	4.9	4.35
				80	73.5	56.1	5.4	3.98
	13.5	17.5	7.6	60	78.7	63.8	4.6	5.05
				70	77.9	63.0	5.0	4.52
				80	76.7	58.8	5.5	4.06
	18.0	28.5	12.3	60	81.4	67.1	4.6	5.13
				70	80.7	64.3	5.1	4.63
				80	79.8	61.1	5.6	4.16
	24.0	47.1	20.4	60	87.0	71.5	4.8	5.3
				70	85.5	68.9	5.3	4.75
				80	84.5	66.1	5.8	4.27
60	9.0	8.3	3.6	60	82.7	67.3	4.7	5.17
				70	82.7	66.6	5.2	4.67
				80	82.1	63.6	5.7	4.21
	13.5	16.7	7.2	60	88.8	73.9	4.9	5.34
				70	88.4	71.1	5.4	4.83
				80	86.9	67.7	5.9	4.33
	18.0	27.4	11.9	60	90.5	72.6	4.9	5.4
				70	90.3	74.1	5.4	4.86
				80	88.1	69.3	5.9	4.35
	24.0	45.3	19.6	60	95.1	79.4	5.1	5.52
				70	96.0	77.3	5.6	5.01
				80	94.6	74.9	6.2	4.5

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBtu/h)	Heat of Absorption (kBtu/h)	Power Input (kW)	COP
70	9.0	8.0	3.5	60	92.0	75.6	5.0	5.43
				70	90.8	73.6	5.5	4.88
				80	91.6	71.7	6.0	4.44
	13.5	16.1	7.0	60	98.3	81.6	5.2	5.57
				70	97.6	79.3	5.7	5.04
				80	96.2	76.6	6.2	4.53
	18.0	26.4	11.5	60	104.5	88.4	5.3	5.73
				70	101.6	83.2	5.8	5.13
				80	100.4	79.6	6.4	4.61
	24.0	43.6	18.9	60	106.9	87.7	5.4	5.79
				70	101.8	83.3	5.8	5.12
				80	104.8	83.9	6.5	4.69
80	9.0	7.7	3.3	60	102.1	83.8	5.3	5.68
				70	101.4	82.6	5.8	5.12
				80	101.3	80.4	6.4	4.63
	13.5	15.5	6.7	60	109.9	93.1	5.6	5.8
				70	108.4	88.8	6.0	5.25
				80	106.3	84.9	6.6	4.72
	18.0	25.5	11.1	60	113.9	94.7	5.7	5.89
				70	112.6	92.9	6.2	5.32
				80	108.7	86.7	6.7	4.76
	24.0	42.2	18.3	60	117.3	104.4	5.8	5.88
				70	114.4	94.5	6.3	5.35
				80	110.4	90.4	6.8	4.77
90	9.0	7.4	3.2	60	112.4	93.3	5.6	5.88
				70	111.1	91.3	6.1	5.3
				80	110.8	89.4	6.8	4.8
	13.5	15.0	6.5	60	121.0	103.0	5.9	5.99
				70	118.9	98.1	6.4	5.42
				80	117.1	94.4	7.0	4.89
	18.0	24.7	10.7	60	125.2	110.4	6.1	6
				70	123.5	102.5	6.6	5.48
				80	118.4	96.6	7.1	4.89
	24.0	40.9	17.7	60	129.7	111.1	6.2	6.09
				70	125.4	105.3	6.7	5.5
				80	122.6	101.3	7.2	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA072 WITH CAA**6024AM* HEATING PERFORMANCE - PART LOAD @ 1400 CFM								
30	9.0	9.7	4.2	60	40.8	31.8	3.0	4.04
				70	40.9	30.5	3.3	3.59
				80	40.3	28.6	3.8	3.14
	13.5	19.3	8.4	60	42.7	33.7	3.0	4.18
				70	42.6	32.2	3.4	3.7
				80	42.0	30.1	3.8	3.24
	18.0	30.5	13.2	60	44.5	35.2	3.0	4.3
				70	43.5	33.1	3.4	3.76
				80	42.9	30.9	3.8	3.29
	24.0	50.7	22.0	60	45.3	36.0	3.0	4.36
				70	44.3	33.7	3.4	3.8
				80	43.6	31.6	3.8	3.33
40	9.0	9.2	4.0	60	46.3	36.6	3.1	4.43
				70	46.2	34.3	3.4	3.93
				80	45.7	33.8	3.9	3.44
	13.5	18.5	8.0	60	48.8	39.2	3.1	4.59
				70	48.3	37.5	3.5	4.04
				80	47.9	35.7	3.9	3.57
	18.0	29.5	12.8	60	49.4	39.9	3.1	4.63
				70	49.8	39.0	3.5	4.12
				80	49.0	36.7	4.0	3.63
	24.0	48.9	21.2	60	51.9	42.1	3.2	4.79
				70	50.8	39.8	3.6	4.19
				80	49.9	37.5	4.0	3.68
50	9.0	8.7	3.8	60	53.1	43.0	3.2	4.85
				70	51.9	40.7	3.6	4.25
				80	51.0	39.2	4.0	3.73
	13.5	17.5	7.6	60	56.0	46.2	3.3	5.04
				70	54.8	43.3	3.6	4.42
				80	54.0	41.1	4.1	3.89
	18.0	28.5	12.3	60	57.3	47.3	3.3	5.12
				70	55.4	45.4	3.7	4.44
				80	55.7	43.2	4.1	3.97
	24.0	47.1	20.4	60	58.1	48.4	3.3	5.16
				70	57.8	46.3	3.7	4.58
				80	57.1	44.0	4.1	4.05
60	9.0	8.3	3.6	60	60.0	49.7	3.3	5.28
				70	58.6	47.0	3.7	4.62
				80	57.7	45.1	4.2	4.07
	13.5	16.7	7.2	60	63.1	52.7	3.4	5.46
				70	61.7	49.8	3.8	4.79
				80	61.2	46.5	4.2	4.25
	18.0	27.4	11.9	60	64.8	54.4	3.4	5.55
				70	63.7	50.8	3.8	4.89
				80	62.5	48.1	4.3	4.31
	24.0	45.3	19.6	60	65.8	53.6	3.4	5.61
				70	64.4	52.3	3.8	4.92
				80	64.4	50.7	4.3	4.38

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	9.0	8.0	3.5	60	66.8	56.6	3.5	5.66
				70	65.8	53.5	3.9	4.99
				80	64.9	51.2	4.3	4.41
	13.5	16.1	7.0	60	70.9	59.5	3.5	5.88
				70	69.1	56.9	3.9	5.14
				80	68.0	53.6	4.4	4.54
	18.0	26.4	11.5	60	72.9	61.6	3.6	5.98
				70	71.2	58.8	4.0	5.24
				80	69.5	56.2	4.4	4.6
	24.0	43.6	18.9	60	74.3	63.5	3.6	6.03
				70	72.4	61.1	4.0	5.27
				80	72.4	56.6	4.5	4.73
80	9.0	7.7	3.3	60	74.5	62.9	3.6	6.06
				70	73.3	60.6	4.0	5.33
				80	72.0	57.4	4.5	4.71
	13.5	15.5	6.7	60	78.6	67.8	3.7	6.22
				70	77.3	64.6	4.1	5.49
				80	75.6	61.3	4.6	4.84
	18.0	25.5	11.1	60	81.4	69.3	3.8	6.36
				70	79.6	64.1	4.2	5.6
				80	77.6	63.1	4.6	4.93
	24.0	42.2	18.3	60	83.2	71.7	3.8	6.43
				70	81.1	67.5	4.2	5.64
				80	79.5	64.5	4.7	5
90	9.0	7.4	3.2	60	82.1	70.8	3.8	6.37
				70	80.9	67.6	4.2	5.64
				80	78.9	64.6	4.6	4.97
	13.5	15.0	6.5	60	86.9	75.5	3.9	*
				70	85.5	72.0	4.3	*
				80	83.2	68.6	4.8	*
	18.0	24.7	10.7	60	89.7	78.4	3.9	*
				70	87.5	75.8	4.4	*
				80	85.8	70.5	4.8	*
	24.0	40.9	17.7	60	92.2	79.7	4.0	*
				70	89.8	76.4	4.4	*
				80	87.7	73.0	4.9	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA072 WITH FE5***D60L* / FT5***D60L* HEATING PERFORMANCE - PART LOAD @ 1750 CFM								
30	9.0	6.3	2.7	60	56.8	45.1	3.7	4.49
				70	55.7	42.1	4.1	4.01
				80	55.6	39.9	4.5	3.61
	13.5	12.7	5.5	60	58.5	46.6	3.8	4.57
				70	57.3	44.4	4.1	4.06
				80	58.3	44.0	4.6	3.69
	18.0	20.9	9.1	60	61.7	48.3	3.8	4.72
				70	59.9	46.4	4.2	4.17
				80	60.3	45.5	4.7	3.77
	24.0	34.5	14.9	60	62.2	50.1	3.9	4.73
				70	62.2	48.8	4.3	4.26
				80	61.8	46.8	4.7	3.82
40	9.0	6.0	2.6	60	63.2	50.6	3.9	4.77
				70	63.3	48.7	4.3	4.32
				80	62.8	46.9	4.8	3.87
	13.5	12.2	5.3	60	66.6	54.5	4.0	4.9
				70	66.9	52.3	4.4	4.44
				80	65.1	49.7	4.9	3.93
	18.0	20.2	8.7	60	71.0	57.3	4.1	5.11
				70	70.8	56.3	4.5	4.58
				80	68.8	52.4	5.0	4.06
	24.0	33.3	14.4	60	71.5	58.8	4.1	5.11
				70	69.2	56.1	4.5	4.5
				80	70.3	54.3	5.0	4.1
50	9.0	5.8	2.5	60	74.5	60.0	4.2	5.22
				70	74.1	59.1	4.6	4.69
				80	74.6	57.7	5.2	4.24
	13.5	11.8	5.1	60	79.2	65.3	4.3	5.37
				70	78.0	61.9	4.8	4.81
				80	77.8	60.8	5.3	4.31
	18.0	19.4	8.4	60	81.6	68.6	4.4	5.42
				70	81.8	65.0	4.9	4.92
				80	82.8	64.8	5.4	4.46
	24.0	32.1	13.9	60	84.0	71.4	4.5	5.48
				70	82.7	65.7	4.9	4.94
				80	83.7	66.0	5.5	4.47
60	9.0	5.6	2.4	60	83.4	65.8	4.4	5.55
				70	79.5	65.1	4.8	4.82
				80	79.5	63.1	5.3	4.36
	13.5	11.3	4.9	60	86.2	72.9	4.6	5.55
				70	85.0	69.2	5.0	4.98
				80	86.1	67.9	5.6	4.53
	18.0	18.6	8.1	60	90.0	75.9	4.7	5.66
				70	87.9	71.1	5.1	5.06
				80	89.5	71.2	5.7	4.59
	24.0	30.8	13.4	60	92.0	77.3	4.7	5.69
				70	90.1	75.0	5.2	5.09
				80	90.6	71.0	5.7	4.64

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBtUH)	Heat of Absorption (kBtUH)	Power Input (kW)	COP
70	9.0	5.4	2.3	60	93.0	73.9	4.7	5.8
				70	89.2	72.3	5.1	5.09
				80	88.2	69.7	5.6	4.58
	13.5	10.9	4.7	60	97.3	80.2	4.9	5.85
				70	97.9	78.8	5.4	5.31
				80	94.3	73.8	5.9	4.72
	18.0	18.0	7.8	60	101.1	87.5	5.0	5.9
				70	102.3	84.0	5.6	5.38
				80	97.1	79.3	6.0	4.73
	24.0	29.8	12.9	60	104.0	85.8	5.1	5.98
				70	101.9	83.6	5.6	5.36
				80	87.3	74.7	5.7	4.47
80	9.0	5.2	2.2	60	100.8	86.9	5.0	5.89
				70	98.8	83.7	5.5	5.26
				80	97.3	79.2	6.0	4.74
	13.5	10.5	4.6	60	107.9	91.7	5.2	6.03
				70	99.4	109.3	5.9	4.92
				80	104.4	85.6	6.3	4.87
	18.0	17.4	7.5	60	112.7	93.4	5.4	6.13
				70	110.4	94.2	5.9	5.47
				80	107.6	86.4	6.4	4.93
	24.0	28.9	12.5	60	116.0	97.7	5.5	6.18
				70	113.3	94.8	6.0	5.51
				80	111.1	91.0	6.5	4.97
90	9.0	5.0	2.2	60	110.5	91.6	5.3	6.12
				70	109.3	89.7	5.8	5.5
				80	107.3	88.0	6.4	4.91
	13.5	10.2	4.4	60	119.2	103.2	5.6	6.19
				70	117.0	98.0	6.1	5.58
				80	113.8	93.0	6.7	5.01
	18.0	16.9	7.3	60	123.7	103.8	5.8	6.27
				70	124.1	102.5	6.4	5.69
				80	117.8	97.3	6.8	*
	24.0	28.0	12.1	60	127.6	108.8	5.9	6.29
				70	110.2	96.5	6.0	5.34
				80	124.2	100.9	7.1	*

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft. of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
GZA072 WITH FE5***D60L* / FT5***D60L* HEATING PERFORMANCE - PART LOAD @ 1400 CFM								
30	9.0	6.3	2.7	60	38.2	30.6	2.8	4.04
				70	38.1	28.3	3.1	3.58
				80	37.7	26.8	3.5	3.13
	13.5	12.7	5.5	60	40.5	32.0	2.8	4.24
				70	39.8	30.3	3.2	3.7
				80	39.2	28.3	3.6	3.24
	18.0	20.9	9.1	60	41.3	33.0	2.8	4.3
				70	40.7	31.0	3.2	3.76
				80	40.0	29.0	3.6	3.29
	24.0	34.5	14.9	60	42.2	33.5	2.8	4.37
				70	41.4	31.5	3.2	3.81
				80	40.7	29.6	3.6	3.33
40	9.0	6.0	2.6	60	44.6	36.1	2.9	4.56
				70	43.0	32.8	3.2	3.92
				80	43.4	31.9	3.6	3.49
	13.5	12.2	5.3	60	45.7	36.8	2.9	4.63
				70	44.6	34.8	3.2	4.03
				80	45.0	33.8	3.7	3.59
	18.0	20.2	8.7	60	47.5	38.9	2.9	4.77
				70	46.3	36.4	3.3	4.13
				80	46.1	34.8	3.7	3.66
	24.0	33.3	14.4	60	48.3	38.9	2.9	4.82
				70	47.7	37.5	3.3	4.23
				80	47.0	35.4	3.7	3.71
50	9.0	5.8	2.5	60	49.9	40.9	3.0	4.92
				70	49.3	38.8	3.3	4.33
				80	49.4	38.3	3.8	3.85
	13.5	11.8	5.1	60	52.3	42.4	3.0	5.11
				70	52.1	39.9	3.4	4.52
				80	50.4	38.6	3.8	3.9
	18.0	19.4	8.4	60	53.4	45.5	3.0	5.16
				70	53.6	43.1	3.4	4.6
				80	52.7	40.5	3.8	4.04
	24.0	32.1	13.9	60	54.9	45.7	3.0	5.28
				70	54.5	43.1	3.4	4.66
				80	53.8	42.1	3.9	4.09
60	9.0	5.6	2.4	60	56.6	47.7	3.1	5.38
				70	55.8	45.1	3.5	4.73
				80	55.8	43.5	3.9	4.2
	13.5	11.3	4.9	60	60.5	50.8	3.1	5.65
				70	58.4	47.3	3.5	4.87
				80	58.5	44.9	3.9	4.34
	18.0	18.6	8.1	60	61.2	51.6	3.2	5.67
				70	59.9	48.8	3.5	4.95
				80	60.0	47.7	4.0	4.41
	24.0	30.8	13.4	60	63.3	54.0	3.2	5.81
				70	62.1	51.1	3.6	5.08
				80	61.1	47.6	4.0	4.47

Heating Performance (Continued)

Entering Fluid Temp (°F)	Water Flow (GPM)	Pressure drop Ft.of Water	Pressure Drop (PSI)	Entering Air Temp (°F)	Total Capacity (kBTUH)	Heat of Absorption (kBTUH)	Power Input (kW)	COP
70	9.0	5.4	2.3	60	63.7	53.4	3.2	5.82
				70	62.8	51.6	3.6	5.11
				80	62.1	49.1	4.0	4.51
	13.5	10.9	4.7	60	67.0	57.4	3.3	6
				70	67.1	56.0	3.7	5.33
				80	64.8	51.2	4.1	4.64
	18.0	18.0	7.8	60	69.1	58.4	3.3	6.12
				70	68.9	57.3	3.7	5.42
				80	67.4	52.7	4.1	4.76
	24.0	29.8	12.9	60	71.8	61.5	3.4	6.27
				70	70.1	56.7	3.7	5.48
				80	69.3	56.0	4.2	4.84
80	9.0	5.2	2.2	60	70.8	61.1	3.3	6.2
				70	69.8	59.0	3.8	5.44
				80	69.9	58.0	4.2	4.86
	13.5	10.5	4.6	60	75.0	64.5	3.4	6.4
				70	73.9	62.0	3.8	5.64
				80	72.8	59.2	4.3	4.98
	18.0	17.4	7.5	60	78.8	67.6	3.5	6.61
				70	75.8	64.2	3.9	5.71
				80	74.4	60.7	4.3	5.04
	24.0	28.9	12.5	60	79.1	68.5	3.5	6.6
				70	78.6	65.8	3.9	5.84
				80	75.9	63.1	4.4	5.09
90	9.0	5.0	2.2	60	78.6	67.2	3.5	6.58
				70	77.2	65.4	3.9	5.77
				80	76.2	62.1	4.4	5.11
	13.5	10.2	4.4	60	83.1	72.6	3.6	*
				70	81.6	69.5	4.0	*
				80	80.1	66.9	4.5	*
	18.0	16.9	7.3	60	85.9	75.0	3.7	*
				70	84.3	71.0	4.1	*
				80	82.6	67.1	4.5	*
	24.0	28.0	12.1	60	87.6	77.0	3.7	*
				70	86.1	72.8	4.1	*
				80	85.2	70.0	4.6	*

* Represents operation of equipment outside the recommended range is not advised under these conditions.

ANTI-FREEZE CORRECTION TABLE

Antifreeze Type	Antifreeze % vol- ume	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	0.998	0.998	1.004	0.995	0.999	1.085
	10	0.996	0.995	1.008	0.989	0.997	1.165
	15	0.994	0.992	1.012	0.980	0.995	1.257
	25	0.989	0.983	1.023	0.962	0.990	1.491
	35	0.981	0.972	1.040	0.938	0.984	1.812
	40	0.976	0.965	1.050	0.923	0.981	2.012
	45	0.970	0.956	1.062	0.907	0.977	2.240
	50	0.964	0.948	1.076	0.890	0.972	2.502
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	0.999	0.999	1.002	0.997	0.999	1.035
	10	0.998	0.996	1.005	0.993	0.998	1.086
	15	0.996	0.994	1.009	0.986	0.996	1.145
	25	0.992	0.988	1.018	0.974	0.993	1.278
	30	0.989	0.984	1.023	0.967	0.992	1.354
	35	0.986	0.979	1.029	0.960	0.990	1.436
	40	0.983	0.974	1.036	0.953	0.988	1.528
	45	0.979	0.969	1.044	0.944	0.986	1.629
	50	0.975	0.962	1.053	0.934	0.983	1.743

SOUND DATA

Casing Radiated Sound Power												
Model GZA	Full/Part Load	LOAD	Octave Band Sound Power Levels dB, re 10-12 Watts									
			Center Frequency - Hz									
			63	125	250	500	1000	2000	4000	8000	Overall	Overall AHRI-260:2017 (63Hz-8kHz) (dBA)
024	Full	Cooling Full	69	59	53	42	40	41	34	30	69	51
		Heating Full	70	63	58	44	41	43	36	38	71	54
	Part	Cooling Part	67	57	54	48	41	39	32	27	68	51
		Heating Part	72	59	53	43	41	41	36	39	72	51
036	Full	Cooling Full	80	56	52	46	48	40	37	34	80	56
		Heating Full	78	59	61	48	50	42	36	33	79	58
	Part	Cooling Part	80	59	56	45	45	39	33	29	80	56
		Heating Part	80	63	69	55	50	44	36	35	80	63
048	Full	Cooling Full	80	58	49	45	45	43	35	31	80	55
		Heating Full	73	61	53	45	45	45	36	36	73	53
	Part	Cooling Part	81	58	53	48	43	39	34	29	81	56
		Heating Part	77	59	58	48	42	40	35	33	77	55
060	Full	Cooling Full	71	64	52	51	51	50	46	37	72	57
		Heating Full	76	67	54	52	50	48	43	35	76	57
	Part	Cooling Part	73	57	52	53	49	46	40	32	73	55
		Heating Part	71	62	57	53	47	45	36	30	72	55
072	Full	Cooling Full	89	63	55	53	47	46	42	39	89	63
		Heating Full	86	65	56	56	50	50	41	36	86	61
	Part	Cooling Part	86	59	57	52	48	47	40	35	86	61
		Heating Part	86	61	58	52	51	48	38	35	86	61