



PRODUCT SPECIFICATIONS

GSH14

SEER

1½ TO 5 TON

SPLIT SYSTEM HEAT PUMP

COOLING AND HEATING CAPACITIES
18,000 BTU/H TO 55,000 BTU/H



The Klimaïre GSH14 14 SEER Heat Pump features the high-efficiency Copeland® scroll compressor that provides improved temperature and humidity control throughout the home. The GSH14 has an attractive louvered metal guard to protect the coil from damage and strengthen the unit, while the base pan elevates the unit above the slab for excellent water drainage. A powder-paint finish provides premium durability and improved UV protection.

Standard Features

- High-efficiency scroll compressor
- R-22 refrigerant-charged for 15' of refrigerant lines
- 850-RPM condenser fan motor
- Liquid refrigerant return protection
- Factory-installed bi-flow liquid-line filter dryer
- Copper tube/enhanced aluminum fin coil
- Low-pressure switch
- Reliable, time-initiated, temperature-terminated defrost control
- Sweat connection service valves with easy access to gauge ports
- ARI Certified; ETL Listed

Cabinet Features

- Unique Klimaïre sound control top design
- Steel louver coil guard
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type winds

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NOMENCLATURE

	G	S	C	14	036	1	A	A	
	1	2	3	4,5	6,7,8	9	10	11	
Brand									Engineering *
G Standard Feature Models									Minor Revision
S High Feature Models									
Product Category									Engineering *
S Split System									Major Revision
Unit Type									Electrical
C Condenser R-22							1		208/230 V, 1 Phase, 60 Hz
X Condenser R-410A							2		220/240 V, 1 Phase, 50 Hz
H Heat Pump R-22							3		208/230 V, 3 Phase, 60 Hz
Z Heat Pump R-410A							4		460 V, 3 Phase, 60 Hz
							5		380/415 V, 3 Phase, 50 Hz
Efficiency									Nominal Capacity
13 13 SEER							018	1½ Tons	048 4 Tons
14 14 SEER							024	2 Tons	060 5 Tons
16 16 SEER							030	2½ Tons	090 7½ tons
							036	3 Tons	120 10 Tons
							042	3½ Tons	

* Neither used for order entry or inventory management.

Important EnergyStar Notice: Proper sizing and installation of equipment is critical to achieve optimal performance. Split system air conditioners and heat pumps must be matched with appropriate coil components to meet EnergyStar criteria. Ask your contractor for details or visit www.energystar.gov.

SPECIFICATIONS

	GSH14 0181A	GSH14 0241A	GSH14 0301A	GSH14 0361A	GSH14 0421A	GSH14 0481A	GSH14 0601A
Capacities and Ratings							
Nominal Cooling (BTU/h)	18,000	24,000	28,000	34,600	39,600	46,000	55,000
Nominal Heating (BTU/h)	18,000	24,000	27,600	34,600	39,600	46,000	55,000
Decibels	70	72	72	73	73	74	75
Compressor							
RLA	9	10.9	12.2	13.4	16.0	18.3	19.8
LRA	41.0	54.0	63.0	73.0	88.0	109.0	137.0
Condenser Fan Motor							
Horsepower	1/12	1/6	1/6	1/4	1/4	1/4	1/4
FLA	0.6	1.10	1.10	1.50	1.50	1.50	1.50
Refrigeration System							
Refrigerant Line Size¹							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	7/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	160	160	165	220	220	280	285
Shipped with Orifice Size	TXV	TXV	TXV	TXV	TXV	TXV	TXV
Electrical Data							
Volts / Hz / Phase	208/230-60-1				208/230-60-1		
Minimum Circuit Ampacity ²	11.8	14.7	16.3	18.3	21.5	27.8	27.3
Max. Overcurrent Protection ³	20	20	20	30	30	40	40
Min / Max Volts	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
Ship Weight (lbs)	199	207	207	242	242	266	280

¹ Tested and rated in accordance with ARI Standard 210/240

² Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

³ Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

Notes

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.
- Installation of these units requires the specified TXV Kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

EXPANDED COOLING DATA — GSH140181A* / CA*F3131B6A*+TXV / MBR800**~1

		Outdoor Ambient Temperature																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		Entering Indoor Wet Bulb Temperature																																															
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
70	675	MBh	17.6	18.3	20.0	-	17.2	17.9	19.6	-	16.8	17.4	19.1	-	16.4	17.0	18.6	-	15.6	16.2	17.7	-	14.4	15.0	16.4	-	14.4	15.0	16.4	-	14.4	15.0	16.4	-															
		S/T	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-															
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-															
		kW	1.20	1.22	1.26	-	1.29	1.32	1.36	-	1.37	1.40	1.44	-	1.44	1.47	1.51	-	1.49	1.53	1.58	-	1.55	1.58	1.63	-	1.55	1.58	1.63	-	1.55	1.58	1.63	-															
		Amps	4.4	4.5	4.6	-	4.7	4.8	5.0	-	5.1	5.3	5.4	-	5.5	5.6	5.8	-	5.8	6.0	6.2	-	6.2	6.3	6.5	-	6.2	6.3	6.5	-	6.2	6.3	6.5	-															
	600	Hi PR	140	151	159	-	157	169	179	-	179	193	204	-	204	220	232	-	229	247	261	-	254	273	288	-	254	273	288	-	254	273	288	-															
		Lo PR	63	67	73	-	67	71	77	-	69	74	80	-	73	77	84	-	76	81	88	-	79	84	91	-	79	84	91	-	79	84	91	-															
		MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-	14.0	14.5	15.9	-	14.0	14.5	15.9	-															
		S/T	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-															
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-	18	15	12	-	18	15	12	-															
525	kW	1.19	1.22	1.25	-	1.28	1.31	1.35	-	1.36	1.38	1.43	-	1.42	1.46	1.50	-	1.48	1.51	1.56	-	1.53	1.57	1.62	-	1.53	1.57	1.62	-	1.53	1.57	1.62	-																
	Amps	4.4	4.5	4.6	-	4.7	4.8	5.0	-	5.1	5.2	5.4	-	5.4	5.6	5.7	-	5.8	5.9	6.1	-	6.1	6.2	6.5	-	6.1	6.2	6.5	-	6.1	6.2	6.5	-																
	Hi PR	139	150	158	-	156	168	177	-	177	191	202	-	202	217	230	-	227	245	258	-	251	270	285	-	251	270	285	-	251	270	285	-																
	Lo PR	62	66	72	-	66	70	76	-	68	73	79	-	72	76	83	-	75	80	88	-	78	83	91	-	78	83	91	-	78	83	91	-																
	MBh	15.8	16.4	17.9	-	15.4	16.0	17.5	-	15.1	15.6	17.1	-	14.7	15.2	16.7	-	14.0	14.5	15.9	-	12.9	13.4	14.7	-	12.9	13.4	14.7	-	12.9	13.4	14.7	-																
75	675	S/T	0.69	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-	0.79	0.66	0.46	-															
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	15	12	-	18	15	12	-	18	15	12	-															
		kW	1.16	1.19	1.22	-	1.25	1.28	1.31	-	1.32	1.35	1.39	-	1.39	1.42	1.46	-	1.45	1.48	1.52	-	1.50	1.53	1.58	-	1.50	1.53	1.58	-	1.50	1.53	1.58	-															
		Amps	4.2	4.3	4.5	-	4.6	4.7	4.8	-	5.0	5.1	5.2	-	5.3	5.4	5.6	-	5.6	5.7	5.9	-	5.9	6.1	6.3	-	5.9	6.1	6.3	-	5.9	6.1	6.3	-															
		Hi PR	135	145	153	-	151	163	172	-	172	185	195	-	196	211	223	-	220	237	250	-	244	262	277	-	244	262	277	-	244	262	277	-															
	600	Lo PR	60	64	70	-	64	68	74	-	66	71	77	-	70	74	81	-	73	78	85	-	76	80	88	-	76	80	88	-	76	80	88	-															
		MBh	17.94	18.47	19.99	21.45	17.52	18.04	19.53	20.96	17.10	17.61	19.06	20.46	16.69	17.2	18.60	19.96	15.85	16.32	17.67	18.96	14.68	15.12	16.36	17.56	14.68	15.12	16.36	17.56	14.68	15.12	16.36	17.56															
		S/T	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.86	0.65	0.42	0.97	0.87	0.66	0.42	0.97	0.87	0.66	0.42	0.97	0.87	0.66	0.42															
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	19	18	15	10	19	18	15	10															
		kW	1.21	1.23	1.27	1.31	1.30	1.33	1.37	1.41	1.38	1.41	1.45	1.50	1.45	1.48	1.53	1.58	1.51	1.54	1.59	1.64	1.56	1.59	1.64	1.70	1.56	1.59	1.64	1.70	1.56	1.59	1.64	1.70															
525	Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.1	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8	6.2	6.4	6.6	6.8	6.2	6.4	6.6	6.8																
	Hi PR	142	153	161	168	159	171	181	189	181	195	206	214	206	222	234	244	232	249	263	275	256	276	291	304	256	276	291	304	256	276	291	304																
	Lo PR	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	80	85	92	98	80	85	92	98	80	85	92	98																
	MBh	17.4	17.9	19.4	20.8	17.0	17.5	19.0	20.3	16.6	17.1	18.5	19.9	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4	14.3	14.7	15.9	17.1	14.3	14.7	15.9	17.1	14.3	14.7	15.9	17.1																
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.92	0.82	0.62	0.40	0.93	0.83	0.63	0.40	0.93	0.83	0.63	0.40	0.93	0.83	0.63	0.40																
75	600	ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	11	22	20	16	11	20	19	15	11	20	19	15	11	20	19	15	11															
		kW	1.20	1.23	1.26	1.30	1.29	1.32	1.36	1.40	1.37	1.40	1.44	1.49	1.44	1.47	1.51	1.56	1.49	1.53	1.58	1.63	1.55	1.58	1.63	1.68	1.55	1.58	1.63	1.68	1.55	1.58	1.63	1.68															
		Amps	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.2	5.1	5.3	5.4	5.6	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.4	6.5	6.8	6.2	6.4	6.5	6.8	6.2	6.4	6.5	6.8															
		Hi PR	140	151	160	166	158	170	179	187	179	193	204	212	204	220	232	242	230	247	261	272	254	273	288	301	254	273	288	301	254	273	288	301															
		Lo PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97	79	84	91	97	79	84	91	97															
	525	MBh	16.1	16.5	17.9	19.2	15.7	16.2	17.5	18.8	15.3	15.8	17.1	18.3	15.0	15.4	16.7	17.9	14.2	14.6	15.8	17.0	13.2	13.5	14.7	15.7	13.2	13.5	14.7	15.7	13.2	13.5	14.7	15.7															
		S/T	0.78	0.70	0.53	0.34	0.81	0.72	0.55	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.80	0.61	0.39	0.90	0.80	0.61	0.39	0.90	0.80	0.61	0.39															
		ΔT	22	20	17	11	22	20	17	12	22	21	17	12	22	21	17	12	22	20	17	12	21	19	16	11	21	19	16	11	21	19	16	11															
		kW	1.17	1.20	1.23	1.27	1.26	1.29	1.32	1.37	1.33	1.36	1.41	1.45	1.40	1.43	1.48	1.52	1.46	1.49	1.54	1.59	1.51	1.54	1.59	1.64	1.51	1.54	1.59	1.64	1.51	1.54	1.59	1.64															
		Amps	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.0	5.0	5.1	5.3	5.5	5.3	5.5	5.6	5.8	5.7	5																													

EXPANDED COOLING DATA — GSH140181A* / CA*F3131B6A*+TXV / MBR800** -1 (CONT.)

		Outdoor Ambient Temperature																115°F							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	18.26	18.65	19.93	21.31	17.83	18.22	19.47	20.81	17.41	17.79	19.00	20.31	16.98	17.35	18.54	19.82	16.13	16.49	17.61	18.83	14.94	15.27	16.32	17.44
	S/T	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.56	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61
	ΔT	23	22	19	15	23	22	20	16	24	22	20	16	23	23	20	16	22	22	19	16	20	21	18	14
	kW	1.22	1.24	1.28	1.32	1.31	1.34	1.38	1.42	1.39	1.42	1.46	1.51	1.46	1.49	1.54	1.59	1.52	1.55	1.60	1.65	1.57	1.61	1.66	1.71
	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.4	6.6	6.9
	Hi PR	143	154	163	170	161	173	183	190	183	197	208	217	208	224	237	247	234	252	266	278	259	278	294	307
	Lo PR	64	68	75	79	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99
	MBh	17.7	18.1	19.4	20.7	17.3	17.7	18.9	20.2	16.9	17.3	18.5	19.7	16.5	16.8	18.0	19.2	15.7	16.0	17.1	18.3	14.5	14.8	15.8	16.9
	S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.94	0.89	0.72	0.54	0.97	0.91	0.74	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	21	16	24	23	20	16	22	22	19	15
85	kW	1.21	1.23	1.27	1.31	1.30	1.33	1.37	1.41	1.38	1.41	1.45	1.50	1.45	1.48	1.53	1.58	1.51	1.54	1.59	1.64	1.56	1.59	1.64	1.70
	Amps	4.4	4.5	4.7	4.8	4.8	4.9	5.0	5.2	5.2	5.3	5.5	5.7	5.5	5.7	5.8	6.1	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8
	Hi PR	142	153	161	168	159	171	181	189	181	195	206	214	206	222	234	244	232	250	263	275	256	276	291	304
	Lo PR	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	80	85	92	98
	MBh	16.4	16.7	17.9	19.1	16.0	16.3	17.4	18.6	15.6	15.9	17.0	18.2	15.2	15.6	16.6	17.8	14.5	14.8	15.8	16.9	13.4	13.7	14.6	15.6
	S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.98	0.91	0.74	0.56	0.98	0.92	0.75	0.56
	ΔT	25	24	20	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	16	23	22	19	15
	kW	1.18	1.21	1.24	1.28	1.27	1.30	1.33	1.38	1.35	1.37	1.42	1.46	1.41	1.44	1.49	1.54	1.47	1.50	1.55	1.60	1.52	1.55	1.60	1.66
	Amps	4.3	4.4	4.6	4.7	4.7	4.8	4.9	5.1	5.0	5.2	5.3	5.5	5.4	5.5	5.7	5.9	5.7	5.8	6.0	6.3	6.0	6.2	6.4	6.6
	Hi PR	138	148	156	163	154	166	175	183	176	189	199	208	200	215	227	237	225	242	256	267	248	267	282	295
	Lo PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
85	MBh	18.58	18.93	19.83	21.16	18.14	18.49	19.37	20.66	17.71	18.05	18.91	20.17	17.28	17.61	18.45	19.68	16.42	16.73	17.52	18.70	15.21	15.50	16.23	17.32
	S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79
	ΔT	25	24	23	20	25	25	23	20	24	25	23	20	24	24	23	20	22	23	23	20	21	21	22	19
	kW	1.23	1.25	1.29	1.33	1.32	1.35	1.39	1.43	1.40	1.43	1.48	1.52	1.47	1.50	1.55	1.60	1.53	1.56	1.62	1.67	1.58	1.62	1.67	1.73
	Amps	4.5	4.6	4.8	4.9	4.9	5.0	5.1	5.3	5.3	5.4	5.6	5.8	5.6	5.8	5.9	6.2	6.0	6.1	6.3	6.6	6.3	6.5	6.7	6.9
	Hi PR	145	156	164	171	162	175	184	192	185	199	210	219	210	226	239	249	237	255	269	280	261	281	297	310
	Lo PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100
	MBh	18.0	18.4	19.3	20.5	17.6	18.0	18.8	20.1	17.2	17.5	18.4	19.6	16.8	17.1	17.9	19.1	15.9	16.2	17.0	18.2	14.8	15.0	15.8	16.8
	S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.76
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	24	25	24	21	23	23	22	19
85	kW	1.22	1.24	1.28	1.32	1.31	1.34	1.38	1.42	1.39	1.42	1.46	1.51	1.46	1.49	1.54	1.59	1.52	1.55	1.60	1.65	1.57	1.61	1.66	1.71
	Amps	4.5	4.6	4.7	4.9	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.4	6.6	6.9
	Hi PR	143	154	163	170	161	173	183	190	183	197	208	217	208	224	237	247	234	252	266	278	259	278	294	307
	Lo PR	64	68	75	79	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99
	MBh	16.6	17.0	17.8	19.0	16.3	16.6	17.4	18.5	15.9	16.2	16.9	18.1	15.5	15.8	16.5	17.6	14.7	15.0	15.7	16.8	13.6	13.9	14.5	15.5
	S/T	0.90	0.87	0.78	0.63	0.93	0.90	0.81	0.66	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	0.99	0.90	0.73
	ΔT	26	26	24	21	26	26	25	21	27	26	25	21	27	26	25	21	26	26	24	21	24	24	23	20
	kW	1.19	1.22	1.25	1.29	1.28	1.31	1.35	1.39	1.36	1.38	1.43	1.47	1.42	1.45	1.50	1.55	1.48	1.51	1.56	1.61	1.53	1.57	1.62	1.67
	Amps	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.1	5.1	5.2	5.4	5.6	5.4	5.6	5.7	5.9	5.8	5.9	6.1	6.3	6.1	6.2	6.4	6.7
	Hi PR	139	149	158	165	156	168	177	185	177	191	201	210	202	217	229	239	227	244	258	269	251	270	285	297
	Lo PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves. Design Subcooling, 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — GSH140241A* / CA*F3636B6A* +TXV / MBR800**1

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		Entering Indoor Wet Bulb Temperature																																			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	MBh	23.2	24.0	26.3	-	22.6	23.5	25.7	-	22.1	22.9	25.1	-	21.6	22.3	24.5	-	20.5	21.2	23.3	-	19.0	19.7	21.5	-	19.0	19.7	21.5	-								
	S/T	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.81	0.67	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-	0.87	0.73	0.50	-								
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	16	14	10	-								
	kW	1.62	1.65	1.70	-	1.73	1.77	1.82	-	1.84	1.87	1.93	-	1.93	1.97	2.03	-	2.00	2.04	2.11	-	2.07	2.11	2.18	-	2.07	2.11	2.18	-								
	Amps	10.1	10.2	10.4	-	10.5	10.7	10.9	-	11.1	11.2	11.4	-	11.5	11.7	11.9	-	11.9	12.1	12.4	-	12.4	12.6	12.8	-	12.4	12.6	12.8	-								
	Hi PR	134	145	153	-	151	162	171	-	172	185	195	-	195	210	222	-	220	237	250	-	243	261	276	-	243	261	276	-								
850	Lo PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	85	93	-	80	85	93	-								
	MBh	22.8	23.7	25.9	-	22.3	23.1	25.3	-	21.8	22.6	24.7	-	21.2	22.0	24.1	-	20.2	20.9	22.9	-	18.7	19.4	21.2	-	18.7	19.4	21.2	-								
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.64	0.45	-	0.80	0.66	0.46	-	0.83	0.69	0.48	-	0.83	0.70	0.48	-	0.83	0.70	0.48	-								
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-								
	kW	1.61	1.64	1.69	-	1.73	1.76	1.81	-	1.83	1.86	1.92	-	1.92	1.95	2.01	-	1.99	2.03	2.10	-	2.06	2.10	2.16	-	2.06	2.10	2.16	-								
	Amps	10.1	10.2	10.4	-	10.5	10.6	10.8	-	11.0	11.2	11.4	-	11.5	11.6	11.9	-	11.9	12.1	12.3	-	12.3	12.5	12.8	-	12.3	12.5	12.8	-								
750	Hi PR	134	144	152	-	150	161	170	-	170	183	194	-	194	209	221	-	218	235	248	-	241	260	274	-	241	260	274	-								
	Lo PR	64	68	74	-	67	72	78	-	70	75	81	-	74	78	85	-	77	82	90	-	80	85	93	-	80	85	93	-								
	MBh	21.7	22.5	24.6	-	21.2	22.0	24.1	-	20.7	21.4	23.5	-	20.2	20.9	22.9	-	19.2	19.9	21.8	-	17.8	18.4	20.2	-	17.8	18.4	20.2	-								
	S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-	0.80	0.67	0.46	-								
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-								
	kW	1.59	1.62	1.67	-	1.70	1.73	1.79	-	1.80	1.84	1.89	-	1.89	1.92	1.98	-	1.96	2.00	2.06	-	2.02	2.07	2.13	-	2.02	2.07	2.13	-								
	Amps	10.0	10.1	10.3	-	10.4	10.5	10.7	-	10.9	11.1	11.3	-	11.3	11.5	11.7	-	11.8	11.9	12.2	-	12.2	12.4	12.6	-	12.2	12.4	12.6	-								
	Hi PR	131	141	149	-	147	158	167	-	167	180	190	-	190	205	216	-	214	230	243	-	236	254	269	-	236	254	269	-								
	Lo PR	63	67	73	-	66	70	77	-	69	73	80	-	72	77	84	-	76	80	88	-	78	83	91	-	78	83	91	-								

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
950	MBh	23.57	24.27	26.27	28.19	23.02	23.70	25.65	27.53	22.47	23.14	25.04	26.88	21.92	22.57	24.43	26.22	20.83	21.44	23.21	24.91	19.29	19.86	21.50	23.08	19.29	19.86	21.50	23.08	19.29	19.86	21.50	23.08	19.29	19.86	21.50	23.08
	S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.94	0.85	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43	0.99	0.88	0.67	0.43	0.99	0.88	0.67	0.43	0.99	0.88	0.67	0.43
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	18	17	14	10	18	17	14	10	18	17	14	10	18	17	14	10
	kW	1.63	1.66	1.71	1.76	1.75	1.78	1.84	1.89	1.85	1.89	1.95	2.01	1.94	1.98	2.04	2.11	2.02	2.06	2.12	2.19	2.08	2.13	2.19	2.26	2.08	2.13	2.19	2.26	2.08	2.13	2.19	2.26	2.08	2.13	2.19	2.26
	Amps	10.2	10.3	10.5	10.7	10.6	10.7	10.9	11.2	11.1	11.3	11.5	11.8	11.6	11.7	12.0	12.3	12.2	12.2	12.5	12.8	12.5	12.7	12.9	13.2	12.5	12.7	12.9	13.2	12.5	12.7	12.9	13.2	12.5	12.7	12.9	13.2
	Hi PR	136	146	154	161	152	164	173	181	173	187	197	205	197	212	224	234	222	239	252	263	245	264	279	291	245	264	279	291	245	264	279	291	245	264	279	291
850	Lo PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	78	83	91	97	81	86	94	100	81	86	94	100	81	86	94	100	81	86	94	100
	MBh	23.2	23.9	25.9	27.8	22.7	23.4	25.3	27.1	22.1	22.8	24.7	26.5	21.6	22.2	24.1	25.8	20.5	21.1	22.9	24.5	19.0	19.6	21.2	22.7	19.0	19.6	21.2	22.7	19.0	19.6	21.2	22.7	19.0	19.6	21.2	22.7
	S/T	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41	0.95	0.85	0.64	0.41	0.95	0.85	0.64	0.41	0.95	0.85	0.64	0.41
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10	19	18	15	10	19	18	15	10	19	18	15	10
	kW	1.62	1.66	1.70	1.75	1.74	1.77	1.83	1.88	1.84	1.88	1.94	2.00	1.93	1.97	2.03	2.09	2.01	2.05	2.11	2.18	2.07	2.12	2.18	2.25	2.07	2.12	2.18	2.25	2.07	2.12	2.18	2.25	2.07	2.12	2.18	2.25
	Amps	10.1	10.2	10.4	10.6	10.6	10.7	10.9	11.1	11.1	11.2	11.5	11.7	11.5	11.7	11.9	12.2	12.0	12.2	12.4	12.7	12.4	12.6	12.9	13.2	12.4	12.6	12.9	13.2	12.4	12.6	12.9	13.2	12.4	12.6	12.9	13.2
750	Hi PR	135	145	153	160	151	163	172	179	172	185	196	204	196	211	223	232	221	237	251	261	244	262	277	289	244	262	277	289	244	262	277	289	244	262	277	289
	Lo PR	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	90	96	81	86	94	100	81	86	94	100	81	86	94	100	81	86	94	100
	MBh	22.1	22.7	24.6	26.4	21.5	22.2	24.0	25.8	21.0	21.7	23.4	25.2	20.5	21.13	22.9	24.5	19.5	20.1	21.7	23.3	18.1	18.6	20.1	21.6	18.1	18.6	20.1	21.6	18.1	18.6	20.1	21.6	18.1	18.6	20.1	21.6
	S/T	0.79	0.71	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.40	0.91	0.81	0.61	0.40	0.91	0.81	0.61	0.40	0.91	0.81	0.61	0.40
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10
	kW	1.60	1.63	1.68	1.73	1.71	1.75	1.80	1.85	1.81	1.85	1.91	1.96	1.90	1.94	2.00	2.06	1.98	2.02	2.08	2.14	2.04	2.08	2.15	2.22	2.04	2.08	2.15	2.22	2.04	2.08	2.15	2.22	2.04	2.08	2.15	2.22
750	Amps	10.0	10.1	10.3	10.5	10.5	10.6	10.8	11.0	11.0	11.1	11.3	11.6	11.4	11.6	11.8	12.1	11.8	12.0	12.3	12.6	12.3	12.5	12.7	13.0	12.3	12.5	12.7	13.0	12.3	12.5	12.7	13.0	12.3	12.5	12.7	13.0
	Hi PR	132	142	150	157	148	160	169	176	169	182	192	200	192	207	218	228	216	233	246	256	239	257	271	283	239	257	271	283	239	257	271	283	239	257	271	283
	Lo PR	63	67	73	78	67	71	77	83	69	74	81	86	73	77	85	90	76	81	89	94	79	84	92	98	79	84	92	98	79	84	92	98	79	84	92	98

EXPANDED COOLING DATA — GSH140241A* / CA*F3636B6A* +TXV / MBR800**1 (CONT.)

		Outdoor Ambient Temperature																													
		65°F					75°F					85°F					95°F					105°F					115°F				
IDB*	Airflow	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
80	MBh	23.99	24.51	26.19	27.99	29.93	23.43	23.94	25.58	27.34	29.27	22.87	23.37	24.97	26.69	28.41	22.31	22.80	24.36	26.04	27.76	21.20	21.66	23.14	24.74	19.64	20.06	21.44	22.92	24.40	
	S/T	0.94	0.89	0.72	0.54	0.37	0.98	0.92	0.75	0.56	0.39	1.00	0.94	0.77	0.57	0.40	1.00	0.97	0.79	0.59	0.41	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62	0.43	
	ΔT	22	21	18	15	12	22	21	19	15	12	22	21	19	15	12	22	21	19	15	12	21	21	18	15	19	19	17	14	11	
	kW	1.64	1.68	1.73	1.78	1.83	1.76	1.80	1.85	1.91	1.96	1.86	1.90	1.96	2.02	2.07	1.96	2.00	2.06	2.12	2.17	2.03	2.08	2.14	2.21	2.10	2.14	2.21	2.28	2.35	
	Amps	10.2	10.3	10.5	10.7	10.9	10.7	10.8	11.0	11.2	11.4	11.2	11.3	11.6	11.8	12.0	11.6	11.8	12.0	12.3	12.5	12.4	12.3	12.5	12.8	12.5	12.7	13.0	13.3	13.6	
	Hi PR	137	148	156	163	171	154	166	175	182	190	175	188	199	208	217	199	215	227	236	244	224	241	255	266	248	267	282	294	306	318
	Lo PR	66	70	76	81	86	69	74	80	86	92	72	77	84	89	94	76	80	88	94	99	79	84	92	98	82	87	95	101	107	
	MBh	23.6	24.1	25.8	27.6	29.4	23.1	23.6	25.2	26.9	28.6	22.5	23.0	24.6	26.3	28.0	22.0	22.5	24.0	25.7	27.4	21.2	21.7	23.2	24.8	19.3	19.8	21.1	22.6	24.1	
	S/T	0.90	0.85	0.69	0.52	0.35	0.94	0.88	0.72	0.53	0.36	0.96	0.90	0.73	0.55	0.38	0.99	0.93	0.76	0.57	0.40	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59	0.40	
	ΔT	23	22	19	15	12	23	22	20	16	13	23	22	20	16	13	24	23	20	16	13	23	22	19	15	21	21	18	14	11	
85	kW	1.64	1.67	1.72	1.77	1.82	1.75	1.79	1.84	1.90	1.95	1.85	1.89	1.95	2.01	2.06	1.95	1.99	2.05	2.11	2.16	2.02	2.06	2.13	2.20	2.09	2.13	2.20	2.27	2.34	
	Amps	10.2	10.3	10.5	10.7	10.9	10.6	10.8	11.0	11.2	11.4	11.1	11.3	11.5	11.8	12.0	11.6	11.8	12.0	12.3	12.5	12.4	12.3	12.5	12.8	12.5	12.7	13.0	13.3	13.6	
	Hi PR	136	147	155	161	168	153	165	174	181	189	174	187	198	206	214	198	213	225	235	244	223	240	253	264	246	265	280	292	304	
	Lo PR	65	69	76	81	86	69	73	80	85	90	71	76	83	88	93	75	80	87	93	97	79	84	91	97	81	87	95	101	107	
	MBh	22.5	22.9	24.5	26.2	27.9	21.9	22.4	23.9	25.6	27.3	21.4	21.9	23.4	25.0	26.7	20.9	21.3	22.8	24.4	26.0	20.2	20.6	22.1	23.7	18.4	18.8	20.1	21.4	22.8	
	S/T	0.87	0.81	0.66	0.49	0.32	0.90	0.84	0.69	0.51	0.34	0.92	0.86	0.70	0.53	0.36	0.95	0.89	0.73	0.54	0.37	0.99	0.93	0.75	0.56	0.99	0.93	0.76	0.57	0.38	
	ΔT	24	23	20	16	13	24	23	20	16	13	24	23	20	16	13	24	23	20	16	13	24	23	20	16	22	21	19	15	12	
	kW	1.61	1.64	1.69	1.74	1.79	1.73	1.76	1.81	1.87	1.92	1.83	1.86	1.92	1.98	2.03	1.92	1.95	2.01	2.08	2.14	2.02	2.06	2.13	2.20	2.06	2.10	2.16	2.23	2.30	
	Amps	10.1	10.2	10.4	10.6	10.8	10.5	10.6	10.8	11.1	11.3	11.0	11.2	11.4	11.6	11.8	11.5	11.6	11.9	12.1	12.3	12.2	12.3	12.5	12.8	12.3	12.5	12.8	13.1	13.4	
	Hi PR	134	144	152	158	165	150	161	170	178	186	170	183	194	202	210	194	209	221	230	238	218	235	248	259	241	260	274	286	298	
Lo PR	64	68	74	79	84	67	72	78	83	88	70	75	81	87	92	74	78	85	91	96	77	82	90	95	80	85	93	99	105		

85	MBh	24.41	24.88	26.06	27.80	29.54	23.84	24.30	25.45	27.15	28.84	23.27	23.72	24.84	26.51	28.18	22.70	23.14	24.24	25.86	27.44	21.57	21.99	23.03	24.57	19.98	20.37	21.33	22.76	24.19
	S/T	0.99	0.96	0.86	0.70	0.53	1.00	0.99	0.89	0.73	0.56	1.00	1.00	0.92	0.74	0.57	1.00	1.00	0.95	0.77	0.59	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80	0.61
	ΔT	23	23	22	19	16	23	23	22	19	16	23	23	22	19	16	23	22	22	19	16	21	21	22	19	19	20	20	18	15
	kW	1.66	1.69	1.74	1.79	1.84	1.77	1.81	1.86	1.92	1.97	1.88	1.92	1.98	2.04	2.09	1.97	2.01	2.07	2.14	2.20	2.05	2.09	2.16	2.23	2.12	2.16	2.23	2.30	2.37
	Amps	10.3	10.4	10.6	10.8	11.0	10.7	10.9	11.1	11.3	11.5	11.2	11.4	11.6	11.9	12.1	11.7	11.9	12.1	12.4	12.6	12.4	12.3	12.6	12.9	12.6	12.8	13.1	13.4	13.7
	Hi PR	139	149	157	164	171	155	167	177	184	191	177	190	201	210	218	201	217	229	239	247	227	244	258	269	250	269	285	297	309
	Lo PR	66	70	77	82	87	70	74	81	87	92	73	77	84	90	95	76	81	89	94	99	80	85	93	99	83	88	96	102	108
	MBh	24.0	24.5	25.7	27.4	29.1	23.5	23.9	25.1	26.8	28.4	22.9	23.4	24.5	26.1	27.6	22.4	22.8	23.9	25.5	27.0	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4	23.8
	S/T	0.95	0.92	0.83	0.67	0.50	0.98	0.95	0.86	0.69	0.52	1.00	0.97	0.88	0.71	0.54	1.00	1.00	0.91	0.74	0.56	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77	0.58
	ΔT	25	24	23	20	17	25	25	23	20	17	24	25	23	20	17	24	25	23	20	17	23	23	23	20	21	22	22	19	16
750	kW	1.65	1.68	1.73	1.78	1.83	1.77	1.80	1.85	1.91	1.96	1.87	1.91	1.97	2.03	2.08	1.96	2.00	2.06	2.13	2.18	2.04	2.08	2.15	2.21	2.11	2.15	2.22	2.29	2.36
	Amps	10.2	10.4	10.5	10.8	11.0	10.7	10.8	11.0	11.3	11.5	11.2	11.4	11.6	11.8	12.0	11.7	11.8	12.1	12.4	12.6	12.4	12.3	12.6	12.9	12.6	12.8	13.0	13.4	13.8
	Hi PR	138	148	156	163	170	154	166	175	183	190	176	189	200	208	216	200	215	227	237	245	225	242	256	267	249	268	283	295	307
	Lo PR	66	70	76	81	86	69	74	81	86	91	72	77	84	89	94	76	81	88	94	99	79	85	92	98	82	87	95	102	109
	MBh	22.8	23.3	24.4	26.0	27.5	22.3	22.7	23.8	25.4	26.9	21.8	22.2	23.3	24.8	26.3	21.2	21.7	22.7	24.2	25.7	20.2	20.6	21.6	23.0	18.7	19.1	20.0	21.3	22.7
	S/T	0.91	0.88	0.79	0.64	0.47	0.94	0.91	0.82	0.67	0.50	0.97	0.93	0.84	0.68	0.51	1.00	0.96	0.87	0.70	0.52	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74	0.55
	ΔT	25	25	24	20	17	26	25	24	21	18	26	25	24	21	18	26	26	24	21	18	25	25	24	21	23	23	22	19	16
	kW	1.62	1.66	1.70	1.75	1.80	1.74	1.77	1.83	1.88	1.93	1.84	1.88	1.93	1.99	2.04	1.93	1.97	2.03	2.09	2.14	2.01	2.05	2.11	2.18	2.07	2.12	2.18	2.25	2.32
	Amps	10.1	10.2	10.4	10.6	10.8	10.6	10.7	10.9	11.1	11.3	11.1	11.2	11.5	11.7	11.9	11.5	11.7	11.9	12.2	12.4	12.0	12.2	12.4	12.7	12.4	12.6	12.9	13.2	13.5
	Hi PR	135	145	153	160	167	151	163	172	179	186	172	185	196	204	211	196	211	223	232	240	221	237	251	261	244	262	277	289	301
	Lo PR	64	69	75	80	85	68	72	79	84	89	71	75	82	88	93	74	79	86	92	97	78	83	90	96	81	86	94	100	106

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves. Design Subcooling, 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — GSH140301A* / CA*F3636B6A* + TXV / MBR1200** -1

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		Entering Indoor Wet Bulb Temperature																																			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	MBh	27.4	28.4	31.2	-	26.8	27.8	30.4	-	26.2	27.1	29.7	-	25.5	26.5	29.0	-	24.2	25.1	27.5	-	22.5	23.3	25.5	-	22.5	23.3	25.5	-								
	S/T	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.85	0.71	0.49	-	0.88	0.73	0.51	-	0.91	0.76	0.53	-	0.92	0.77	0.53	-	0.92	0.77	0.53	-								
	ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	14	10	-	16	14	10	-								
	1214	kW	1.84	1.87	1.93	-	1.97	2.00	2.06	-	2.08	2.12	2.18	-	2.18	2.22	2.29	-	2.26	2.31	2.38	-	2.33	2.38	2.46	-	2.33	2.38	2.46	-							
	Amps	6.4	6.6	6.8	-	6.9	7.1	7.3	-	7.5	7.7	7.9	-	8.0	8.2	8.4	-	8.5	8.7	9.0	-	9.0	9.2	9.5	-	9.0	9.2	9.5	-								
	Hi PR	137	148	156	-	154	166	175	-	175	188	199	-	199	215	227	-	224	241	255	-	248	267	282	-	248	267	282	-								
	Lo PR	64	68	75	-	68	72	79	-	70	75	82	-	74	79	86	-	78	83	90	-	80	85	93	-	80	85	93	-								
	MBh	26.6	27.6	30.3	-	26.0	27.0	29.5	-	25.4	26.3	28.8	-	24.8	25.7	28.1	-	23.5	24.4	26.7	-	21.8	22.6	24.8	-	21.8	22.6	24.8	-								
	S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-	0.88	0.73	0.51	-								
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-	16	14	11	-								
	kW	1.82	1.86	1.91	-	1.95	1.99	2.05	-	2.06	2.10	2.17	-	2.16	2.20	2.27	-	2.24	2.29	2.36	-	2.32	2.36	2.44	-	2.32	2.36	2.44	-								
Amps	6.4	6.5	6.7	-	6.8	7.0	7.2	-	7.4	7.6	7.8	-	7.9	8.1	8.4	-	8.4	8.6	8.9	-	8.9	9.1	9.4	-	8.9	9.1	9.4	-									
Hi PR	136	146	154	-	152	164	173	-	173	187	197	-	197	212	224	-	222	239	252	-	245	264	279	-	245	264	279	-									
Lo PR	64	68	74	-	67	71	78	-	70	74	81	-	73	78	85	-	77	82	89	-	79	85	92	-	79	85	92	-									
945	MBh	24.6	25.5	27.9	-	24.0	24.9	27.3	-	23.4	24.3	26.6	-	22.9	23.7	26.0	-	21.7	22.5	24.7	-	20.1	20.9	22.9	-	20.1	20.9	22.9	-								
	S/T	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-								
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-	17	14	11	-								
	kW	1.79	1.82	1.87	-	1.91	1.94	2.00	-	2.02	2.06	2.12	-	2.11	2.15	2.22	-	2.19	2.24	2.30	-	2.26	2.31	2.38	-	2.26	2.31	2.38	-								
	Amps	6.2	6.3	6.5	-	6.7	6.8	7.0	-	7.2	7.4	7.6	-	7.7	7.9	8.1	-	8.2	8.4	8.6	-	8.6	8.8	9.1	-	8.6	8.8	9.1	-								
	Hi PR	132	142	150	-	148	159	168	-	168	181	191	-	191	206	218	-	215	232	245	-	238	256	270	-	238	256	270	-								
	Lo PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	74	79	87	-	77	82	89	-	77	82	89	-								

1214	MBh	27.90	28.73	31.10	33.37	27.25	28.06	30.37	32.60	26.60	27.39	29.65	31.82	25.96	26.72	28.93	31.05	24.66	25.39	27.48	29.49	22.84	23.52	25.46	27.32
	S/T	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	1.00	0.89	0.68	0.44	1.00	0.93	0.70	0.45	1.00	0.94	0.71	0.46
	ΔT	19	18	15	10	19	18	15	10	19	18	15	10	20	18	15	10	19	18	15	10	17	17	14	9
	kW	1.85	1.89	1.94	2.00	1.98	2.02	2.08	2.14	2.09	2.14	2.20	2.27	2.19	2.24	2.31	2.38	2.28	2.33	2.40	2.47	2.35	2.40	2.48	2.55
	Amps	6.5	6.6	6.8	7.1	7.0	7.1	7.4	7.6	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.8	9.0	9.4	9.0	9.3	9.6	9.9
	Hi PR	139	149	157	164	155	167	177	184	177	190	201	210	201	217	229	239	227	244	257	269	250	269	284	297
	Lo PR	65	69	75	80	68	73	80	85	71	76	83	88	75	80	87	92	78	83	91	97	81	86	94	100
	MBh	27.1	27.9	30.2	32.4	26.5	27.2	29.5	31.6	25.8	26.6	28.8	30.9	25.2	25.9	28.1	30.1	23.9	24.6	26.7	28.6	22.2	22.8	24.7	26.5
	S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.92	0.83	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43
	ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	11	19	17	14	10
	1080	kW	1.84	1.87	1.93	1.98	1.97	2.00	2.06	2.12	2.08	2.12	2.18	2.25	2.18	2.22	2.29	2.36	2.26	2.31	2.38	2.45	2.33	2.38	2.46
Amps		6.4	6.6	6.8	7.0	6.9	7.1	7.3	7.6	7.5	7.7	7.9	8.2	8.0	8.2	8.4	8.7	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.8
Hi PR		137	148	156	163	154	166	175	182	175	188	199	208	199	215	227	236	224	241	255	266	248	267	282	294
Lo PR		64	68	75	79	68	72	79	84	70	75	82	87	74	79	86	92	78	83	90	96	80	85	93	99
MBh		25.0	25.7	27.9	29.9	24.4	25.1	27.2	29.2	23.8	24.5	26.6	28.5	23.3	23.9	25.9	27.8	22.1	22.8	24.6	26.4	20.5	21.1	22.8	24.5
S/T		0.84	0.75	0.57	0.36	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.65	0.42	0.96	0.86	0.65	0.42
ΔT		20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	15	11	19	18	14	10
kW		1.80	1.83	1.88	1.94	1.92	1.96	2.02	2.08	2.03	2.07	2.13	2.20	2.13	2.17	2.24	2.30	2.21	2.25	2.32	2.40	2.28	2.33	2.40	2.47
Amps		6.2	6.4	6.6	6.8	6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.8	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.6
Hi PR		133	143	151	158	149	161	170	177	170	183	193	201	193	208	220	229	218	234	247	258	240	259	273	285
Lo PR		62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	90	96

EXPANDED COOLING DATA — GSH140301A* / CA*F3636B6A* + TXV / MBR1200** -1 (CONT.)

		Outdoor Ambient Temperature																115°F							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1214	MBh	28.40	29.02	31.00	33.14	27.74	28.34	30.28	32.37	27.08	27.67	29.56	31.60	26.42	26.99	28.84	30.83	25.10	25.64	27.40	29.29	23.25	23.75	25.38	27.13
	S/T	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.84	0.63	1.00	1.00	0.87	0.65	1.00	1.00	0.88	0.65
	ΔT	21	21	18	14	20	21	18	14	20	21	18	14	20	20	18	15	19	19	18	14	18	18	17	13
	kW	1.86	1.90	1.95	2.01	1.99	2.03	2.09	2.16	2.11	2.15	2.22	2.28	2.21	2.26	2.32	2.40	2.30	2.34	2.42	2.49	2.37	2.42	2.50	2.57
	Amps	6.5	6.7	6.9	7.1	7.0	7.2	7.4	7.7	7.6	7.8	8.0	8.3	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5	9.1	9.3	9.6	10.0
1080	HiPR	140	151	159	166	157	169	178	186	179	192	203	212	203	219	231	241	229	246	260	271	253	272	287	300
	Lo PR	65	70	76	81	69	74	80	86	72	76	84	89	76	80	88	93	79	84	92	98	82	87	95	101
	MBh	27.6	28.2	30.1	32.2	26.9	27.5	29.4	31.4	26.3	26.9	28.7	30.7	25.6	26.2	28.0	29.9	24.4	24.9	26.6	28.4	22.6	23.1	24.6	26.3
	S/T	0.95	0.89	0.73	0.54	0.99	0.93	0.75	0.56	1.00	0.95	0.77	0.58	1.00	0.98	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
	ΔT	22	21	19	15	23	22	19	15	22	22	19	15	22	22	19	15	21	21	19	15	19	20	18	14
945	kW	1.85	1.89	1.94	2.00	1.98	2.02	2.08	2.14	2.09	2.14	2.20	2.27	2.19	2.24	2.31	2.38	2.28	2.33	2.40	2.47	2.35	2.40	2.48	2.55
	Amps	6.5	6.6	6.8	7.1	7.0	7.1	7.4	7.6	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.8	9.0	9.4	9.0	9.3	9.6	9.9
	HiPR	139	149	157	164	156	167	177	184	177	190	201	210	201	217	229	239	227	244	258	269	250	269	285	297
	Lo PR	65	69	75	80	68	73	80	85	71	76	83	88	75	80	87	92	78	83	91	97	81	86	94	100
	MBh	25.4	26.0	27.8	29.7	24.9	25.4	27.1	29.0	24.3	24.8	26.5	28.3	23.7	24.2	25.8	27.6	22.5	23.0	24.6	26.2	20.8	21.3	22.7	24.3
945	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.01	0.94	0.77	0.57	1.05	0.98	0.80	0.60	1.05	0.99	0.80	0.60
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	20	18	14
	kW	1.81	1.85	1.90	1.95	1.94	1.97	2.03	2.09	2.05	2.09	2.15	2.21	2.14	2.19	2.25	2.32	2.23	2.27	2.34	2.41	2.30	2.35	2.42	2.49
	Amps	6.3	6.4	6.6	6.9	6.8	6.9	7.2	7.4	7.3	7.5	7.8	8.0	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.6
	HiPR	134	145	153	159	151	162	171	179	172	185	195	203	195	210	222	232	220	237	250	261	243	261	276	288
945	Lo PR	63	67	73	78	66	71	77	82	69	73	80	85	73	77	84	90	76	81	88	94	79	84	91	97

1214	MBh	28.89	29.45	30.85	32.91	28.22	28.77	30.13	32.14	27.55	28.08	29.41	31.38	26.88	27.40	28.70	30.61	25.53	26.03	27.26	29.08	23.65	24.11	25.25	26.94
	S/T	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.77	1.00	1.00	0.97	0.79	1.00	1.00	1.00	0.81	1.00	1.00	1.00	0.84	1.00	1.00	1.00	0.85
	ΔT	22	22	21	18	21	22	22	19	21	21	22	19	20	21	22	19	19	20	21	19	18	18	19	17
	kW	1.88	1.91	1.97	2.03	2.01	2.05	2.11	2.17	2.13	2.17	2.23	2.30	2.23	2.27	2.34	2.42	2.31	2.36	2.44	2.51	2.39	2.44	2.52	2.60
	Amps	6.6	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.7	7.9	8.1	8.4	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.1
1080	HiPR	141	152	161	168	159	171	180	188	180	194	205	214	205	221	234	244	231	249	263	274	255	275	290	303
	Lo PR	66	70	77	82	70	74	81	86	73	77	84	90	76	81	89	94	80	85	93	99	83	88	96	102
	MBh	28.1	28.6	29.9	32.0	27.4	27.9	29.3	31.2	26.7	27.3	28.6	30.5	26.1	26.6	27.9	29.7	24.8	25.3	26.5	28.2	23.0	23.4	24.5	26.2
	S/T	1.00	0.96	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
	ΔT	24	23	22	19	23	24	22	19	23	23	22	19	22	23	23	20	21	22	22	19	20	20	21	18
945	kW	1.86	1.90	1.95	2.01	1.99	2.03	2.09	2.16	2.11	2.15	2.22	2.28	2.21	2.26	2.32	2.40	2.30	2.34	2.42	2.49	2.37	2.42	2.50	2.57
	Amps	6.5	6.7	6.9	7.1	7.0	7.2	7.4	7.7	7.6	7.8	8.0	8.3	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.5	9.1	9.3	9.6	10.0
	HiPR	140	151	159	166	157	169	178	186	179	192	203	212	203	219	231	241	229	246	260	271	253	272	287	300
	Lo PR	65	70	76	81	69	74	80	86	72	76	84	89	76	80	88	93	79	84	92	98	82	87	95	101
	MBh	25.9	26.4	27.6	29.5	25.3	25.8	27.0	28.8	24.7	25.2	26.4	28.1	24.1	24.6	25.7	27.4	22.9	23.3	24.4	26.1	21.2	21.6	22.6	24.1
945	S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.71	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.96	0.78
	ΔT	24	24	23	20	25	24	23	20	24	24	23	20	23	24	23	20	22	23	23	20	21	21	21	18
	kW	1.82	1.86	1.91	1.97	1.95	1.99	2.05	2.11	2.06	2.10	2.17	2.23	2.16	2.20	2.27	2.34	2.24	2.29	2.36	2.43	2.32	2.36	2.44	2.51
	Amps	6.4	6.5	6.7	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.7
	HiPR	136	146	154	161	152	164	173	181	173	186	197	205	197	212	224	234	222	239	252	263	245	264	279	291
945	Lo PR	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	84	92	98

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW= Total system power Amps = outdoor unit amps (comp. + fan)
 High and low pressures are measured at the liquid and suction service valves. Design Subcooling, 9 ± 3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — GSH140361A* / CA*F4860C6A* +TXV / MBR1600** -1

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		Entering Indoor Wet Bulb Temperature																																			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	MBh	33.9	35.1	38.5	-	33.1	34.3	37.6	-	32.3	33.5	36.7	-	31.5	32.7	35.8	-	30.0	31.1	34.0	-	27.8	28.8	31.5	-	27.8	28.8	31.5	-								
	S/T	0.71	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-	0.82	0.68	0.47	-								
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-	17	15	11	-								
	kW	2.32	2.37	2.44	-	2.49	2.54	2.61	-	2.63	2.69	2.77	-	2.76	2.82	2.91	-	2.87	2.93	3.02	-	2.96	3.03	3.12	-	2.96	3.03	3.12	-								
	Amps	8.6	8.8	9.1	-	9.3	9.5	9.8	-	10.0	10.3	10.6	-	10.7	10.9	11.3	-	11.3	11.6	12.0	-	12.0	12.3	12.6	-	12.0	12.3	12.6	-								
	Hi PR	138	148	157	-	155	167	176	-	176	189	200	-	201	216	228	-	226	243	256	-	249	268	283	-	249	268	283	-								
	Lo PR	63	67	73	-	66	71	77	-	69	73	80	-	72	77	84	-	76	81	88	-	78	83	91	-	78	83	91	-								
	MBh	32.9	34.1	37.4	-	32.2	33.3	36.5	-	31.4	32.5	35.6	-	30.6	31.7	34.8	-	29.1	30.2	33.0	-	26.9	27.9	30.6	-	26.9	27.9	30.6	-								
	S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.65	0.45	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-								
	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	18	16	12	-	18	16	12	-								
	kW	2.31	2.35	2.42	-	2.47	2.52	2.59	-	2.61	2.67	2.75	-	2.74	2.80	2.88	-	2.85	2.91	3.00	-	2.94	3.00	3.10	-	2.94	3.00	3.10	-								
Amps	8.5	8.7	9.0	-	9.2	9.4	9.7	-	9.9	10.2	10.5	-	10.6	10.8	11.2	-	11.2	11.5	11.9	-	11.9	12.1	12.5	-	11.9	12.1	12.5	-									
Hi PR	137	147	155	-	153	165	174	-	174	188	198	-	199	214	226	-	223	240	254	-	247	266	280	-	247	266	280	-									
Lo PR	62	66	72	-	66	70	76	-	68	73	79	-	72	76	83	-	75	80	87	-	78	83	90	-	78	83	90	-									
932	MBh	30.4	31.5	34.5	-	29.7	30.8	33.7	-	29.0	30.0	32.9	-	28.3	29.3	32.1	-	26.9	27.8	30.5	-	24.9	25.8	28.2	-	24.9	25.8	28.2	-								
	S/T	0.66	0.55	0.38	-	0.68	0.57	0.39	-	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.75	0.63	0.44	-	0.75	0.63	0.44	-								
	ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-	18	16	12	-								
	kW	2.26	2.30	2.37	-	2.41	2.46	2.53	-	2.55	2.61	2.68	-	2.68	2.73	2.82	-	2.78	2.84	2.93	-	2.87	2.93	3.02	-	2.87	2.93	3.02	-								
	Amps	8.3	8.5	8.8	-	9.0	9.2	9.4	-	9.7	9.9	10.2	-	10.3	10.5	10.9	-	10.9	11.2	11.5	-	11.5	11.8	12.2	-	11.5	11.8	12.2	-								
	Hi PR	132	143	151	-	149	160	169	-	169	182	192	-	193	207	219	-	217	233	246	-	239	258	272	-	239	258	272	-								
	Lo PR	60	64	70	-	64	68	74	-	66	70	77	-	69	74	81	-	73	77	85	-	75	80	87	-	75	80	87	-								

1198	MBh	34.48	35.50	38.43	41.24	33.68	34.67	37.53	40.28	32.88	33.85	36.64	39.32	32.07	33.02	35.74	38.36	30.47	31.37	33.96	36.45	28.23	29.06	31.46	33.76
	S/T	0.81	0.72	0.55	0.35	0.84	0.75	0.57	0.37	0.86	0.77	0.58	0.38	0.89	0.80	0.60	0.39	0.92	0.83	0.62	0.40	0.93	0.83	0.63	0.41
	ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	10
	kW	2.34	2.39	2.46	2.53	2.51	2.56	2.63	2.71	2.65	2.71	2.79	2.88	2.78	2.84	2.93	3.02	2.89	2.95	3.05	3.14	2.99	3.05	3.15	3.25
	Amps	8.7	8.9	9.2	9.5	9.3	9.6	9.9	10.2	10.1	10.3	10.7	11.0	10.8	11.0	11.4	11.8	11.4	11.7	12.1	12.5	12.1	12.4	12.8	13.2
	Hi PR	139	150	158	165	156	168	178	185	178	191	202	211	203	218	230	240	228	245	259	270	252	271	286	298
	Lo PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98
	MBh	33.5	34.5	37.3	40.0	32.7	33.7	36.4	39.1	31.9	32.9	35.6	38.2	31.1	32.1	34.7	37.2	29.6	30.5	33.0	35.4	27.4	28.2	30.5	32.8
	S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.73	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.79	0.60	0.39
	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	22	21	17	12	21	19	16	11
	1065	kW	2.32	2.37	2.44	2.51	2.49	2.54	2.61	2.69	2.63	2.69	2.77	2.85	2.76	2.82	2.91	3.00	2.87	2.93	3.02	3.12	2.97	3.03	3.12
Amps		8.6	8.8	9.1	9.4	9.3	9.5	9.8	10.1	10.0	10.3	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.6	12.0	12.4	12.0	12.3	12.6	13.1
Hi PR		138	148	157	164	155	167	176	184	176	189	200	209	201	216	228	238	226	243	256	267	249	268	283	295
Lo PR		63	67	73	78	66	71	77	82	69	73	80	85	72	77	84	90	76	81	88	94	78	83	91	97
MBh		30.9	31.8	34.4	37.0	30.2	31.1	33.6	36.1	29.5	30.3	32.8	35.2	28.7	29.59	32.0	34.4	27.3	28.1	30.4	32.7	25.3	26.0	28.2	30.3
S/T		0.75	0.67	0.50	0.32	0.77	0.69	0.52	0.34	0.79	0.71	0.54	0.34	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.86	0.77	0.58	0.37
932	ΔT	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	20	16	11
	kW	2.27	2.32	2.38	2.45	2.43	2.48	2.55	2.63	2.57	2.63	2.70	2.79	2.70	2.75	2.84	2.93	2.80	2.86	2.95	3.04	2.90	2.96	3.05	3.14
	Amps	8.4	8.6	8.8	9.2	9.0	9.2	9.5	9.9	9.8	10.0	10.3	10.7	10.4	10.6	11.0	11.4	11.0	11.3	11.6	12.1	11.7	11.9	12.3	12.8
	Hi PR	134	144	152	159	150	162	171	178	171	184	194	202	195	209	221	231	219	236	249	259	242	260	275	287
	Lo PR	61	65	71	75	64	68	75	80	67	71	78	83	70	75	82	87	74	78	85	91	76	81	88	94

EXPANDED COOLING DATA — GSH140361A* / CA*F4860C6A* +TXV / MBR1600**-1 (CONT.)

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		Entering Indoor Wet Bulb Temperature																																			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	1198	MBh	35.09	35.86	38.31	40.95	34.28	35.03	37.42	40.00	33.46	34.19	36.53	39.05	32.64	33.36	35.64	38.10	31.01	31.69	33.86	36.19	28.73	29.35	31.36	33.53											
		S/T	0.89	0.83	0.68	0.51	0.92	0.86	0.70	0.53	0.94	0.89	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.95	0.77	0.58	1.00	0.96	0.78	0.58											
		DT	24	23	20	16	24	23	20	16	24	23	20	16	25	23	20	16	24	23	20	16	22	22	19	15											
		KW	2.36	2.40	2.47	2.55	2.53	2.58	2.65	2.74	2.67	2.73	2.81	2.90	2.81	2.86	2.95	3.05	2.92	2.98	3.07	3.17	3.01	3.08	3.17	3.28											
		Amps	8.8	9.0	9.2	9.6	9.4	9.6	9.9	10.3	10.2	10.4	10.8	11.1	10.9	11.1	11.5	11.9	11.5	11.8	12.2	12.6	12.2	12.5	12.9	13.3											
	1065	Hi PR	141	151	160	167	158	170	179	187	180	193	204	213	205	220	233	242	230	248	262	273	254	274	289	301											
		Lo PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99											
		MBh	34.1	34.8	37.2	39.8	33.3	34.0	36.3	38.8	32.5	33.2	35.5	37.9	31.7	32.4	34.6	37.0	30.1	30.8	32.9	35.1	27.9	28.5	30.4	32.5											
		S/T	0.85	0.79	0.65	0.48	0.88	0.82	0.67	0.50	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.97	0.91	0.74	0.56											
		DT	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	20	16											
932	KW	2.34	2.39	2.46	2.53	2.51	2.56	2.63	2.71	2.65	2.71	2.79	2.88	2.78	2.84	2.93	3.02	2.89	2.95	3.05	3.14	2.99	3.05	3.15	3.25												
	Amps	8.7	8.9	9.2	9.5	9.3	9.6	9.9	10.2	10.1	10.3	10.7	11.1	10.8	11.0	11.4	11.8	11.4	11.7	12.1	12.5	12.1	12.4	12.8	13.2												
	Hi PR	139	150	158	165	156	168	178	185	178	191	202	211	203	218	230	240	228	245	259	270	252	271	286	298												
	Lo PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	90	77	82	89	95	79	84	92	98												
	MBh	31.4	32.1	34.3	36.7	30.7	31.4	33.5	35.8	30.0	30.6	32.7	35.0	29.3	29.9	31.9	34.1	27.8	28.4	30.3	32.4	25.7	26.3	28.1	30.0												
932	S/T	0.82	0.77	0.62	0.47	0.85	0.79	0.65	0.48	0.87	0.81	0.66	0.50	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.94	0.88	0.72	0.54												
	DT	25	24	21	17	26	25	21	17	26	25	21	17	26	25	22	17	26	24	21	17	24	23	20	16												
	KW	2.29	2.33	2.40	2.47	2.45	2.50	2.57	2.65	2.59	2.65	2.73	2.81	2.72	2.77	2.86	2.95	2.83	2.88	2.97	3.07	2.92	2.98	3.07	3.17												
	Amps	8.5	8.7	8.9	9.2	9.1	9.3	9.6	9.9	9.8	10.1	10.4	10.8	10.5	10.7	11.1	11.5	11.1	11.4	11.7	12.2	11.8	12.0	12.4	12.9												
	Hi PR	135	145	154	160	152	163	172	180	173	186	196	204	196	211	223	233	221	238	251	262	244	263	278	289												
	Lo PR	61	65	71	76	65	69	75	80	68	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95												

85	1198	MBh	35.71	36.40	38.12	40.67	34.88	35.55	37.23	39.72	34.04	34.70	36.35	38.78	33.21	33.86	35.46	37.83	31.55	32.16	33.69	35.94	29.23	29.79	31.20	33.29
		S/T	0.93	0.90	0.81	0.66	0.97	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.92	0.75	1.00	1.00	0.93	0.76
		DT	26	25	24	21	26	25	24	21	26	25	24	21	25	26	24	21	24	25	24	21	22	23	22	19
		KW	2.38	2.42	2.49	2.57	2.55	2.60	2.67	2.76	2.70	2.75	2.83	2.92	2.83	2.89	2.98	3.07	2.94	3.00	3.10	3.19	3.04	3.10	3.20	3.30
		Amps	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.3	10.5	10.9	11.2	11.0	11.2	11.6	12.0	11.6	11.9	12.3	12.7	12.3	12.6	13.0	13.5
	Hi PR	142	153	162	169	160	172	181	189	181	195	206	215	207	222	235	245	232	250	264	276	257	276	292	304	
	Lo PR	65	69	75	80	68	73	79	84	71	76	82	88	75	79	87	92	78	83	91	97	81	86	94	100	
	1065	MBh	34.7	35.3	37.0	39.5	33.9	34.5	36.1	38.6	33.1	33.7	35.3	37.6	32.2	32.9	34.4	36.7	30.6	31.2	32.7	34.9	28.4	28.9	30.3	32.3
		S/T	0.89	0.86	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.98	0.89	0.72
		DT	27	26	25	21	27	26	25	22	27	27	25	22	27	27	25	22	26	26	25	22	24	25	23	20
KW		2.36	2.40	2.47	2.55	2.53	2.58	2.65	2.74	2.67	2.73	2.81	2.90	2.81	2.86	2.95	3.05	2.92	2.98	3.07	3.17	3.01	3.08	3.17	3.28	
Amps		8.8	9.0	9.2	9.6	9.4	9.6	9.9	10.3	10.2	10.4	10.8	11.1	10.9	11.1	11.5	11.9	11.5	11.8	12.2	12.6	12.2	12.5	12.9	13.3	
932	Hi PR	141	151	160	167	158	170	179	187	180	193	204	213	205	220	233	242	230	248	262	273	254	274	289	301	
	Lo PR	64	68	74	79	68	72	79	84	70	75	82	87	74	79	86	91	77	82	90	96	80	85	93	99	
	MBh	32.0	32.6	34.2	36.4	31.3	31.9	33.4	35.6	30.5	31.1	32.6	34.7	29.8	30.3	31.8	33.9	28.3	28.8	30.2	32.2	26.2	26.7	28.0	29.8	
	S/T	0.86	0.83	0.75	0.61	0.89	0.86	0.77	0.63	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.98	0.94	0.85	0.69	0.98	0.95	0.86	0.70	
	DT	27	27	25	22	27	27	25	22	27	27	25	22	28	27	26	22	27	27	22	22	25	25	24	20	
932	KW	2.31	2.35	2.42	2.49	2.47	2.52	2.59	2.67	2.61	2.67	2.75	2.83	2.74	2.80	2.88	2.97	2.85	2.91	3.00	3.09	2.94	3.00	3.10	3.20	
	Amps	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.0	9.9	10.2	10.5	10.9	10.6	10.8	11.2	11.6	11.2	11.5	11.9	12.3	11.9	12.1	12.5	13.0	
	Hi PR	137	147	155	162	153	165	174	182	174	188	198	207	198	214	226	235	223	240	254	265	247	265	280	292	
	Lo PR	62	66	72	77	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96	

Shaded area is ARI Rating Conditions
IDB: Entering Indoor Dry Bulb Temperature
kW=Total system power
Amps = outdoor unit amps (comp.+fan)
Design Subcooling, 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
High and low pressures are measured at the liquid and suction service valves.

75	1575	MBh	39.46	40.63	43.98	47.20	38.54	39.69	42.96	46.10	37.63	38.74	41.93	45.01	36.71	37.80	40.91	43.91	34.87	35.91	38.86	41.71	32.30	33.26	36.00	38.64
		S/T	0.89	0.80	0.60	0.39	0.92	0.83	0.63	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	1.00	0.91	0.69	0.44	1.00	0.92	0.69	0.45
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	16	11	19	18	15	10
		kW	2.60	2.65	2.73	2.81	2.79	2.84	2.92	3.01	2.95	3.01	3.10	3.19	3.09	3.15	3.25	3.35	3.21	3.27	3.38	3.48	3.31	3.38	3.49	3.60
		Amps	3.2	3.4	3.7	4.1	4.0	4.2	4.5	4.9	4.8	5.1	5.4	5.8	5.5	5.8	6.2	6.6	6.3	6.5	7.0	7.4	7.0	7.3	7.7	8.2
	1400	Hi PR	137	148	156	163	154	166	175	183	175	189	199	208	200	215	227	237	225	242	255	266	248	267	282	294
		Lo PR	64	68	74	79	67	72	78	83	70	74	81	87	73	78	85	91	77	82	89	95	80	85	93	99
		MBh	38.3	39.4	42.7	45.8	37.4	38.5	41.7	44.8	36.5	37.6	40.7	43.7	35.6	36.7	39.7	42.6	33.9	34.9	37.7	40.5	31.4	32.3	35.0	37.5
		S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.87	0.66	0.43
		ΔT	21	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	22	20	16	11	20	19	15	10
1225	kW	2.58	2.63	2.71	2.79	2.76	2.82	2.90	2.99	2.92	2.98	3.07	3.17	3.06	3.13	3.22	3.32	3.18	3.25	3.35	3.45	3.29	3.36	3.46	3.57	
	Amps	3.1	3.4	3.7	4.0	3.9	4.1	4.4	4.8	4.7	5.0	5.3	5.7	5.4	5.7	6.1	6.5	6.1	6.4	6.8	7.3	6.9	7.2	7.6	8.1	
	Hi PR	136	146	155	161	153	164	174	181	174	187	197	206	198	213	225	234	223	239	253	264	246	265	279	291	
	Lo PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	89	94	79	84	92	98	
	MBh	35.4	36.4	39.4	42.3	34.5	35.6	38.5	41.3	33.7	34.7	37.6	40.3	32.9	33.87	36.7	39.3	31.3	32.2	34.8	37.4	28.9	29.8	32.3	34.6	
	S/T	0.82	0.73	0.56	0.36	0.85	0.76	0.58	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.84	0.63	0.41	0.94	0.84	0.64	0.41	
	ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	17	11	20	19	15	11	
	kW	2.53	2.58	2.65	2.73	2.70	2.76	2.84	2.92	2.86	2.91	3.00	3.09	2.99	3.05	3.15	3.24	3.11	3.17	3.27	3.37	3.21	3.28	3.38	3.48	
	Amps	2.9	3.1	3.4	3.7	3.6	3.8	4.1	4.5	4.4	4.7	5.0	5.4	5.1	5.4	5.8	6.2	5.8	6.1	6.5	7.0	6.5	6.8	7.2	7.7	
	Hi PR	132	142	150	156	148	159	168	176	168	181	191	200	192	206	218	227	216	232	245	256	238	257	271	283	
Lo PR	61	65	71	76	65	69	75	80	67	71	78	83	71	75	82	87	74	79	86	91	76	81	89	95		

Shaded area is ACCA (TVA) conditions
High and low pressures are measured at the liquid and suction service valves.

IDB: Entering Indoor Dry Bulb Temperature
kW=Total system power
Amps = outdoor unit amps (comp.+fan)
Design Subcooling: 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — GSH140421A* / CA*F4860D6A*+TXV / MBR2000**-1 (CONT.)

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		Entering Indoor Wet Bulb Temperature																																			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	1575	MBh	40.16	41.04	43.85	46.87	39.23	40.09	42.83	45.78	38.30	39.13	41.81	44.69	37.36	38.18	40.79	43.60	35.49	36.27	38.75	41.42	32.88	33.60	35.89	38.37											
		S/T	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.85	0.64	1.00	1.00	0.86	0.64											
		ΔT	23	22	19	15	23	22	19	15	22	23	19	15	22	22	20	16	21	21	19	15	19	20	18	14											
		kW	2.62	2.67	2.75	2.83	2.81	2.86	2.95	3.03	2.97	3.03	3.12	3.22	3.11	3.18	3.27	3.37	3.23	3.30	3.40	3.51	3.34	3.41	3.51	3.63											
		Amps	3.3	3.5	3.8	4.2	4.0	4.3	4.6	5.0	4.9	5.2	5.5	5.9	5.6	5.9	6.3	6.8	6.4	6.7	7.1	7.6	7.1	7.4	7.9	8.4											
	1400	Hi PR	139	149	158	165	156	168	177	185	177	191	201	210	202	217	229	239	227	244	258	269	251	270	285	297											
		Lo PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93	100											
		MBh	39.0	39.8	42.6	45.5	38.1	38.9	41.6	44.4	37.2	38.0	40.6	43.4	36.3	37.1	39.6	42.3	34.5	35.2	37.6	40.2	31.9	32.6	34.8	37.3											
		S/T	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.99	0.93	0.76	0.57	1.00	0.96	0.78	0.58	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61											
		ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	21	23	20	16	21	21	19	15										
1225	kW	2.60	2.65	2.73	2.81	2.79	2.84	2.92	3.01	2.95	3.01	3.10	3.19	3.09	3.15	3.25	3.35	3.21	3.27	3.38	3.48	3.31	3.38	3.49	3.60												
	Amps	3.2	3.4	3.7	4.1	4.0	4.2	4.5	4.9	4.8	5.1	5.4	5.8	5.5	5.8	6.2	6.6	6.3	6.6	7.0	7.4	7.0	7.3	7.7	8.2												
	Hi PR	137	148	156	163	154	166	175	183	175	189	199	208	200	215	227	237	225	242	255	266	248	267	282	294												
	Lo PR	64	68	74	79	67	72	78	83	70	74	81	87	73	78	85	91	77	82	89	95	80	85	93	99												
	MBh	36.0	36.8	39.3	42.0	35.2	35.9	38.4	41.0	34.3	35.1	37.5	40.0	33.5	34.2	36.6	39.1	31.8	32.5	34.7	37.1	29.5	30.1	32.2	34.4												

85	1575	MBh	40.87	41.66	43.63	46.54	39.92	40.69	42.61	45.46	38.96	39.72	41.60	44.38	38.01	38.75	40.58	43.30	36.11	36.81	38.55	41.13	33.45	34.10	35.71	38.10	
		S/T	1.00	0.99	0.89	0.72	1.00	1.00	0.93	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	1.00	0.83	1.00	1.00	1.00	0.83	
		ΔT	24	24	23	20	23	24	23	20	23	23	23	20	22	23	23	20	21	21	21	23	20	20	20	21	19
		kW	2.64	2.69	2.77	2.85	2.83	2.88	2.97	3.06	2.99	3.05	3.14	3.24	3.14	3.20	3.30	3.40	3.26	3.33	3.43	3.54	3.36	3.44	3.54	3.65	
		Amps	3.4	3.6	3.9	4.3	4.1	4.4	4.7	5.1	5.0	5.3	5.6	6.1	5.7	6.0	6.4	6.9	6.5	6.8	7.2	7.7	7.2	7.5	8.0	8.5	
	Hi PR	140	151	159	166	157	169	179	186	179	193	203	212	204	219	232	242	229	247	261	272	253	273	288	300		
	Lo PR	65	69	75	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	86	94	101		
	1400	MBh	39.7	40.4	42.4	45.2	38.8	39.5	41.4	44.1	37.8	38.6	40.4	43.1	36.9	37.6	39.4	42.0	35.1	35.7	37.4	39.9	32.5	33.1	34.7	37.0	
		S/T	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.79	
		ΔT	25	25	24	21	25	25	24	21	25	25	24	21	24	25	24	21	23	23	24	21	21	22	22	19	
kW		2.62	2.67	2.75	2.83	2.81	2.86	2.95	3.03	2.97	3.03	3.12	3.22	3.11	3.18	3.27	3.37	3.23	3.30	3.40	3.51	3.34	3.41	3.51	3.63		
Amps		3.3	3.5	3.8	4.2	4.0	4.3	4.6	5.0	4.9	5.2	5.5	5.9	5.6	5.9	6.3	6.8	6.4	6.7	7.1	7.6	7.1	7.4	7.9	8.4		
Hi PR	139	149	158	165	156	168	177	185	177	191	201	210	202	217	229	239	227	244	258	269	251	270	285	297			
1225	Lo PR	64	68	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	80	86	93	100		
	MBh	36.6	37.3	39.1	41.7	35.8	36.5	38.2	40.7	34.9	35.6	37.3	39.8	34.1	34.7	36.4	38.8	32.4	33.0	34.5	36.9	30.0	30.6	32.0	34.1		
	S/T	0.94	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.94	0.77		
	ΔT	26	26	24	21	26	26	24	21	26	26	24	21	26	26	25	21	24	25	24	21	22	23	23	20		
	kW	2.57	2.61	2.69	2.77	2.74	2.80	2.88	2.97	2.90	2.96	3.05	3.14	3.04	3.10	3.20	3.29	3.16	3.22	3.32	3.43	3.26	3.33	3.43	3.54		
Amps	3.1	3.3	3.6	3.9	3.8	4.0	4.3	4.7	4.6	4.9	5.2	5.6	5.3	5.6	6.0	6.4	6.0	6.3	6.7	7.2	6.7	7.0	7.5	8.0			
Hi PR	135	145	153	160	151	163	172	179	172	185	195	204	196	211	222	232	220	237	250	261	243	262	276	288			
Lo PR	62	66	72	77	66	70	77	82	69	73	80	85	72	77	84	89	78	83	90	88	93	78	83	91	97		

Shaded area is ARI Rating Conditions
IDB: Entering Indoor Dry Bulb Temperature
kW=Total system power
Amps = outdoor unit amps (comp.+fan)
Design Subcooling, 9 ±3 °F @ the liquid service valve, ARI 95 test conditions
High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH140481A* / CA*F4860D6A*+TXV / MBR2000**-1

		Outdoor Ambient Temperature																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		Entering Indoor Wet Bulb Temperature																																															
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71																
70	MBh	45.1	46.7	51.2	-	44.0	45.6	50.0	-	43.0	44.5	48.8	-	41.9	43.5	47.6	-	39.8	41.3	45.2	-	36.9	38.2	41.9	-	36.9	38.2	41.9	-	36.9	38.2	41.9	-																
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-																
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-	17	14	11	-	17	14	11	-																
	kW	3.09	3.15	3.25	-	3.31	3.38	3.48	-	3.51	3.58	3.69	-	3.68	3.76	3.88	-	3.83	3.91	4.03	-	3.96	4.04	4.17	-	3.96	4.04	4.17	-	3.96	4.04	4.17	-																
	Amps	3.8	4.1	4.5	-	4.7	5.0	5.4	-	5.8	6.1	6.6	-	6.7	7.0	7.5	-	7.6	8.0	8.5	-	8.5	8.9	9.5	-	8.5	8.9	9.5	-	8.5	8.9	9.5	-																
	Hi PR	130	140	148	-	146	157	166	-	166	179	188	-	189	203	215	-	213	229	242	-	235	253	267	-	235	253	267	-	235	253	267	-																
	Lo PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-	77	82	90	-	77	82	90	-																
	MBh	43.8	45.4	49.7	-	42.7	44.3	48.5	-	41.7	43.2	47.4	-	40.7	42.2	46.2	-	38.7	40.1	43.9	-	35.8	37.1	40.7	-	35.8	37.1	40.7	-	35.8	37.1	40.7	-																
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.77	0.65	0.45	-	0.80	0.67	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-	0.81	0.68	0.47	-																
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-	17	15	11	-	17	15	11	-																
	kW	3.07	3.13	3.22	-	3.29	3.36	3.46	-	3.48	3.56	3.66	-	3.65	3.73	3.85	-	3.80	3.88	4.00	-	3.93	4.01	4.14	-	3.93	4.01	4.14	-	3.93	4.01	4.14	-																
Amps	3.7	4.0	4.4	-	4.6	4.9	5.3	-	5.7	6.0	6.4	-	6.6	6.9	7.4	-	7.5	7.8	8.4	-	8.4	8.8	9.3	-	8.4	8.8	9.3	-	8.4	8.8	9.3	-																	
Hi PR	129	138	146	-	144	155	164	-	164	177	187	-	187	201	213	-	210	226	239	-	233	250	264	-	233	250	264	-	233	250	264	-																	
Lo PR	61	65	71	-	65	69	75	-	67	71	78	-	70	75	82	-	74	79	86	-	76	81	89	-	76	81	89	-	76	81	89	-																	
75	MBh	40.4	41.9	45.9	-	39.5	40.9	44.8	-	38.5	39.9	43.7	-	37.6	38.9	42.7	-	35.7	37.0	40.5	-	33.1	34.3	37.5	-	33.1	34.3	37.5	-	33.1	34.3	37.5	-																
	S/T	0.68	0.57	0.39	-	0.71	0.59	0.41	-	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-																
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	13	-	19	16	12	-	18	15	12	-	18	15	12	-	18	15	12	-																
	kW	3.00	3.06	3.15	-	3.21	3.28	3.38	-	3.40	3.47	3.58	-	3.57	3.64	3.76	-	3.71	3.79	3.91	-	3.83	3.91	4.04	-	3.83	3.91	4.04	-	3.83	3.91	4.04	-																
	Amps	3.4	3.7	4.0	-	4.3	4.6	5.0	-	5.3	5.6	6.0	-	6.2	6.5	7.0	-	7.1	7.4	7.9	-	7.9	8.3	8.8	-	7.9	8.3	8.8	-	7.9	8.3	8.8	-																
	Hi PR	125	134	142	-	140	151	159	-	159	171	181	-	181	195	206	-	204	220	232	-	226	243	256	-	226	243	256	-	226	243	256	-																
	Lo PR	59	63	69	-	63	67	73	-	65	69	76	-	68	73	79	-	72	76	83	-	74	79	86	-	74	79	86	-	74	79	86	-																
	1744	MBh	45.84	47.20	51.09	54.83	44.77	46.10	49.90	53.55	43.71	45.00	48.71	52.28	42.64	43.90	47.52	51.00	40.51	41.71	45.15	48.45	37.52	38.64	41.82	44.88	37.52	38.64	41.82	44.88	37.52	38.64	41.82	44.88															
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.61	0.39	0.92	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.86	0.65	0.42	0.97	0.86	0.65	0.42	0.97	0.86	0.65	0.42															
		ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	20	19	15	11	19	18	14	10	19	18	14	10	19	18	14	10															
		kW	3.12	3.18	3.27	3.37	3.34	3.41	3.51	3.62	3.54	3.61	3.72	3.84	3.71	3.79	3.91	4.03	3.86	3.94	4.07	4.20	3.99	4.07	4.20	4.34	3.99	4.07	4.20	4.34	3.99	4.07	4.20	4.34															
Amps		3.9	4.2	4.6	5.0	4.8	5.1	5.6	6.0	5.9	6.2	6.7	7.2	6.8	7.2	7.7	8.2	7.7	8.1	8.6	9.3	8.7	9.1	9.6	10.3	8.7	9.1	9.6	10.3	8.7	9.1	9.6	10.3																
Hi PR		131	141	149	156	147	159	167	175	168	180	190	199	191	205	217	226	215	231	244	254	237	255	270	281	237	255	270	281	237	255	270	281																
Lo PR		62	66	72	77	66	70	76	81	68	73	79	85	72	76	83	89	75	80	87	93	78	83	91	96	78	83	91	96	78	83	91	96																
MBh		44.5	45.8	49.6	53.2	43.5	44.8	48.4	52.0	42.4	43.7	47.3	50.8	41.4	42.6	46.1	49.5	39.3	40.5	43.8	47.0	36.4	37.5	40.6	43.6	36.4	37.5	40.6	43.6	36.4	37.5	40.6	43.6																
S/T		0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40	0.92	0.82	0.62	0.40	0.92	0.82	0.62	0.40																
ΔT		21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10	20	18	15	10	20	18	15	10																
kW		3.09	3.15	3.25	3.34	3.31	3.38	3.48	3.59	3.51	3.58	3.69	3.81	3.68	3.76	3.88	4.00	3.83	3.91	4.03	4.16	3.96	4.04	4.17	4.31	3.96	4.04	4.17	4.31	3.96	4.04	4.17	4.31																
Amps	3.8	4.1	4.5	4.9	4.7	5.0	5.4	5.9	5.8	6.1	6.6	7.1	6.7	7.0	7.5	8.1	7.6	8.0	8.5	9.1	8.5	8.9	9.5	10.1	8.5	8.9	9.5	10.1	8.5	8.9	9.5	10.1																	
Hi PR	130	140	148	154	146	157	166	173	166	179	189	197	189	203	215	224	213	229	242	252	235	253	267	278	235	253	267	278	235	253	267	278																	
Lo PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95	77	82	90	95	77	82	90	95																	
1550	MBh	41.1	42.3	45.8	49.1	40.1	41.3	44.7	48.0	39.2	40.3	43.7	46.8	38.2	39.3	42.6	45.7	36.3	37.4	40.5	43.4	33.6	34.6	37.5	40.2	33.6	34.6	37.5	40.2	33.6	34.6	37.5	40.2																
	S/T	0.77	0.69	0.52	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39	0.89	0.80	0.60	0.39	0.89	0.80	0.60	0.39																
	ΔT	22	20	16	11	22	20	16	11	22	20	16	11	22	20	17	11	22	20	16	11	20	19	15	11	20	19	15	11	20	19	15	11																
	kW	3.02	3.08	3.17	3.27	3.24	3.30	3.40	3.51	3.43	3.50	3.61	3.72	3.60	3.67	3.79	3.90	3.74	3.82	3.94	4.06	3.86	3.94	4.07	4.20	3.86	3.94	4.07	4.20	3.86	3.94	4.07	4.20																
	Amps	3.5	3.8	4.1	4.6	4.4	4.7	5.1	5.6	5.4	5.7	6.2	6.7	6.3	6.6	7.1	7.7	7.2	7.6	8.1	8.6	8.1	8.4	9.0	9.6	8.1	8.4																						

EXPANDED COOLING DATA — GSH140481A* / CA*F4860D6A*+TXV / MBR2000**-1 (CONT.)

		Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		Entering Indoor Wet Bulb Temperature																																			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
80	MBh	46.66	47.67	50.93	54.45	45.57	46.57	49.75	53.18	44.49	45.48	48.56	51.92	43.40	44.35	47.38	50.65	41.23	42.13	45.01	48.12	38.19	39.03	41.69	44.57												
	S/T	0.92	0.87	0.70	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.60												
	ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	21	18	14												
	kW	3.14	3.20	3.30	3.40	3.37	3.43	3.54	3.65	3.57	3.64	3.75	3.87	3.74	3.82	3.94	4.07	3.89	3.97	4.10	4.23	4.02	4.11	4.24	4.38												
	Amps	4.0	4.3	4.7	5.1	5.0	5.3	5.7	6.2	6.0	6.4	6.8	7.4	7.0	7.3	7.8	8.4	7.9	8.3	8.8	9.4	8.8	9.2	9.8	10.4												
	Hi PR	133	143	151	157	149	160	169	176	169	182	192	201	193	207	219	228	217	233	246	257	240	258	272	284												
	Lo PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97												
	MBh	45.3	46.3	49.5	52.9	44.2	45.2	48.3	51.6	43.2	44.1	47.2	50.4	42.1	43.1	46.0	49.2	40.0	40.9	43.7	46.7	37.1	37.9	40.5	43.3												
	S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.94	0.77	0.57	1.00	0.95	0.77	0.58												
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	19	15												
1550	kW	3.12	3.18	3.27	3.37	3.34	3.41	3.51	3.62	3.54	3.61	3.72	3.84	3.71	3.79	3.91	4.03	3.86	3.94	4.07	4.20	3.99	4.08	4.20	4.34												
	Amps	3.9	4.2	4.6	5.0	4.8	5.1	5.6	6.0	5.9	6.2	6.7	7.2	6.8	7.2	7.7	8.2	7.8	8.1	8.7	9.3	8.7	9.1	9.6	10.3												
	Hi PR	131	141	149	156	147	159	167	175	168	180	190	199	191	205	217	226	215	231	244	255	237	255	270	281												
	Lo PR	62	66	72	77	66	70	76	81	68	73	79	85	72	76	84	89	75	80	88	93	78	83	91	96												
	MBh	41.8	42.7	45.6	48.8	40.8	41.7	44.6	47.7	39.9	40.7	43.5	46.5	38.9	39.7	42.5	45.4	36.9	37.8	40.3	43.1	34.2	35.0	37.4	39.9												
	S/T	0.85	0.80	0.65	0.48	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.51	0.93	0.87	0.71	0.53	0.97	0.91	0.74	0.55	0.97	0.91	0.74	0.56												
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	24	20	16	24	23	20	16	23	22	19	15												
	kW	3.05	3.11	3.20	3.29	3.26	3.33	3.43	3.53	3.46	3.53	3.63	3.75	3.63	3.70	3.82	3.94	3.77	3.85	3.97	4.10	3.89	3.98	4.10	4.23												
	Amps	3.6	3.9	4.2	4.7	4.5	4.8	5.2	5.7	5.5	5.9	6.3	6.8	6.4	6.8	7.3	7.8	7.3	7.7	8.2	8.8	8.2	8.6	9.1	9.8												
	Hi PR	127	137	145	151	143	154	162	169	163	175	185	193	185	199	210	219	208	224	237	247	230	248	262	273												
Lo PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94													

1744	MBh	47.47	48.39	50.68	54.07	46.37	47.26	49.50	52.81	45.26	46.14	48.32	51.55	44.16	45.01	47.14	50.29	41.95	42.76	44.79	47.78	38.86	39.61	41.49	44.26										
	S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79										
	ΔT	24	24	23	19	24	24	23	20	24	24	23	20	23	24	23	20	22	23	23	20	20	21	21	18										
	kW	3.16	3.23	3.32	3.42	3.39	3.46	3.57	3.68	3.59	3.67	3.78	3.90	3.77	3.85	3.97	4.10	3.92	4.01	4.13	4.27	4.05	4.14	4.27	4.41										
	Amps	4.1	4.4	4.8	5.3	5.1	5.4	5.8	6.3	6.2	6.5	7.0	7.5	7.1	7.5	8.0	8.5	8.0	8.4	9.0	9.6	9.0	9.4	9.9	10.6										
	Hi PR	134	144	152	159	150	162	171	178	171	184	194	203	195	210	221	231	219	236	249	260	242	260	275	287										
	Lo PR	64	68	74	79	67	71	78	83	70	74	81	86	73	78	85	91	77	82	89	95	79	85	92	98										
	MBh	46.1	47.0	49.2	52.5	45.0	45.9	48.1	51.3	43.9	44.8	46.9	50.1	42.9	43.7	45.8	48.8	40.7	41.5	43.5	46.4	37.7	38.5	40.3	43.0										
	S/T	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.68	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.92	0.75										
	ΔT	25	25	23	20	26	25	24	21	26	25	24	21	25	25	24	21	24	25	24	20	22	23	22	19										
1550	kW	3.14	3.20	3.30	3.40	3.37	3.43	3.54	3.65	3.57	3.64	3.75	3.87	3.74	3.82	3.94	4.07	3.89	3.97	4.10	4.23	4.02	4.11	4.24	4.38										
	Amps	4.0	4.3	4.7	5.1	5.0	5.3	5.7	6.2	6.0	6.4	6.8	7.4	7.0	7.3	7.8	8.4	7.9	8.3	8.8	9.4	8.8	9.2	9.8	10.4										
	Hi PR	133	143	151	157	149	160	169	176	169	182	192	201	193	207	219	228	217	233	246	257	240	258	272	284										
	Lo PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97										
	MBh	42.5	43.4	45.4	48.5	41.5	42.4	44.4	47.3	40.6	41.3	43.3	46.2	39.6	40.3	42.2	45.1	37.6	38.3	40.1	42.8	34.8	35.5	37.2	39.7										
	S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.80	0.65	0.95	0.91	0.82	0.67	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.72	1.00	0.99	0.89	0.72										
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	25	25	24	21	24	24	22	19										
	kW	3.07	3.13	3.22	3.32	3.29	3.35	3.46	3.56	3.48	3.55	3.66	3.78	3.65	3.73	3.85	3.97	3.80	3.88	4.00	4.13	3.93	4.01	4.14	4.27										
	Amps	3.7	4.0	4.4	4.8	4.6	4.9	5.3	5.8	5.7	6.0	6.4	6.9	6.6	6.9	7.4	7.9	7.5	7.8	8.3	8.9	8.4	8.7	9.3	9.9										
	Hi PR	129	138	146	152	144	155	164	171	164	177	187	195	187	201	212	222	210	226	239	249	232	250	264	275										
	Lo PR	61	65	71	76	65	69	75	80	67	71	78	83	70	75	82	87	74	79	86	91	76	81	89	94										

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW= Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves. Design Subcooling, 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — GSH140601A* / CA*F4860D6A* +TXV / MBR2000** -1

		Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	54.4	56.4	61.8	-	53.1	55.1	60.3	-	51.9	53.7	58.9	-	50.6	52.4	57.5	-	48.1	49.8	54.6	-	44.5	46.1	50.6	-
	S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.48	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
	ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	17	15	11	-
	kW	3.32	3.39	3.49	-	3.57	3.65	3.77	-	3.80	3.88	4.01	-	4.00	4.09	4.22	-	4.17	4.26	4.40	-	4.31	4.41	4.56	-
	Amps	12.1	12.4	12.8	-	13.1	13.4	13.9	-	14.2	14.6	15.1	-	15.2	15.6	16.1	-	16.2	16.6	17.2	-	17.2	17.6	18.2	-
	Hi PR	132	142	150	-	148	160	169	-	169	182	192	-	192	207	218	-	216	233	246	-	239	257	271	-
	Lo PR	59	63	69	-	63	67	73	-	65	69	76	-	69	73	80	-	72	76	83	-	74	79	86	-
	MBh	52.8	54.7	60.0	-	51.6	53.5	58.6	-	50.3	52.2	57.2	-	49.1	50.9	55.8	-	46.7	48.4	53.0	-	43.2	44.8	49.1	-
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.77	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.48	-
	ΔT	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	18	16	12	-
1850	kW	3.29	3.36	3.47	-	3.54	3.62	3.74	-	3.77	3.85	3.98	-	3.97	4.05	4.19	-	4.13	4.23	4.37	-	4.28	4.37	4.52	-
	Amps	12.0	12.3	12.7	-	13.0	13.3	13.7	-	14.1	14.5	14.9	-	15.1	15.5	16.0	-	16.1	16.5	17.0	-	17.1	17.5	18.1	-
	Hi PR	131	141	149	-	147	158	167	-	167	180	190	-	190	205	216	-	214	230	243	-	236	254	269	-
	Lo PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	74	78	85	-
	MBh	48.7	50.5	55.3	-	47.6	49.3	54.1	-	46.5	48.2	52.8	-	45.3	47.0	51.5	-	43.1	44.6	48.9	-	39.9	41.4	45.3	-
	S/T	0.70	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.45	-	0.80	0.67	0.46	-	0.81	0.67	0.47	-
1619	ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	18	16	12	-
	kW	3.21	3.28	3.38	-	3.46	3.53	3.65	-	3.68	3.76	3.88	-	3.87	3.95	4.08	-	4.03	4.12	4.25	-	4.17	4.26	4.40	-
	Amps	11.7	11.9	12.3	-	12.6	12.9	13.3	-	13.7	14.1	14.5	-	14.7	15.0	15.5	-	15.6	16.0	16.6	-	16.6	17.0	17.6	-
	Hi PR	127	137	144	-	142	153	162	-	162	174	184	-	185	199	210	-	208	223	236	-	229	247	261	-
	Lo PR	57	61	66	-	60	64	70	-	63	67	73	-	66	70	76	-	69	73	80	-	71	76	83	-

2081	MBh	55.31	56.94	61.64	66.15	54.02	55.62	60.20	64.61	52.73	54.30	58.77	63.08	51.45	52.97	57.34	61.54	48.88	50.32	54.47	58.46	45.27	46.61	50.46	54.15
	S/T	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.99	0.88	0.67	0.43	1.00	0.89	0.67	0.43
	ΔT	21	20	16	11	21	20	16	11	21	20	16	11	22	20	16	11	21	20	16	11	20	18	15	10
	kW	3.34	3.42	3.52	3.64	3.60	3.68	3.80	3.92	3.83	3.91	4.04	4.18	4.03	4.12	4.26	4.40	4.20	4.30	4.44	4.59	4.35	4.45	4.60	4.75
	Amps	12.2	12.5	12.9	13.4	13.2	13.5	14.0	14.5	14.4	14.7	15.2	15.8	15.4	15.8	16.3	16.9	16.4	16.8	17.4	18.0	17.4	17.8	18.4	19.1
	Hi PR	134	144	152	158	150	161	170	178	170	183	194	202	194	209	221	230	218	235	248	259	241	260	274	286
	Lo PR	60	64	70	74	63	67	74	78	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93
	MBh	53.7	55.3	59.8	64.2	52.4	54.0	58.4	62.7	51.2	52.7	57.1	61.2	50.0	51.4	55.7	59.7	47.5	48.9	52.9	56.8	44.0	45.3	49.0	52.6
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.59	0.38	0.91	0.81	0.61	0.40	0.94	0.84	0.64	0.41	0.95	0.85	0.64	0.41
	ΔT	22	20	17	11	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11
1850	kW	3.32	3.39	3.50	3.61	3.57	3.65	3.77	3.89	3.80	3.88	4.01	4.14	4.00	4.09	4.22	4.36	4.17	4.26	4.40	4.55	4.31	4.41	4.56	4.71
	Amps	12.1	12.4	12.8	13.3	13.1	13.4	13.9	14.4	14.2	14.6	15.1	15.7	15.2	15.6	16.1	16.8	16.2	16.6	17.2	17.9	17.2	17.6	18.3	19.0
	Hi PR	132	142	150	157	148	160	169	176	169	182	192	200	192	207	218	228	216	233	246	256	239	257	271	283
	Lo PR	59	63	69	73	63	67	73	78	65	69	76	81	69	73	80	85	72	76	83	89	74	79	86	92
	MBh	49.6	51.0	55.2	59.3	48.4	49.8	53.9	57.9	47.3	48.7	52.7	56.5	46.1	47.5	51.4	55.1	43.8	45.1	48.8	52.4	40.6	41.8	45.2	48.5
	S/T	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.40	0.92	0.82	0.62	0.40
1619	ΔT	22	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	23	21	17	12	21	19	16	11
	kW	3.24	3.31	3.41	3.52	3.49	3.56	3.68	3.80	3.71	3.79	3.91	4.04	3.90	3.99	4.12	4.25	4.06	4.15	4.29	4.44	4.21	4.30	4.44	4.59
	Amps	11.8	12.0	12.4	12.9	12.7	13.0	13.5	14.0	13.8	14.2	14.7	15.2	14.8	15.2	15.7	16.3	15.8	16.2	16.7	17.4	16.7	17.1	17.7	18.4
	Hi PR	128	138	146	152	144	155	164	171	164	176	186	194	186	201	212	221	210	226	238	249	232	249	263	275
	Lo PR	58	61	67	71	61	65	71	75	63	67	74	78	66	71	77	82	70	74	81	86	72	77	84	89

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW= Total system power Amps = outdoor unit amps (comp. +fan)
 High and low pressures are measured at the liquid and suction service valves. Design Subcooling, 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

EXPANDED COOLING DATA — GSH140601A* / CA*F4860D6A* + TXV / MBR2000**-1 (CONT.)

		Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
IDB*	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	56.29	57.52	61.45	65.69	54.98	56.18	60.02	64.16	53.67	54.84	58.59	62.64	52.36	53.51	57.17	61.11	49.74	50.83	54.31	58.05	46.08	47.09	50.31	53.78
	S/T	0.95	0.89	0.73	0.54	1.00	0.92	0.75	0.56	1.00	0.95	0.77	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.83	0.62	1.00	1.00	0.83	0.62
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	23	24	20	16	22	23	20	16	20	21	19	15
	kW	3.37	3.44	3.55	3.67	3.63	3.71	3.83	3.96	3.86	3.95	4.08	4.21	4.07	4.16	4.29	4.44	4.24	4.33	4.48	4.63	4.39	4.49	4.64	4.80
	Amps	12.3	12.6	13.0	13.5	13.3	13.7	14.1	14.7	14.5	14.9	15.4	16.0	15.5	15.9	16.5	17.1	16.5	17.0	17.5	18.2	17.5	18.0	18.6	19.3
	Hi PR	135	145	153	160	151	163	172	179	172	185	196	204	196	211	223	232	221	237	251	261	244	262	277	289
	Lo PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	MBh	54.7	55.8	59.7	63.8	53.4	54.5	58.3	62.3	52.1	53.2	56.9	60.8	50.8	51.9	55.5	59.3	48.3	49.4	52.7	56.4	44.7	45.7	48.8	52.2
	S/T	0.91	0.85	0.69	0.52	0.94	0.88	0.72	0.54	0.96	0.90	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.79	0.59
	ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	24	24	21	17	22	22	19	15
1619	kW	3.34	3.42	3.52	3.64	3.60	3.68	3.80	3.92	3.83	3.92	4.04	4.18	4.03	4.12	4.26	4.40	4.20	4.30	4.44	4.59	4.35	4.45	4.60	4.76
	Amps	12.2	12.5	12.9	13.4	13.2	13.5	14.0	14.5	14.4	14.7	15.2	15.8	15.4	15.8	16.3	16.9	16.4	16.8	17.4	18.0	17.4	17.8	18.4	19.1
	Hi PR	134	144	152	158	150	161	170	178	170	183	194	202	194	209	221	230	218	235	248	259	241	260	274	286
	Lo PR	60	64	70	74	63	67	74	78	66	70	77	82	69	74	80	86	73	77	84	90	75	80	87	93
	MBh	50.4	51.5	55.1	58.9	49.3	50.3	53.8	57.5	48.1	49.1	52.5	56.1	46.9	47.9	51.2	54.8	44.6	45.6	48.7	52.0	41.3	42.2	45.1	48.2
	S/T	0.87	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.57	1.00	0.94	0.77	0.57
	ΔT	25	24	21	17	25	24	21	17	25	24	21	17	26	25	21	17	25	24	21	17	24	23	20	16
	kW	3.26	3.33	3.44	3.55	3.52	3.59	3.71	3.83	3.74	3.82	3.94	4.07	3.93	4.02	4.15	4.29	4.10	4.19	4.33	4.47	4.24	4.34	4.48	4.63
	Amps	11.9	12.2	12.6	13.0	12.8	13.2	13.6	14.1	14.0	14.3	14.8	15.4	15.0	15.3	15.8	16.4	15.9	16.3	16.9	17.5	16.9	17.3	17.9	18.6
	Hi PR	130	139	147	154	145	156	165	172	165	178	188	196	188	203	214	223	212	228	241	251	234	252	266	277
	Lo PR	58	62	68	72	62	66	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90
85	MBh	57.27	58.38	61.15	65.23	55.94	57.02	59.72	63.72	54.61	55.67	58.30	62.20	53.28	54.31	56.88	60.68	50.61	51.59	54.04	57.65	46.88	47.79	50.05	53.40
	S/T	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.95	0.77	1.00	1.00	0.99	0.80	1.00	1.00	1.00	0.81
	ΔT	25	25	23	20	25	25	24	21	24	25	24	21	24	24	24	21	22	23	24	20	21	21	22	19
	kW	3.40	3.47	3.58	3.70	3.66	3.74	3.86	3.99	3.89	3.98	4.11	4.25	4.10	4.19	4.33	4.48	4.27	4.37	4.52	4.67	4.43	4.53	4.68	4.84
	Amps	12.4	12.7	13.2	13.7	13.5	13.8	14.3	14.8	14.6	15.0	15.5	16.1	15.7	16.1	16.6	17.2	16.3	17.1	17.7	18.4	17.7	18.2	18.8	19.5
	Hi PR	136	147	155	161	153	165	174	181	174	187	198	206	198	213	225	235	223	240	253	264	246	265	280	292
	Lo PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95
	MBh	55.6	56.7	59.4	63.3	54.3	55.4	58.0	61.9	53.0	54.0	56.6	60.4	51.7	52.7	55.2	58.9	49.1	50.1	52.5	56.0	45.5	46.4	48.6	51.8
	S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
	ΔT	26	26	24	21	27	26	25	21	26	26	25	21	26	26	25	22	24	25	25	21	23	23	23	20
1619	kW	3.37	3.44	3.55	3.67	3.63	3.71	3.83	3.96	3.86	3.95	4.08	4.21	4.07	4.16	4.29	4.44	4.24	4.33	4.48	4.63	4.39	4.49	4.64	4.80
	Amps	12.3	12.6	13.0	13.5	13.3	13.7	14.1	14.7	14.5	14.9	15.4	16.0	15.5	15.9	16.5	17.1	16.5	17.0	17.5	18.2	17.5	18.0	18.6	19.3
	Hi PR	135	145	153	160	151	163	172	179	172	185	196	204	196	211	223	232	221	237	251	261	244	262	277	289
	Lo PR	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	MBh	51.3	52.3	54.8	58.5	50.1	51.1	53.5	57.1	48.9	49.9	52.2	55.7	47.7	48.7	51.0	54.4	45.4	46.2	48.4	51.7	42.0	42.8	44.9	47.9
	S/T	0.92	0.88	0.80	0.65	0.95	0.92	0.83	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.74
	ΔT	27	26	25	22	27	27	25	22	27	27	25	22	27	27	25	22	26	26	25	22	24	24	23	20
	kW	3.29	3.36	3.47	3.58	3.54	3.62	3.74	3.86	3.77	3.85	3.97	4.11	3.96	4.05	4.19	4.33	4.13	4.22	4.36	4.51	4.28	4.37	4.52	4.67
	Amps	12.0	12.3	12.7	13.2	13.0	13.3	13.7	14.2	14.1	14.5	14.9	15.5	15.1	15.5	16.0	16.6	16.1	16.5	17.0	17.7	17.0	17.5	18.1	18.8
	Hi PR	131	141	149	155	147	158	167	174	167	180	190	198	190	205	216	225	214	230	243	254	236	254	269	280
	Lo PR	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	83	88	74	78	85	91

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Amps = outdoor unit amps (comp. +fan)
 High and low pressures are measured at the liquid and suction service valves. Design Subcooling, 9 ±3 °F @ the liquid service valve, ARI 95 test conditions

PRODUCT SPECIFICATIONS

EXPANDED HEATING DATA

GSH140181A* / CA*F3131B6A*+TXV / MBR800-1**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	22.6	21.4	20.2	18.8	18.0	17.4	16.2	14.9	13.6	12.5	11.5	10.9	10.5	9.4	8.3	7.3	6.2	5.1
ΔT	34.9	33.1	31.1	29.1	27.8	26.9	25.0	23.1	20.9	19.3	17.8	16.8	16.2	14.5	12.9	11.2	9.6	7.8
kW	1.56	1.53	1.50	1.47	1.5	1.44	1.41	1.38	1.38	1.35	1.32	1.30	1.28	1.25	1.22	1.19	1.16	1.13
Amps	7.1	6.5	6.1	5.8	5.6	5.5	5.2	4.9	4.7	4.5	4.3	4.2	4.1	3.9	3.7	3.5	3.2	2.9
COP	4.23	4.09	3.93	3.75	3.62	3.54	3.36	3.16	2.88	2.72	2.56	2.45	2.39	2.19	1.99	1.78	1.56	1.31
EER	14.5	14.0	13.4	12.8	12.4	12.1	11.5	10.8	9.8	9.3	8.8	8.4	8.2	7.5	6.8	6.1	5.3	4.5
Hi PR	248	237	228	218	213	209	201	193	185	176	169	165	162	156	150	144	139	134
Lo PR	82	76	71	66	62	60	55	49	44	39	35	32	31	26	23	19	17	13

GSH140241A* / CA*F3636B6A*+TXV / MBR8001**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	30.2	28.6	26.9	25.1	24.0	23.3	21.6	19.9	18.8	17.3	15.9	15.1	14.5	13.0	11.5	10.1	8.6	7.0
ΔT	32.9	31.1	29.3	27.4	26.1	25.3	23.5	21.7	20.4	18.9	17.4	16.4	15.8	14.2	12.6	11.0	9.4	7.7
kW	2.06	2.02	1.98	1.94	1.9	1.90	1.86	1.83	1.89	1.85	1.81	1.78	1.77	1.73	1.68	1.64	1.60	1.56
Amps	7.9	7.6	7.5	7.3	7.2	7.2	7.1	7.0	6.9	6.8	6.7	6.7	6.6	6.5	6.4	6.4	6.2	6.1
COP	4.30	4.14	3.98	3.79	3.66	3.58	3.39	3.19	2.91	2.74	2.58	2.47	2.40	2.21	2.00	1.79	1.57	1.32
EER	14.7	14.2	13.6	13.0	12.5	12.2	11.6	10.9	9.9	9.4	8.8	8.4	8.2	7.5	6.8	6.1	5.4	4.5
Hi PR	227	218	209	200	195	192	184	177	169	162	155	152	149	143	138	132	127	123
Lo PR	80	74	70	64	61	58	54	48	43	38	34	31	30	26	22	19	16	13

GSH140301A* / CA*F3636B6A*+TXV / MBR1200-1**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	34.7	32.8	30.9	28.9	27.6	26.7	24.8	22.9	20.9	19.3	17.8	16.8	16.2	14.5	12.9	11.2	9.6	7.8
ΔT	29.8	28.2	26.5	24.8	23.7	22.9	21.3	19.6	18.0	16.6	15.3	14.4	13.9	12.4	11.0	9.6	8.2	6.7
kW	2.24	2.20	2.16	2.12	2.1	2.08	2.04	2.00	2.06	2.02	1.98	1.95	1.93	1.89	1.85	1.80	1.76	1.72
Amps	9.6	8.9	8.4	7.9	7.6	7.5	7.1	6.7	6.4	6.2	5.9	5.7	5.7	5.4	5.0	4.8	4.4	4.0
COP	4.53	4.37	4.19	4.00	3.86	3.77	3.57	3.36	2.97	2.80	2.63	2.52	2.45	2.25	2.04	1.82	1.59	1.34
EER	15.5	14.9	14.3	13.7	13.2	12.9	12.2	11.5	10.1	9.6	9.0	8.6	8.4	7.7	7.0	6.2	5.4	4.6
Hi PR	216	208	200	191	186	183	176	169	162	154	148	145	142	137	131	126	121	117
Lo PR	80	74	69	64	60	58	53	47	43	38	34	31	30	25	22	19	16	13

GSH140361A* / CA*F4860C6A*+TXV / MBR1600-1**

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	43.5	41.2	38.8	36.2	34.6	33.5	31.1	28.7	26.9	24.9	22.9	21.6	20.8	18.7	16.6	14.4	12.3	10.1
ΔT	37.8	35.8	33.7	31.5	30.1	29.1	27.1	25.0	23.4	21.6	19.9	18.8	18.1	16.2	14.4	12.6	10.7	8.8
kW	2.91	2.86	2.80	2.75	2.7	2.69	2.64	2.59	2.64	2.58	2.53	2.50	2.47	2.41	2.36	2.30	2.24	2.19
Amps	13.1	12.2	11.4	10.8	10.4	10.2	9.7	9.2	8.8	8.5	8.1	7.9	7.8	7.4	7.0	6.6	6.1	5.6
COP	4.37	4.22	4.04	3.86	3.73	3.64	3.45	3.25	2.98	2.82	2.65	2.54	2.46	2.26	2.06	1.84	1.61	1.35
Hi PR	229	219	211	202	197	193	186	178	171	163	157	153	150	144	139	133	128	124
Lo PR	83	77	72	66	63	60	55	49	44	40	35	32	31	26	23	19	17	13

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

Low pressure is measured at the gauge port connection.

Amps = Outdoor unit amps (comp.+ fan)

kW = Total system power

EXPANDED HEATING DATA (CONT.)

GSH140421A* / CA*F4860D6A**TXV / MBR2000**-1

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	49.8	47.1	44.4	41.5	39.6	38.4	35.6	32.9	31.2	28.8	26.6	25.1	24.1	21.7	19.2	16.8	14.3	11.7
DT	32.9	31.2	29.3	27.4	26.2	25.4	23.6	21.7	20.7	19.1	17.6	16.6	16.0	14.3	12.7	11.1	9.5	7.7
kW	3.20	3.14	3.08	3.02	3.0	2.96	2.91	2.85	2.89	2.83	2.77	2.73	2.71	2.65	2.59	2.53	2.46	2.40
Amps	16.1	14.4	13.1	11.9	11.2	10.9	9.9	9.1	8.4	7.8	7.1	6.8	6.6	5.9	5.1	4.4	3.6	2.6
COP	4.56	4.39	4.21	4.02	3.88	3.79	3.59	3.38	3.16	2.98	2.81	2.69	2.61	2.40	2.17	1.94	1.70	1.43
EER	15.6	15.0	14.4	13.7	13.3	13.0	12.3	11.5	10.8	10.2	9.6	9.2	8.9	8.2	7.4	6.6	5.8	4.9
Hi PR	222	213	205	196	191	188	180	173	166	158	152	148	146	140	135	129	125	120
Lo PR	82	76	71	66	62	60	55	49	44	39	35	32	31	26	23	19	17	13

GSH140481A* / CA*F4860D6A**TXV / MBR2000**-1

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	57.8	54.7	51.5	48.2	46.0	44.6	41.4	38.2	37.7	34.8	32.0	30.2	29.1	26.1	23.2	20.2	17.2	14.1
DT	34.5	32.7	30.8	28.8	27.5	26.6	24.7	22.8	22.5	20.8	19.1	18.1	17.4	15.6	13.8	12.1	10.3	8.4
kW	4.02	3.94	3.86	3.79	3.7	3.71	3.64	3.56	3.62	3.54	3.46	3.41	3.38	3.30	3.22	3.14	3.06	2.98
Amps	20.9	18.7	17.0	15.5	14.6	14.2	12.9	11.8	10.9	10.1	9.2	8.8	8.6	7.7	6.6	5.8	4.7	3.4
COP	4.21	4.07	3.90	3.72	3.60	3.52	3.33	3.14	3.05	2.88	2.71	2.59	2.52	2.32	2.10	1.88	1.65	1.38
EER	14.4	13.9	13.3	12.7	12.3	12.0	11.4	10.7	10.4	9.8	9.3	8.9	8.6	7.9	7.2	6.4	5.6	4.7
Hi PR	231	221	213	204	199	195	187	180	172	165	158	154	151	146	140	134	130	125
Lo PR	76	70	66	60	57	55	51	45	41	36	32	30	29	24	21	18	15	12

GSH140601A* / CA*F4860D6A* +TXV / MBR2000**-1

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	69.1	65.5	61.6	57.6	55.0	53.3	49.5	45.7	41.0	37.9	34.9	32.9	31.7	28.4	25.2	22.0	18.8	15.4
DT	34.6	32.8	30.8	28.8	27.5	26.7	24.8	22.8	20.5	18.9	17.5	16.5	15.9	14.2	12.6	11.0	9.4	7.7
kW	4.21	4.12	4.04	3.96	3.9	3.87	3.79	3.71	3.71	3.62	3.54	3.49	3.45	3.36	3.28	3.20	3.11	3.02
Amps	19.3	17.8	16.7	15.6	15.1	14.8	13.9	13.2	12.6	12.0	11.4	11.2	11.0	10.4	9.7	9.1	8.4	7.5
COP	4.81	4.65	4.46	4.26	4.12	4.03	3.82	3.60	3.24	3.06	2.89	2.76	2.69	2.47	2.25	2.01	1.77	1.49
EER	16.4	15.9	15.2	14.6	14.1	13.8	13.1	12.3	11.1	10.5	9.9	9.4	9.2	8.5	7.7	6.9	6.0	5.1
Hi PR	228	219	210	201	197	193	185	178	170	163	156	152	150	144	139	133	128	124
Lo PR	74	68	64	59	55	53	49	44	39	35	31	29	28	23	20	17	15	12

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

Low pressure is measured at the gauge port connection.

Calculations are based on nominal CFM and 70 °F indoor dry bulb.

Amps = Outdoor unit amps (comp.+fan)

kW = Total system power

PERFORMANCE RATINGS

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³		Heating Capacity (BTU/h)		ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	
GSH14 0181A*	AEPF183016A*+TXV		18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	1031670
	AEPF183016B*+TXV		18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	1277853
	AEPF183016C*+TXV		18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	1492587
	AEPF030-00*-1*		18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	890457
	AR*F193116A*+TXV		19,000	14,100	14.00	12.00	17,600	13,900	18,000	8.30	1386360
	AR*F193116B*+TXV		19,000	14,100	14.00	12.00	17,600	13,900	18,000	8.30	1492588
	ASPF183016A*+TXV		18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.50	1288553
	ASPF183016B*+TXV		18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.50	1492589
	AT*F193116A*+TXV		19,000	14,100	14.00	12.00	17,600	13,900	18,000	8.30	1483540
	CA*F042*2*+MBE1200**-1+TXV		18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	890104
	CA*F042*2*+MBR0800**-1+TXV		18,000	13,300	14.00	12.00	16,700	13,200	18,000	8.20	893640
	CA*F042*2*+TXV	G*V80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	890074
	CA*F042*2*+TXV	G*V950453B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	890287
	CA*F3131*6A*+MBE1200**-1+TXV		18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	890224
	CA*F3131*6A*+MBR0800**-1+TXV		18,000	13,300	14.00	12.00	16,700	13,200	18,000	8.20	890314
	CA*F3131*6A*+TXV	G*E80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	1273320
	CA*F3131*6A*+TXV	G*V80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	890132
	CA*F3131*6A*+TXV	G*V950453B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	890124
	CA*F3131*6A*+TXV	G*V950704C**	18,600	13,800	15.00	12.50	17,200	13,600	18,000	8.30	1032074
	CA*F3131*6B*+EEP+TXV		19,000	14,100	14.00	12.00	17,600	13,900	18,000	8.30	1346706
	CA*F3131*6B*+MBE1200**-1+TXV		18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	1346700
	CA*F3131*6B*+MBR0800**-1+TXV		18,000	13,300	14.00	12.00	16,700	13,200	18,000	8.20	1346701
	CA*F3131*6B*+TXV	G*E80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	1346702
	CA*F3131*6B*+TXV	G*V80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	1346703
	CA*F3131*6B*+TXV	G*V950453B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	1346704
	CA*F3131*6B*+TXV	G*V950704C**	18,600	13,800	15.00	12.50	17,200	13,600	18,000	8.30	1346705
	CA*F3131*6C*+EEP+TXV		19,000	14,100	14.00	12.00	17,600	13,900	18,000	8.30	1386241
	CA*F3131*6C*+MBE1200**-1+TXV		18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	1386243
	CA*F3131*6C*+MBR0800**-1+TXV		18,000	13,300	14.00	12.00	16,700	13,200	18,000	8.20	1386245
	CA*F3131*6C*+TXV	G*E80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	1401052
	CA*F3131*6C*+TXV	G*V80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	1401053
	CA*F3131*6C*+TXV	G*V950453B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	8.20	1401054
	CA*F3131*6C*+TXV	G*V950704C**	18,600	13,800	15.00	12.50	17,200	13,600	18,000	8.30	1401055
	CAPF3131*6A+EEP+TXV		19,000	14,100	14.00	12.00	17,600	13,900	18,000	8.30	1038379
	CHPF042B2*+MBR0800**-1+TXV		18,000	13,300	14.00	12.00	16,700	13,200	18,000	8.20	1031665

See Notes on Page 24.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)			TVA Ratings ³		Heating Capacity (BTU/h)		ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	
GSH14 0181A* (cont.)	CHPF042B2*+TXV	G*V80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	890035
	CHPF042B2*+TXV	G*V950453B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	890128
	CHPF2430B6A**+MBR0800**-1+TXV		18,000	13,300	14.00	12.00	16,700	13,200	18,000	1031646
	CHPF2430B6A**+TXV	G*E80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	1273321
	CHPF2430B6A**+TXV	G*V80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	890236
	CHPF2430B6A**+TXV	G*V950453B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	890383
	CHPF2430B6A**+TXV		18,000	13,300	13.50	11.80	16,700	13,200	18,000	1293998
	CHPF2430B6B**+EEP+TXV		18,000	13,300	13.50	11.80	16,700	13,200	18,000	1347584
	CHPF2430B6B**+MBE1200**-1A**+TXV		18,600	13,800	15.00	12.50	17,200	13,600	18,000	1352849
	CHPF2430B6B**+MBR0800**-1A**+TXV		18,000	13,300	14.00	12.00	16,700	13,200	18,000	1330328
	CHPF2430B6B**+TXV	G*E80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	1347585
	CHPF2430B6B**+TXV	G*V80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	1330329
	CHPF2430B6B**+TXV	G*V950453B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	1330330
	CSCF3036N6A**+MBR800**-1+TXV		18,000	13,300	14.00	12.00	16,700	13,200	18,000	890322
	CSCF3036N6A**+TXV	G*E80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	1273322
	CSCF3036N6A**+TXV	G*V80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	890350
	CSCF3036N6A**+TXV	G*V950453B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	890285
	CSCF3036N6B**+MBR0800**-1+TXV		18,000	13,300	14.00	12.00	16,700	13,200	18,000	1296854
	CSCF3036N6B**+TXV	G*E80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	1296641
	CSCF3036N6B**+TXV	G*V80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	1296642
	CSCF3036N6B**+TXV	G*V950453B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	1296643
	CT*F3131*6A**+EEP+TXV		19,000	14,100	14.00	12.00	17,600	13,900	18,000	1449977
	CT*F3131*6A**+MBE1200**-1+TXV		18,000	13,300	15.00	12.50	16,700	13,200	18,000	1449978
	CT*F3131*6A**+MBR0800**-1+TXV		18,000	13,300	14.00	12.00	16,700	13,200	18,000	1449979
	CT*F3131*6A**+TXV	G*E80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	1449980
	CT*F3131*6A**+TXV	G*V80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	1449981
	CT*F3131*6A**+TXV	G*V950453B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	1449982
	CT*F3131*6A**+TXV	G*V950704C**	18,600	13,800	15.00	12.50	17,200	13,600	18,000	1449983
	H49F+MBR0800**-1+TXV		18,000	13,300	14.00	12.00	16,700	13,200	18,000	890116
	H49F+TXV	G*V80704B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	890049
	H49F+TXV	G*V950453B**	18,000	13,300	15.00	12.50	16,700	13,200	18,000	890409

- ¹ Seasonal Energy Ef ciency Ratio; Certi ed per ARI 210/240 @ 80°F/ 67°F/ 95°F
- ² Energy Ef ciency Ratio @ 80°F/ 67°F/ 95°F
- ³ TVA Rating: BTU/h @ 75°F/ 63°F - 95°F
- ⁴ HSPF = Heating Seasonal Performance Factor
- Notes:**
- Always check the S&R plate for electrical data on the unit being installed.
 - When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that speci ed on the piston kit chart supplied with the indoor unit.
 - EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S, Part No. B13707-38 is not interchangeable with B13707-35S. The Klimate Gas Furnace contains the EEP cooling time delay

See Notes on Page 24.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³				Heating Capacity (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low			
GSH14 0241A*	ADPF304216A*+TXV	G*V950453B**	24,000	18,200	14.00	12.00	22,200	18,000	24,000	8.20	15,000	1031666		
	ADPF304216B*+TXV		24,000	18,200	14.00	12.00	22,200	18,000	24,000	8.20	15,000	1492590		
	AEPF036-00*-1*		24,000	18,200	15.00	12.50	22,200	18,000	24,000	8.20	15,000	890324		
	AEPF303616A*+TXV		24,000	18,200	15.00	12.50	22,200	18,000	24,000	8.20	15,000	1031650		
	AEPF303616B*+TXV		24,000	18,200	15.00	12.50	22,200	18,000	24,000	8.20	15,000	1277864		
	AEPF303616C*+TXV		24,000	18,200	15.00	12.50	22,200	18,000	24,000	8.20	15,000	1443958		
	AR*F193116A*+TXV		24,000	18,200	14.00	12.00	22,200	18,000	24,000	8.50	14,000	1492395		
	AR*F193116B*+TXV		24,000	18,200	14.00	12.00	22,200	18,000	24,000	8.50	14,000	1492591		
	ARUF193116A*+TXV		24,000	18,200	14.00	12.50	22,200	18,000	24,000	8.50	14,000	1032064		
	ASPF303616A*+TXV		24,000	18,200	15.00	12.50	22,200	18,000	22,000	8.50	12,000	1288554		
	ASPF303616B*+TXV		24,000	18,200	15.00	12.50	22,200	18,000	22,000	8.50	12,000	1443985		
	AT*F193116A*+TXV		24,000	18,200	14.00	12.00	22,200	18,000	24,000	8.50	14,000	1483541		
	CA*F048*2*		23,600	17,900	14.00	12.00	21,800	17,700	23,600	8.20	15,000	890211		
	CA*F048*2*+MBE1200**-1+TXV	24,000	18,200	15.00	12.50	22,200	18,000	24,000	8.20	15,000	890304			
	CA*F048*2*+MBR0800**-1+TXV	24,000	18,200	14.00	12.00	22,200	18,000	24,000	8.40	15,000	890171			
	CA*F048*2*+TXV	23,000	17,500	15.00	12.50	21,300	17,300	23,000	8.20	15,000	890066			
	CA*F3636*6A*	23,600	17,900	15.00	12.50	21,800	17,700	23,600	8.20	15,000	1328874			
	CA*F3636*6A*	23,600	17,900	14.00	12.00	21,800	17,700	23,600	8.20	15,000	890335			
	CA*F3636*6A*+EEP+TXV	24,000	18,200	14.00	12.00	22,200	18,000	24,800	8.50	14,000	1038375			
	CA*F3636*6A*+MBE1200**-1+TXV	24,000	18,200	15.00	12.50	22,200	18,000	24,000	8.20	15,000	890044			
	CA*F3636*6A*+MBR0800**-1+TXV	24,000	18,200	14.00	12.00	22,200	18,000	24,000	8.40	15,000	890125			
CA*F3636*6A*+TXV	23,000	17,500	15.00	12.50	21,300	17,300	23,000	8.20	15,000	1273323				
CA*F3636*6A*+TXV	23,000	17,500	15.00	12.50	21,300	17,300	23,000	8.20	15,000	890241				
CA*F3636*6A*+TXV	23,600	17,900	15.00	12.50	21,800	17,700	23,600	8.20	15,000	1328873				
CA*F3636*6B*	23,600	17,900	15.00	12.50	21,800	17,700	23,600	8.20	15,000	1347214				
CA*F3636*6B*	23,600	17,900	14.00	12.00	21,800	17,700	23,600	8.20	15,000	1347215				
CA*F3636*6B*+EEP+TXV	24,000	18,200	14.00	12.00	22,200	18,000	24,800	8.50	14,000	1346707				
CA*F3636*6B*+MBE1200**-1+TXV	24,000	18,200	15.00	12.50	22,200	18,000	24,000	8.20	15,000	1346708				
CA*F3636*6B*+MBR0800**-1+TXV	24,000	18,200	14.00	12.00	22,200	18,000	24,000	8.40	15,000	1346709				
CA*F3636*6B*+TXV	23,000	17,500	15.00	12.50	21,300	17,300	23,000	8.20	15,000	1346710				
CA*F3636*6B*+TXV	23,000	17,500	15.00	12.50	21,300	17,300	23,000	8.20	15,000	1346711				
CA*F3636*6B*+TXV	23,600	17,900	15.00	12.50	21,800	17,700	23,600	8.20	15,000	1346712				
CA*F3642*6A*+EEP+TXV	24,000	18,200	14.00	12.00	22,200	18,000	24,800	8.50	14,000	1169092				
CA*F3743*6A*+EEP+TXV	24,000	18,200	14.00	12.00	22,200	18,000	24,800	8.50	14,000	1347216				

See Notes on Page 24.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)			TVA Ratings ³		Heating Capacity (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	
GSH14 0241A* (cont.)	CHPF3636*6A*+MBE1200**-1+TXV		24,000	18,200	14.00	12.00	22,200	18,000	24,000	8.20	890090
	CHPF3636B6A*+EEP+TXV		24,000	18,200	14.00	12.00	22,200	18,000	24,800	8.50	1038814
	CHPF3636B6A*+MBR0800**-1+TXV		24,000	18,200	14.00	12.00	22,200	18,000	24,000	8.20	1032324
	CHPF3636B6A*+TXV	G*E80704B**	24,000	18,200	15.00	12.50	22,200	18,000	24,000	8.40	1273324
	CHPF3636B6A*+TXV	G*V80704B**	24,000	18,200	14.50	12.20	22,200	18,000	24,000	8.40	890398
	CHPF3636B6A*+TXV	G*V950453B**	24,000	18,200	14.50	12.20	22,200	18,000	24,000	8.40	890047
	CHPF3636B6B*+EEP+TXV		24,000	18,200	14.00	12.00	22,200	18,000	24,800	8.50	1330332
	CHPF3636B6B*+MBE1200**-1A*+TXV		24,000	18,200	14.00	12.00	22,200	18,000	24,000	8.20	1330331
	CHPF3636B6B*+MBR0800**-1A*+TXV		24,000	18,200	14.00	12.00	22,200	18,000	24,000	8.20	1330333
	CHPF3636B6B*+TXV	G*E80704B**	24,000	18,200	15.00	12.50	22,200	18,000	24,000	8.40	1347588
	CHPF3636B6B*+TXV	G*V80704B**	24,000	18,200	14.50	12.20	22,200	18,000	24,000	8.40	1330334
	CHPF3636B6B*+TXV	G*V950453B**	24,000	18,200	14.50	12.20	22,200	18,000	24,000	8.40	1330335
	CSCF3036N6A*+TXV	G*E80704B**	24,000	18,200	15.00	12.50	22,200	18,000	24,000	8.40	1273325
	CSCF3036N6A*+TXV	G*V80704B**	24,000	18,200	14.50	12.20	22,200	18,000	24,000	8.40	890411
	CSCF3036N6A*+TXV	G*V950453B**	24,000	18,200	14.50	12.20	22,200	18,000	24,000	8.40	890267
	CSCF3036N6B*+TXV	G*E80704B**	24,000	18,200	15.00	12.50	22,200	18,000	24,000	8.40	1296644
	CSCF3036N6B*+TXV	G*V80704B**	24,000	18,200	14.50	12.20	22,200	18,000	24,000	8.40	1296645
	CSCF3036N6B*+TXV	G*V950453B**	24,000	18,200	14.50	12.20	22,200	18,000	24,000	8.40	1296646
	CT*F3636*6A*	G*V90704C**	23,600	17,900	15.00	12.50	21,800	17,700	23,600	8.20	1449984
	CT*F3636*6A*+MBE1200**-1+TXV		24,000	18,200	15.00	12.50	22,200	18,000	24,000	8.20	1449986
	CT*F3636*6A*+MBR0800**-1+TXV		24,000	18,200	14.00	12.00	22,200	18,000	24,000	8.40	1449987
	CT*F3636*6A*+TXV	G*E80704B**	23,000	17,500	15.00	12.50	21,300	17,300	23,000	8.20	1449989
	CT*F3636*6A*+TXV	G*V80704B**	23,000	17,500	15.00	12.50	21,300	17,300	23,000	8.20	1449990
	CT*F3636*6A*+TXV	G*V950453B**	23,600	17,900	14.00	12.00	21,800	17,700	23,600	8.20	1449985
	CT*F3636*6A*+TXV	G*V950704C**	23,600	17,900	15.00	12.50	21,800	17,700	23,600	8.20	1449991
	CT*F3642*6A*+EEP+TXV		24,000	18,200	14.00	12.00	22,200	18,000	24,800	8.50	1449992
	H49F+MBR0800**-1+TXV		24,000	18,200	14.00	12.00	22,200	18,000	24,000	8.40	890318
	H49F+TXV	G*V80704B**	24,000	18,200	14.50	12.20	22,200	18,000	24,000	8.40	890188
	H49F+TXV	G*V950453B**	24,000	18,200	14.50	12.20	22,200	18,000	24,000	8.40	890413

See Notes on Page 24.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³		Heating Capacity (BTU/h)		ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	
GSH14 0301A*	ADPF304216A*+TXV		27,400	21,900	13.50	11.80	25,300	21,500	28,000	8.50	1293999
	ADPF304216B*+TXV		27,400	21,900	13.50	11.80	25,300	21,500	28,000	8.50	1492592
	AEPF183016A*+TXV		26,000	20,800	14.50	12.20	24,100	20,500	27,600	8.40	1346417
	AEPF303616A*+TXV		28,000	22,400	15.00	12.50	25,900	22,000	27,600	8.40	1031671
	AEPF303616B*+TXV		28,000	22,400	15.00	12.50	25,900	22,000	27,600	8.40	1277865
	AEPF303616C*+TXV		28,000	22,400	15.00	12.50	25,900	22,000	27,600	8.40	1443959
	AEPT036-00*-1*		28,000	22,400	15.00	12.50	25,900	22,000	27,600	8.40	890431
	AR*F193116B*+TXV		28,000	22,400	14.00	12.00	25,900	22,000	26,600	8.30	1492593
	ARPF193116A*		28,000	22,400	14.00	12.00	25,900	22,000	26,600	8.30	1169091
	ARUF193116A*+TXV		28,000	22,400	14.00	12.00	25,900	22,000	26,600	8.30	1032068
	ASPF303616A*+TXV		28,000	22,400	15.00	12.50	25,900	22,000	28,000	8.50	1288555
	ASPF303616B*+TXV		28,000	22,400	15.00	12.50	25,900	22,000	28,000	8.50	1443986
	AT*F193116A*+TXV		28,000	22,400	14.00	12.00	25,900	22,000	26,600	8.30	1483542
	CA*F048*2*+MBR1200**-1+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,600	8.40	890302
	CA*F060*2*+MBE1600**-1+TXV		28,000	22,400	15.00	12.50	25,900	22,000	27,600	8.40	890110
	CA*F060*2*+TXV	G*V80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	890033
	CA*F060*2*+TXV	G*V81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	890120
	CA*F3642*6A*	G*V90704C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	1328875
	CA*F3642*6A*	G*V90905D**	28,800	23,000	15.00	12.50	26,600	22,600	28,000	8.50	1328876
	CA*F3642*6A*+EEP+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,000	8.50	1038374
	CA*F3642*6A*+MBE1600**-1+TXV		28,000	22,400	15.00	12.50	25,900	22,000	27,600	8.50	1031648
	CA*F3642*6A*+MBR1200**-1+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,000	8.40	890208
	CA*F3642*6A*+MBR1600**-1+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,000	8.50	1032065
	CA*F3642*6A*+TXV	G*E80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	1273350
	CA*F3642*6A*+TXV	G*E81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	1273364
	CA*F3642*6A*+TXV	G*V80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	890404
	CA*F3642*6A*+TXV	G*V81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	890276
	CA*F3642*6A*+TXV	G*V950704C**	28,000	22,400	14.50	12.50	25,900	22,000	27,000	8.50	1032067
	CA*F3743*6A*	G*V90704C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	1347217

¹ Seasonal Energy Ef ciency Ratio; Certi ed per ARI 210/240 @ 80°F/ 67°F/ 95°F

³ TVA Rating: BTU/h @ 75°F/ 63°F - 95°F

² Energy Ef ciency Ratio @ 80°F/ 67°F/ 95°F

⁴ HSPF = Heating Seasonal Performance Factor

Notes:

- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that speci ed on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Klimate Gas Furnace contains the EEP cooling time delay

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³				Heating Capacity (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low			
GSH14 0301A* (cont.)	CA*F3743*6A*	G*V90905D**	28,800	23,000	15.00	12.50	26,600	22,600	28,000	8.50	18,000	1347218		
	CA*F3743*6A**EEP+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,000	8.50	18,000	1347219		
	CA*F3743*6A**MBE1600**-1+TXV		28,000	22,400	15.00	12.50	25,900	22,000	27,600	8.50	16,800	1346713		
	CA*F3743*6A**MBR1200**-1+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,600	8.40	16,800	1347176		
	CA*F3743*6A**MBR1600**-1+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,000	8.50	18,000	1346714		
	CA*F3743*6A**TXV	G*E80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1346715		
	CA*F3743*6A**TXV	G*E81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1346716		
	CA*F3743*6A**TXV	G*V80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1346717		
	CA*F3743*6A**TXV	G*V81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1346718		
	CA*F3743*6A**TXV	G*V950704C**	28,000	22,400	14.50	12.50	25,900	22,000	27,000	8.50	18,000	1346719		
	CHPF048D2**MBE1600**-1+TXV		28,000	22,400	15.00	12.50	25,900	22,000	27,600	8.40	16,800	1032315		
	CHPF048D2**MBR1600**-1+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,600	8.40	16,800	1032327		
	CHPF048D2**TXV	G*V80905C**	28,000	22,400	14.50	12.50	25,900	22,000	27,600	8.40	16,800	1032314		
	CHPF048D2**TXV	G*V81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1032320		
	CHPF048D2**TXV	G*V950704C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1032318		
	CHPF3642*6A**TXV	G*E80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1273351		
	CHPF3642*6A**TXV	G*E81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1273365		
	CHPF3642*6A**TXV	G*V80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	890180		
	CHPF3642*6A**TXV	G*V81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	890226		
	CHPF3642*6A**TXV	G*V950704C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	890070		
	CHPF3642*6A**EEP+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,000	8.50	18,000	1044494		
	CHPF3642C6A**MBE1600**-1+TXV		28,000	22,400	15.00	12.50	25,900	22,000	27,600	8.40	16,800	1032313		
	CHPF3642C6A**MBR1600**-1+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,600	8.40	16,800	1032321		
	CHPF3642C6B**MBE1600**-1A**TXV		28,000	22,400	15.00	12.50	25,900	22,000	27,600	8.40	16,800	1330340		
	CHPF3642C6B**MBR1600**-1A**TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,600	8.40	16,800	1330341		
	CHPF3642C6B**TXV	G*E80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1347590		
	CHPF3642C6B**TXV	G*E81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1347592		
	CHPF3642C6B**TXV	G*V80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1330336		
	CHPF3642C6B**TXV	G*V81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1330337		
	CHPF3642C6B**TXV	G*V950704C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1330338		
	CHPF3642C6B+EEP+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,000	8.50	18,000	1330339		
	CSCF3642N6A**MBR1600**-1+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,600	8.40	16,800	1031656		
	CSCF3642N6A**TXV	G*E80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1273352		
	CSCF3642N6A**TXV	G*E81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1273366		
	CSCF3642N6A**TXV	G*V80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	890405		

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³				Heating Capacity (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low			
GSH14 0301A* (cont.)	CSCF3642N6A*+TXV	G*V81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	890328		
	CSCF3642N6A*+TXV	G*V950704C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	890079		
	CSCF3642N6C*+MBR1600**,-1+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,600	8.40	16,800	1296594		
	CSCF3642N6C*+TXV	G*E80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1296587		
	CSCF3642N6C*+TXV	G*E81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1296588		
	CSCF3642N6C*+TXV	G*V80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1296589		
	CSCF3642N6C*+TXV	G*V81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1296590		
	CSCF3642N6C*+TXV	G*V950704C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1296591		
	CT*F3642*6A*	G*V90704C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1449993		
	CT*F3642*6A*	G*V90905D**	28,800	23,000	15.00	12.50	26,600	22,600	28,000	8.50	18,000	1449994		
	CT*F3642*6A*+EEP+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,000	8.50	18,000	1449995		
	CT*F3642*6A*+MBE1600**,-1+TXV		28,000	22,400	15.00	12.50	25,900	22,000	27,600	8.50	16,800	1449996		
	CT*F3642*6A*+MBR1200**,-1+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,600	8.40	16,800	1449997		
	CT*F3642*6A*+MBR1600**,-1+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,000	8.50	18,000	1449998		
CT*F3642*6A*+TXV	G*E80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1449999			
GSH14 0361A*	CT*F3642*6A*+TXV	G*E81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1450000		
	CT*F3642*6A*+TXV	G*V80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1450001		
	CT*F3642*6A*+TXV	G*V81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	1450002		
	CT*F3642*6A*+TXV	G*V950704C**	28,000	22,400	14.50	12.50	25,900	22,000	27,000	8.50	18,000	1450003		
	H60F+MBR1600**,-1+TXV		28,000	22,400	14.00	12.00	25,900	22,000	27,600	8.40	16,800	890158		
	H60F+TXV	G*V80905C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	890342		
	H60F+TXV	G*V81155C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	890367		
	H60F+TXV	G*V950704C**	28,000	22,400	14.50	12.20	25,900	22,000	27,600	8.40	16,800	890216		
	ADPF486016A*+TXV		34,000	24,100	13.50	11.80	31,500	23,900	32,600	8.30	22,000	1294000		
	AEPF303616B*+TXV		33,400	23,700	14.50	12.20	30,900	23,500	34,600	8.75	21,600	1430202		
	AEPF303616C*+TXV		33,400	23,700	14.50	12.20	30,900	23,500	34,600	8.75	21,600	1443960		
	AEPF426016A*+TXV		35,000	24,900	15.00	12.50	32,400	24,600	34,600	8.75	21,600	1031644		
	AEPF426016B*+TXV		35,000	24,900	15.00	12.50	32,400	24,600	34,600	8.75	21,600	1277854		
	AEPF426016C*+TXV		35,000	24,900	15.00	12.50	32,400	24,600	34,600	8.75	21,600	1492594		
AEPT060-00*-1*		35,000	24,900	15.00	12.50	32,400	24,600	34,600	8.75	21,600	890320			
AR*F363616A*+TXV		34,400	24,400	13.50	11.80	31,800	24,200	32,600	8.30	22,000	1273422			
AR*F363616B*+TXV		34,400	24,400	13.50	11.80	31,800	24,200	32,600	8.30	22,000	1492595			
AR*F364216A*+TXV		33,000	23,400	13.50	11.80	30,500	23,200	34,600	8.30	21,600	1464051			
AR*F364216B*+TXV		33,000	23,400	13.50	11.80	30,500	23,200	34,600	8.30	21,600	1486997			
AR*F374316B*+TXV		36,000	25,600	14.00	12.00	33,300	25,300	34,600	8.75	22,000	1492646			

See Notes on Page 24.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³		Heating Capacity (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low	
GSH14 0361A* (cont.)	ARPF374316A*+TXV		36,000	25,600	14.00	12.00	33,300	25,300	34,600	8.75	22,000	1044503
	ARUF374316A*+TXV		36,000	25,600	14.00	12.00	33,300	25,300	34,600	9.00	22,000	1032069
	ASPF303616A*+TXV		34,200	24,300	14.50	12.00	31,600	24,000	34,600	9.00	23,600	1288556
	ASPF303616B*+TXV		34,200	24,300	14.50	12.00	31,600	24,000	34,600	9.00	23,600	1443987
	ASPF426016A*+TXV		35,000	24,900	15.00	13.00	32,400	24,600	34,600	9.00	23,600	1288557
	ASPF426016B*+TXV		35,000	24,900	15.00	13.00	32,400	24,600	34,600	9.00	23,600	1492596
	AT*F363616A*+TXV		34,400	24,400	13.50	11.80	31,800	24,200	32,600	8.30	22,000	1483543
	AT*F364216A*+TXV		33,000	23,400	13.50	11.80	30,500	23,200	34,600	8.30	21,600	1483563
	AT*F374316A*+TXV		36,000	25,600	14.00	12.00	33,300	25,300	34,600	8.75	22,000	1483544
	CA*F061*2*+MBE1600**-1+TXV		34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	890402
	CA*F061*2*+MBE2000**-1+TXV		34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	890196
	CA*F061*2*+MBR1600**-1+TXV		34,600	24,600	14.00	12.00	32,000	24,300	34,600	8.75	21,600	890298
	CA*F061*2*+TXV	G*V81155C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	890115
	CA*F061*2*+TXV	G*V90905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	890274
	CA*F061*2*+TXV	G*V950704C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	890101
	CA*F061*2*+TXV	G*V950905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	890381
	CA*F061*2*+TXV	G*V951155D**	34,600	24,600	15.00	13.00	32,000	24,300	34,600	9.00	21,600	1031663
	CA*F4860*6A*	G*V90905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1163817
	CA*F4860*6A*+EEP+TXV		36,000	25,600	14.00	12.00	33,300	25,300	34,600	8.75	22,000	1038369
	CA*F4860*6A*+MBE1600**-1+TXV		34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	890437
	CA*F4860*6A*+MBE2000**-1+TXV		34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	890209
	CA*F4860*6A*+MBR1600**-1+TXV		34,600	24,600	14.00	12.00	32,000	24,300	34,600	8.75	21,600	890227
	CA*F4860*6A*+TXV	G*E80905C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	1273353
	CA*F4860*6A*+TXV	G*E81155C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	1273367
	CA*F4860*6A*+TXV	G*V80905C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	890257
	CA*F4860*6A*+TXV	G*V81155C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	890463
	CA*F4860*6A*+TXV	G*V90905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	890054
	CA*F4860*6A*+TXV	G*V950704C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	890144
	CA*F4860*6A*+TXV	G*V950905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	890440
	CA*F4860*6A*+TXV	G*V951155D**	34,600	24,600	15.00	13.00	32,000	24,300	34,600	9.00	21,600	1031645
	CA*F4961*6A*	G*V90905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1347220
	CA*F4961*6A*+EEP+TXV		36,000	25,600	14.00	12.00	33,300	25,300	34,600	8.75	22,000	1347221
	CA*F4961*6A*+MBE1600**-1+TXV		34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	1346720
	CA*F4961*6A*+MBE2000**-1+TXV		34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1346721
	CA*F4961*6A*+MBR1600**-1+TXV		34,600	24,600	14.00	12.00	32,000	24,300	34,600	8.75	21,600	1346722

See Notes on Page 24.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³				Heating Capacity (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low			
GSH14 0361A* (cont.)	CA*F4961*6A**+TXV	G*E80905C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	1346723		
	CA*F4961*6A**+TXV	G*E81155C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	1346724		
	CA*F4961*6A**+TXV	G*V80905C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	1346725		
	CA*F4961*6A**+TXV	G*V81155C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	1346726		
	CA*F4961*6A**+TXV	G*V90905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1346727		
	CA*F4961*6A**+TXV	G*V950704C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	1346728		
	CA*F4961*6A**+TXV	G*V950905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1346729		
	CA*F4961*6A**+TXV	G*V951155D**	34,600	24,600	15.00	13.00	32,000	24,300	34,600	9.00	21,600	1347177		
	CHPF3642C6A**+MBE1600**-1+TXV		35,000	24,900	15.00	12.50	32,400	24,600	34,600	8.75	21,600	1278396		
	CHPF3743C6A**+MBE1600**-1A**+TXV		35,000	24,900	15.00	12.50	32,400	24,600	34,600	8.75	21,600	1347604		
	CHPF4860D6A**+EEP+TXV		34,600	24,600	14.00	12.00	32,000	24,300	34,600	8.75	22,000	1145048		
	CHPF4860D6A**+MBE1600**-1+TXV		34,600	24,600	15.00	12.50	32,000	24,300	34,600	9.00	21,600	1145058		
	CHPF4860D6A**+MBE2000**-1A**+TXV		34,600	24,600	15.00	12.50	32,000	24,300	34,600	9.00	21,600	1145314		
	CHPF4860D6A**+TXV	G*E80905C**	35,200	25,000	14.50	12.20	32,600	24,800	34,600	8.75	21,600	1294001		
	CHPF4860D6A**+TXV	G*V80905C**	35,200	25,000	14.50	12.20	32,600	24,800	34,600	8.75	21,600	1294002		
	CHPF4860D6A**+TXV	G*V90905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	9.00	21,600	1145047		
	CHPF4860D6A**+TXV	G*V950905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	9.00	21,600	1128622		
	CHPF4860D6A**+TXV	G*V951155D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	9.00	21,600	1128625		
	CHPF4860D6C**+EEP+TXV		34,600	24,600	14.00	12.00	32,000	24,300	34,600	8.75	22,000	1330342		
	CHPF4860D6C**+MBE1600**-1A**+TXV		34,600	24,600	15.00	12.50	32,000	24,300	34,600	9.00	21,600	1330343		
	CHPF4860D6C**+MBE2000**-1A**+TXV		34,600	24,600	15.00	12.50	32,000	24,300	34,600	9.00	21,600	1330344		
CHPF4860D6C**+TXV	G*E80905C**	35,200	25,000	14.50	12.20	32,600	24,800	34,600	8.75	21,600	1347602			
CHPF4860D6C**+TXV	G*V90905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	9.00	21,600	1330345			
CHPF4860D6C**+TXV	G*V950905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	9.00	21,600	1330346			
CHPF4860D6C**+TXV	G*V951155D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	9.00	21,600	1330347			
CSCF4860N6A**+EEP+TXV		34,600	24,600	14.00	12.00	32,000	24,300	34,600	8.75	22,000	1145049			
CSCF4860N6A**+TXV	G*V90905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1128626			
CSCF4860N6A**+TXV	G*V951155D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1128627			
CSCF4860N6C**+EEP+TXV		34,600	24,600	14.00	12.00	32,000	24,300	34,600	8.75	22,000	1296647			

¹ Seasonal Energy Ef ciency Ratio; Certi ed per ARI 210/240 @ 80°F/67°F/95°F
² Energy Ef ciency Ratio @ 80°F/67°F/95°F
³ TVA Rating: BTU/h @ 75°F/63°F - 95°F
⁴ HSPF = Heating Seasonal Performance Factor

Notes:

- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S. The Klimaire Gas Furnace contains the EEP cooling time delay

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)			TVA Ratings ³			Heating Capacity (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low	
GSH14 0361A* (cont.)	CSCF4860N6C*+TXV	G*V90905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1296648
	CSCF4860N6C*+TXV	G*V951155D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1296649
	CT*F4860*6A*	G*V90905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1450004
	CT*F4860*6A*+MBE1600**,-1+TXV		34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	1450005
	CT*F4860*6A*+MBE2000**,-1+TXV		34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1450006
	CT*F4860*6A*+MBR1600**,-1+TXV		34,600	24,600	14.00	12.00	32,000	24,300	34,600	8.75	21,600	1450007
	CT*F4860*6A*+TXV	G*E80905C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	1450008
	CT*F4860*6A*+TXV	G*E81155C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	1450009
	CT*F4860*6A*+TXV	G*V80905C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	1450010
	CT*F4860*6A*+TXV	G*V81155C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	1450011
	CT*F4860*6A*+TXV	G*V90905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1450012
	CT*F4860*6A*+TXV	G*V950704C**	34,600	24,600	14.50	12.20	32,000	24,300	34,600	8.75	21,600	1450013
	CT*F4860*6A*+TXV	G*V950905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1450014
	H61F+TXV	G*V90905D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1128623
	H61F+TXV	G*V951155D**	34,600	24,600	15.00	12.50	32,000	24,300	34,600	8.75	21,600	1128624
GSH14 0421A*	ADPF486016A*+TXV		38,500	30,000	13.50	11.80	35,600	29,500	39,500	9.00	25,000	1294003
	ADPF486016B*+TXV		38,500	30,000	13.50	11.80	35,600	29,500	39,500	9.00	25,000	1492597
	AEPF426016A*+TXV		39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1031664
	AEPF426016B*+TXV		39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1277855
	AEPF426016C*+TXV		39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1492598
	AEPF426016C*+TXV		39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	890338
	AEPT060-00*-1*		39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1492647
	AR*F374316B*+TXV		39,500	30,800	14.00	12.00	36,500	30,300	39,500	9.00	25,000	1044501
	ARPF374316A*+TXV		40,000	31,200	14.00	12.00	37,000	30,700	39,000	9.00	25,000	1031668
	ARUF374316A*+TXV		39,500	30,800	14.00	12.00	36,500	30,300	39,500	9.00	25,000	1288558
	ASPF426016A*+TXV		39,500	30,800	15.00	12.50	36,500	30,300	40,000	9.00	27,400	1492599
	ASPF426016B*+TXV		39,500	30,800	15.00	12.50	36,500	30,300	40,000	9.00	27,400	1483545
	AT*F374316A*+TXV		39,500	30,800	14.00	12.00	36,500	30,300	39,500	9.00	25,000	890337
	CA*F061*2*+MBE2000**,-1+TXV		39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	890260
	CA*F061*2*+MBR2000**,-1+TXV		39,500	30,800	14.00	12.00	36,500	30,300	39,500	9.00	25,000	890072
GSH14 0421A*	CA*F061*2*+TXV	G*V950905D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	890072
	CA*F061*2*+TXV	G*V951155D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	890250
	CA*F4860*6A*+EERP+TXV		40,000	31,200	14.00	12.00	37,000	30,700	39,000	9.00	25,000	1038367
	CA*F4860*6A*+MBE2000**,-1+TXV		39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	890456
	CA*F4860*6A*+MBR2000**,-1+TXV		39,500	30,800	14.00	12.00	36,500	30,300	39,500	9.00	25,000	890434
	CA*F4860*6A*+TXV	G*V80905C**	39,500	30,800	14.50	12.50	36,500	30,300	39,500	8.75	24,000	1169090

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³				Heating Capacity (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low			
GSH14 0421A* (cont.)	CA*F4860*6A*+TXV	G*V950905D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	890105		
	CA*F4860*6A*+TXV	G*V951155D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	890313		
	CA*F4961*6A*+EEP+TXV		40,000	31,200	14.00	12.00	37,000	30,700	39,000	9.00	25,000	1347222		
	CA*F4961*6A*+MBE2000**-1+TXV		39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1346730		
	CA*F4961*6A*+MBR2000**-1+TXV		39,500	30,800	14.00	12.00	36,500	30,300	39,500	9.00	25,000	1347178		
	CA*F4961*6A*+TXV	G*V80905C**	39,500	30,800	14.50	12.50	36,500	30,300	39,500	8.75	24,000	1346731		
	CA*F4961*6A*+TXV	G*V950905D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1346732		
	CA*F4961*6A*+TXV	G*V951155D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1346733		
	CHPF060D2*+MBR2000**-1+TXV		39,500	30,800	14.00	12.50	36,500	30,300	39,500	9.00	25,000	890347		
	CHPF060D2*+TXV	G*V951155D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	890264		
	CHPF4860*6A*+MBE2000**-1+TXV		39,500	30,800	15.00	12.00	36,500	30,300	39,500	9.00	25,000	890025		
	CHPF4860*6A*+TXV	G*V950905D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	890117		
	CHPF4860*6A*+TXV	G*V951155D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	890280		
	CHPF4860D6A*+EEP+TXV		40,000	31,200	14.00	12.00	37,000	30,700	39,000	9.00	25,000	1046124		
	CHPF4860D6A*+MBR2000**-1+TXV		40,000	31,200	14.00	12.00	37,000	30,700	39,000	9.00	25,000	1031772		
	CHPF4860D6A*+TXV	G*V80704B**	39,500	30,800	14.50	12.50	36,500	30,300	39,500	8.75	24,000	1328877		
	CHPF4860D6C*+EEP+TXV		40,000	31,200	14.00	12.00	37,000	30,700	39,000	9.00	25,000	1330351		
	CHPF4860D6C*+MBE2000**-1A*+TXV		39,500	30,800	15.00	12.00	36,500	30,300	39,500	9.00	25,000	1330348		
	CHPF4860D6C*+MBR2000**-1A*+TXV		40,000	31,200	14.00	12.00	37,000	30,700	39,000	9.00	25,000	1330352		
	CHPF4860D6C*+TXV	G*V80704B**	39,500	30,800	14.50	12.50	36,500	30,300	39,500	8.75	24,000	1347603		
	CHPF4860D6C*+TXV	G*V950905D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1330349		
	CHPF4860D6C*+TXV	G*V951155D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1330350		
	CSCF4860N6A*+EEP+TXV		39,000	30,400	14.00	12.00	36,100	30,000	38,500	9.00	25,000	1145050		
	CSCF4860N6A*+TXV	G*V950905D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1031657		
	CSCF4860N6A*+TXV	G*V951155D**	39,500	30,800	15.00	13.00	36,500	30,300	39,500	9.00	25,000	1031662		
	CSCF4860N6C*+EEP+TXV		39,000	30,400	14.00	12.00	36,100	30,000	38,500	9.00	25,000	1296650		
	CSCF4860N6C*+TXV	G*V950905D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1296651		
	CSCF4860N6C*+TXV	G*V951155D**	39,500	30,800	15.00	13.00	36,500	30,300	39,500	9.00	25,000	1296652		
	CT*F4860*6A*+MBE2000**-1+TXV		39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1450015		
	CT*F4860*6A*+MBR2000**-1+TXV		39,500	30,800	14.00	12.00	36,500	30,300	39,500	9.00	25,000	1450016		
	CT*F4860*6A*+TXV	G*V80905C**	39,500	30,800	14.50	12.50	36,500	30,300	39,500	8.75	24,000	1450017		
	CT*F4860*6A*+TXV	G*V950905D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1450018		
	CT*F4860*6A*+TXV	G*V951155D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1450019		
	H61F+MBR2000**-1+TXV		39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	890349		
	H61F+TXV	G*V951155D**	39,500	30,800	15.00	12.50	36,500	30,300	39,500	9.00	25,000	1031654		

See Notes on Page 28.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³				Heating Capacity (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low			
GSH14 0481A*	ADPF48601A*+TXV		46,000	34,000	13.50	11.75	42,600	33,700	46,000	8.50	30,000	890391		
	AEPF426016A*+TXV		45,500	33,700	15.00	12.50	42,100	33,300	46,000	8.75	30,000	1031651		
	AEPF426016B*+TXV		45,500	33,700	15.00	12.50	42,100	33,300	46,000	8.75	30,000	1277856		
	AEPF426016C*+TXV		45,500	33,700	15.00	12.50	42,100	33,300	46,000	8.75	30,000	1492600		
	AEPT060-00*-1*		45,500	33,700	15.00	12.50	42,100	33,300	46,000	8.75	30,000	890135		
	AR*F374316B*+TXV		46,000	34,000	14.00	12.00	42,600	33,700	46,000	8.50	30,000	1492648		
	AR*F486016A*+TXV		45,000	33,300	14.00	12.00	41,600	32,900	46,000	8.50	30,000	1438577		
	AR*F486016B*+TXV		45,000	33,300	14.00	12.00	41,600	32,900	46,000	8.50	30,000	1492601		
	ARPF374316A*+TXV		47,000	34,800	14.00	12.00	43,500	34,400	46,000	9.00	29,000	1044498		
	ARUF374316A*+TXV		46,000	34,000	14.00	12.00	42,600	33,700	46,000	8.50	30,000	1031655		
	ASPF426016A*+TXV		45,500	33,700	15.00	12.50	42,100	33,300	46,000	8.75	30,000	1288559		
	ASPF426016B*+TXV		45,500	33,700	15.00	12.50	42,100	33,300	46,000	8.75	30,000	1492602		
	AT*F374316A*+TXV		46,000	34,000	14.00	12.00	42,600	33,700	46,000	8.50	30,000	1483546		
	AT*F486016A*+TXV		45,000	33,300	14.00	12.00	41,600	32,900	46,000	8.50	30,000	1483547		
	CA*F061*2*	G*V950905D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	890373		
	CA*F061*2*+MBE2000**-1+TXV		46,000	34,000	15.00	12.50	42,600	33,700	46,000	8.75	30,000	890426		
	CA*F061*2*+TXV	G*V950905D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	890083		
	CA*F061*2*+TXV	G*V951155D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1031649		
	CA*F4860*6A*	G*V950905D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	890265		
	CA*F4860*6A**EEP+TXV		46,000	34,000	14.00	12.00	42,600	33,700	46,000	8.50	29,000	1038368		
	CA*F4860*6A**+MBE2000**-1+TXV		46,000	34,000	15.00	12.50	42,600	33,700	46,000	8.75	30,000	890449		
	CA*F4860*6A**+MBR2000**-1+TXV		46,000	34,000	14.00	12.00	42,600	33,700	46,000	8.50	30,000	890119		
	CA*F4860*6A**+TXV	G*V91155D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	890361		
	CA*F4860*6A**+TXV	G*V950905D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	890126		
	CA*F4860*6A**+TXV	G*V951155D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1031667		
	CA*F4961*6A*	G*V950905D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1347223		
	CA*F4961*6A**EEP+TXV		46,000	34,000	14.00	12.00	42,600	33,700	46,000	8.50	29,000	1347224		
	CA*F4961*6A**+MBE2000**-1+TXV		46,000	34,000	15.00	12.50	42,600	33,700	46,000	8.75	30,000	1346734		
	CA*F4961*6A**+MBR2000**-1+TXV		46,000	34,000	14.00	12.00	42,600	33,700	46,000	8.50	30,000	1347179		
	CA*F4961*6A**+TXV	G*V91155D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1346735		
	CA*F4961*6A**+TXV	G*V950905D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1346736		
	CA*F4961*6A**+TXV	G*V951155D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1346737		
	CHPF060D2*	G*V950905D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	890300		
	CHPF4860D6A**EEP+TXV		46,000	34,000	14.00	12.00	42,600	33,700	46,000	8.50	29,000	1046125		
	CHPF4860D6A**+MBR2000**-1+TXV		46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	890362		

See Notes on Page 28.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³				Heating Capacity (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low			
GSH14 0481A* (cont.)	CHPF4860D6A*+TXV	G*V951155D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1031660		
	CHPF4860D6C*+EEP+TXV		46,000	34,000	14.00	12.00	42,600	33,700	46,000	8.50	29,000	1330353		
	CHPF4860D6C*+MBR2000**-1A*+TXV		46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1330354		
	CHPF4860D6C*+TXV	G*V951155D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1330355		
	CSCF4860N6A*+MBR2000**-1+TXV		46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1031647		
	CSCF4860N6A*+TXV	G*V950905D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	890133		
	CSCF4860N6A*+TXV	G*V951155D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	890403		
	CSCF4860N6C*+MBR2000**-1+TXV		46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1298595		
	CSCF4860N6C*+TXV	G*V950905D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1296653		
	CSCF4860N6C*+TXV	G*V951155D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1296654		
	CT*F4860*6A*+MBE2000**-1+TXV		46,000	34,000	15.00	12.50	42,600	33,700	46,000	8.75	30,000	1450020		
	CT*F4860*6A*+TXV		46,000	34,000	14.00	12.00	42,600	33,700	46,000	8.50	30,000	1450021		
GSH14 0601A*	CT*F4860*6A*+TXV	G*V91155D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1450022		
	CT*F4860*6A*+TXV	G*V950905D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1450023		
	CT*F4860*6A*+TXV	G*V951155D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	1450024		
	H61F	G*V950905D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.80	30,000	890189		
	H61F+MBR2000**-1+TXV		46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	890192		
	H61F+TXV	G*V950905D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	890323		
	H61F+TXV	G*V951155D**	46,000	34,000	14.50	12.00	42,600	33,700	46,000	8.50	30,000	890242		
	ADPF486016A*+TXV		55,000	41,800	13.50	11.80	50,900	41,200	55,000	8.50	34,000	1294004		
	AEPF426016A*+TXV		55,500	42,200	14.50	12.00	51,300	41,600	54,000	9.00	33,000	1031669		
	AEPF426016B*+TXV		55,500	42,200	14.50	12.00	51,300	41,600	54,000	9.00	33,000	1277857		
	AEPF426016C*+TXV		55,500	42,200	14.50	12.00	51,300	41,600	54,000	9.00	33,000	1492604		
	AEPT060-00*-1*		55,500	42,200	14.50	12.00	51,300	41,600	54,000	9.00	33,000	890240		
GSH14 0601A*	AR*F496116A*+TXV		55,000	41,800	14.00	11.80	50,900	41,200	55,000	8.50	34,000	1492603		
	ARPF486016A*+TXV		55,500	42,200	13.50	11.50	51,300	41,600	55,000	8.50	33,000	1186276		
	ARPF48601A*+TXV		55,500	42,200	13.50	11.50	51,300	41,600	55,000	8.50	33,000	890395		
	ARPT061-00*-1*+TXV		55,500	42,200	13.50	11.50	51,300	41,600	55,000	8.50	33,000	890406		
	ARUF061-00*-1*+TXV		55,500	42,200	13.50	11.50	51,300	41,600	55,000	8.50	33,000	890148		
	ARUF486016A*+TXV		55,500	42,200	13.50	11.50	51,300	41,600	55,000	8.50	33,000	1186277		
	ARUF48601A*+TXV		55,500	42,200	13.50	11.50	51,300	41,600	55,000	8.50	33,000	890388		
	ASPF426016A*+TXV		55,500	42,200	14.50	12.00	51,300	41,600	56,000	8.75	33,000	1288560		
	ASPF426016B*+TXV		55,500	42,200	14.50	12.00	51,300	41,600	56,000	8.75	33,000	1492605		
	AT*F486016A*+TXV		55,500	42,200	13.50	11.50	51,300	41,600	55,000	8.50	33,000	1483548		
	CA*F061*2*+MBE2000**-1+TXV		55,500	42,200	15.00	12.50	51,300	41,600	54,000	9.00	33,000	890198		
	CA*F061*2*+MBR2000**-1+TXV		55,500	42,200	14.00	12.00	51,300	41,600	55,000	8.50	33,000	890131		
CA*F061*2*+TXV	G*V81155C**	55,000	41,800	14.00	12.00	50,900	41,200	55,000	8.50	34,000	1032076			

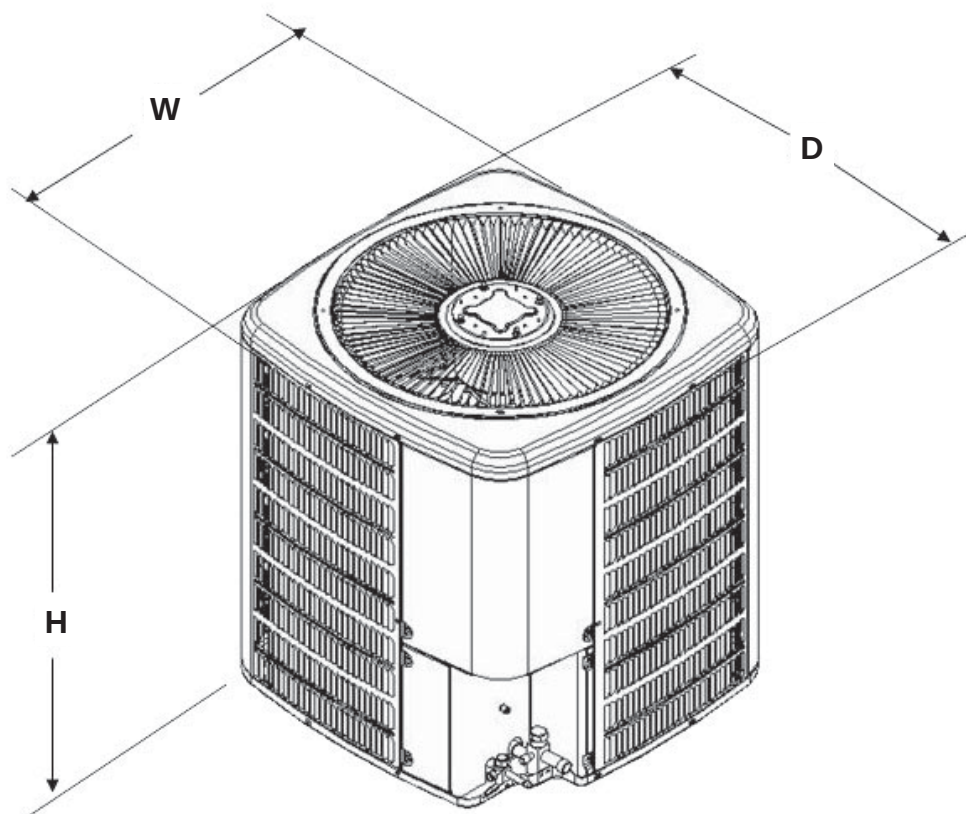
See Notes on Page 28.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³				Heating Capacity (BTU/h)			ARI #
	Coil & Blower Units	Furnace	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low			
GSH14 0601A* (cont.)	CA*F061*2*+TXV	G*V951155D**	55,500	42,200	14.00	12.00	51,300	41,600	55,000	8.50	33,000	890344		
	CA*F4860*6A*+EEP+TXV		55,000	41,800	14.00	12.00	50,900	41,200	55,000	8.50	34,000	1038365		
	CA*F4860*6A*+MBE2000**-1+TXV		55,500	42,200	15.00	12.50	51,300	41,600	54,000	9.00	33,000	890336		
	CA*F4860*6A*+MBR2000**-1+TXV		55,500	42,200	14.00	12.00	51,300	41,600	55,000	8.50	33,000	890334		
	CA*F4860*6A*+TXV	G*V950905D**	55,500	42,200	14.00	12.00	51,300	41,600	55,000	8.50	33,000	890042		
	CA*F4860*6A*+TXV	G*V951155D**	55,500	42,200	14.00	12.00	51,300	41,600	55,000	8.75	34,000	1032326		
	CA*F4961*6A*+EEP+TXV		55,000	41,800	14.00	12.00	50,900	41,200	55,000	8.50	34,000	1347225		
	CA*F4961*6A*+MBE2000**-1+TXV		55,500	42,200	15.00	12.50	51,300	41,600	54,000	9.00	33,000	1346738		
	CA*F4961*6A*+MBR2000**-1+TXV		55,500	42,200	14.00	12.00	51,300	41,600	55,000	8.50	33,000	1347180		
	CA*F4961*6A*+TXV	G*V950905D**	55,500	42,200	14.00	12.00	51,300	41,600	55,000	8.50	33,000	1346739		
	CA*F4961*6A*+TXV	G*V951155D**	55,500	42,200	14.00	12.00	51,300	41,600	55,000	8.75	34,000	1346740		
	CHPF060*2*+MBR2000**-1+TXV		55,500	42,200	14.00	12.50	51,300	41,600	54,000	8.50	33,000	890379		
	CHPF060D2*+TXV	G*V950905D**	55,500	42,200	13.50	11.50	51,300	41,600	54,000	8.50	33,000	890427		
	CHPF060D2*+TXV	G*V951155D**	55,500	42,200	13.50	11.50	51,300	41,600	54,000	8.50	33,000	890073		
	CHPF4860*6A*+MBE2000**-1+TXV		55,500	42,200	15.00	12.00	51,300	41,600	55,000	8.50	33,000	890248		
	CHPF4860D6A*+EEP+TXV		55,000	41,800	14.00	12.00	50,900	41,200	55,000	8.50	34,000	1046126		
	CHPF4860D6A*+MBR2000**-1+TXV		55,000	41,800	14.00	12.00	50,900	41,200	55,000	8.50	34,000	1031773		
	CHPF4860D6A*+TXV	G*V950905D**	55,500	42,200	13.50	11.50	51,300	41,600	54,000	8.50	33,000	890270		
	CHPF4860D6A*+TXV	G*V951155D**	55,500	42,200	13.50	11.50	51,300	41,600	54,000	8.50	33,000	890368		
	CHPF4860D6C*+EEP+TXV		55,000	41,800	14.00	12.00	50,900	41,200	55,000	8.50	34,000	1330357		
	CHPF4860D6C*+MBE2000**-1A*+TXV		55,500	42,200	15.00	12.00	51,300	41,600	55,000	8.50	33,000	1330356		
	CHPF4860D6C*+MBR2000**-1A*+TXV		55,000	41,800	14.00	12.00	50,900	41,200	55,000	8.50	34,000	1330358		
	CHPF4860D6C*+TXV	G*V950905D**	55,500	42,200	13.50	11.50	51,300	41,600	54,000	8.50	33,000	1330359		
	CHPF4860D6C*+TXV	G*V951155D**	55,500	42,200	13.50	11.50	51,300	41,600	54,000	8.50	33,000	1330360		
	CSCF4860N6A*+MBR2000**-1+TXV		55,500	42,200	14.00	11.50	51,300	41,600	54,000	8.50	33,000	1031674		
	CSCF4860N6A*+TXV	G*V90905D**	55,500	42,200	13.50	11.50	51,300	41,600	54,000	8.50	33,000	890022		
	CSCF4860N6A*+TXV	G*V951155D**	55,500	42,200	13.50	11.50	51,300	41,600	54,000	8.50	33,000	890164		
	CSCF4860N6C*+MBR2000**-1+TXV		55,500	42,200	14.00	11.50	51,300	41,600	54,000	8.50	33,000	1296596		
	CSCF4860N6C*+TXV	G*V90905D**	55,500	42,200	13.50	11.50	51,300	41,600	54,000	8.50	33,000	1296655		
	CSCF4860N6C*+TXV	G*V951155D**	55,500	42,200	13.50	11.50	51,300	41,600	54,000	8.50	33,000	1296656		
	CT*F4860*6A*+MBE2000**-1+TXV		55,500	42,200	15.00	12.50	51,300	41,600	54,000	9.00	33,000	1450025		
	CT*F4860*6A*+MBR2000**-1+TXV		55,500	42,200	14.00	12.00	51,300	41,600	55,000	8.50	33,000	1450026		
	CT*F4860*6A*+TXV	G*V950905D**	55,500	42,200	14.00	12.00	51,300	41,600	55,000	8.50	33,000	1450027		
	CT*F4860*6A*+TXV	G*V951155D**	55,500	42,200	14.00	12.00	51,300	41,600	55,000	8.75	34,000	1450028		
	H61F+MBR2000**-1+TXV		55,500	42,200	14.00	11.50	51,300	41,600	54,000	8.50	33,000	890380		
	H61F+TXV	G*V90905D**	55,500	42,200	13.50	11.50	51,300	41,600	54,000	8.50	33,000	890142		
	H61F+TXV	G*V951155D**	55,500	42,200	13.50	11.50	51,300	41,600	54,000	8.50	33,000	890352		

See Notes on Page 28.

DIMENSIONS



Model	Dimensions W x D x H
GSH140181A	29 x 29 x 34¼
GSH140241A	29 x 29 x 38¼
GSH140301A	29 x 29 x 38¼
GSH140361A	35½ x 35½ x 38¼
GSH140421A	35½ x 35½ x 38¼
GSH140481A	35½ x 35½ x 38¼
GSH140601A	35½ x 35½ x 38¼

ACCESSORIES

Model	Description	GSH14 018	GSH14 024	GSH14 030	GSH14 036	GSH14 042	GSH14 048	GSH14 060
ABK-20	Anchor Bracket Kit *	X	X	X	X	X	X	X
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X			
CSR-U-2	Hard-start Kit				X	X	X	X
CSR-U-3	Hard-start Kit						X	X
FSK01A ¹	Freeze Protection Kit	X	X	X	X	X	X	X
OT18-60A ²	Outdoor Thermostat	X	X	X	X	X	X	X
OY/EHR18-60	Emergency Heat Relay Kit	X	X	X	X	X	X	X
TX2N2 ³	TXV Kit	X						
TX3N2 ³	TXV Kit		X	X	X			
TX5N2 ³	TXV Kit					X	X	X

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

¹ Installed on indoor coil

² Required for heat pump applications where ambient temperatures fall below 0 °F with 50% or higher relative humidity.

³ Field-installed, non-bleed, expansion valve kit

Notes