Goodman®

Air Conditioning & Heating

GSH14

Split System Heat Pump

Product Specifications

The Goodman® brand GSH14 Heat Pumps offer high-efficiency heating and cooling performance, easy service, and installation flexibility. Value-driven engineering, reliable components, and our quality manufacturing make GSH14 units perfect for the value-minded homeowner or cost-conscious builder.

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
- AHRI Certified; ETL Listed

Cabinet Features

- Goodman brand 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 (Anchor bracket kits available.)

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up to 14 SEER

1½ to 5 Tons

Cooling and Heating Capacities:

18,000 BTU/h to 55,000 BTU/h

10 YEAR PARTS LIMITED WARRANTY*

GoodCare EXTENDED SERVICE PLAN

* To receive the 10-Year Parts Limited Warranty, online registration must be completed within 60 days of installation. Online registration is not required in California or Québec. Full warranty details available at www.goodmanmfg.com.

NOMENCLATURE

G	S	H	14	036	1	A	A
1	2	3	4,5	6,7,8	9	10	11

Brand

G Goodman® (Standard Feature Set Models)

S Goodman® (High Feature Set Models)

Product Category

S Split System

Unit Type

C Condenser R-22

X Condenser R-410A

H Heat Pump R-22

Z Heat Pump R-410A

Efficiency

13 13 SEER

14 14 SEER

16 16 SEER

Engineering *
Minor Revision

Engineering *
Major Revision

Electrical

1 208/230 V, 1 Phase, 60 Hz

2 220/240 V, 1 Phase, 50 Hz

3 208/230 V, 3 Phase, 60 Hz

4 460 V, 3 Phase, 60 Hz

5 380/415 V, 3 Phase, 50 Hz

Nominal Capacity

018	1½ Tons	048	4 Tons
024	2 Tons	060	5 Tons
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: EnergyStar ratings are dependent upon conditions beyond equipment installation. 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	¼	¼	¼	¼
FLA	0.6	1.10	1.10	1.50	1.50	1.50	1.50
Refrigeration System							
Refrigerant Line Size[1]							
Liquid Line Size (“O.D.)	⅜”	⅜”	⅜”	⅜”	⅜”	⅜”	⅜”
Suction Line Size (“O.D.)	¾”	¾”	¾”	⅞”	1⅛”	1⅛”	1⅛”
Refrigerant Connection Size							
Liquid Valve Size (“O.D.)	⅜”	⅜”	⅜”	⅜”	⅜”	⅜”	⅜”
Suction Valve Size (“O.D.)	¾”	¾”	¾”	⅞”	⅞”	⅞”	⅞”
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	½” or ¾”	½” or ¾”	½” or ¾”	½” or ¾”	½” or ¾”	½” or ¾”	½” or ¾”
Ship Weight (lbs)	199	207	207	242	242	266	280

[1] Tested and rated in accordance with AHRI Standard 210/240
[2] Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes
[3] Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

Notes

- Always check the S&R plate for electrical data on the unit being installed.
- Installer will need to supply ⅞” to 1⅛” adapters for suction line connections.
- Unit is charged with refrigerant for 15’ of ⅜” 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*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	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	-
		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	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	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	-
		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	-
		Hi PR	140	151	159	-	157	169	179	-	179	193	204	-	204	220	232	-	229	247	261	-	254	273	288	-
		Lo PR	63	67	73	-	67	71	77	-	69	74	80	-	73	77	84	-	76	81	88	-	79	84	91	-
	600	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	-
		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	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
		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	-
		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	-
		Hi PR	139	150	158	-	156	168	177	-	177	191	202	-	202	217	230	-	227	245	258	-	251	270	285	-
		Lo PR	62	66	72	-	66	70	76	-	68	73	79	-	72	76	83	-	75	80	88	-	78	83	91	-
	525	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	-
		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	-
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	17	13	-	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	-
		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	-
		Hi PR	135	145	153	-	151	163	172	-	172	185	195	-	196	211	223	-	220	237	250	-	244	262	277	-
		Lo PR	60	64	70	-	64	68	74	-	66	71	77	-	70	74	81	-	73	78	85	-	76	80	88	-
75	675	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
		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
		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
		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	249	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
	600	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
		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
		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
		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
		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	6.3	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
		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
	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
		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
		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
		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
		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	5.8	6.0	6.2	6.0	6.1	6.3	6.6
		Hi PR	136	147	155	161	153	164	174	181	174	187	197	206	198	213	225	235	223	240	253	264	246	265	280	292
		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

IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Shaded area reflects ACCA (TVA) conditions 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, AHRI 95 test Conditions

EXPANDED COOLING DATA — GSH140181A* (CONT.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	675	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
	600	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
		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
	525	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	675	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
	600	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
		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
	525	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

IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Shaded area reflects AHRI conditions 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, AHRI 95 test Conditions

EXPANDED COOLING DATA — GSH140241A*

IDB	Airflow		Outdoor Ambient Temperature 65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
			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	950	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	-
		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	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	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	-
		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	-
		Hi PR	134	145	153	-	151	162	171	-	172	185	195	-	195	210	222	-	220	237	250	-	243	261	276	-
		Lo PR	64	68	75	-	68	72	79	-	71	75	82	-	74	79	86	-	78	83	90	-	80	85	93	-
	850	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	-
		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	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	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	-
		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	-
		Hi PR	134	144	152	-	150	161	170	-	170	183	194	-	194	209	221	-	218	235	248	-	241	260	274	-
		Lo PR	64	68	74	-	67	72	78	-	70	75	81	-	74	78	85	-	77	82	90	-	80	85	93	-
	750	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	-
		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	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	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	-
		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	-
		Hi PR	131	141	149	-	147	158	167	-	167	180	190	-	190	205	216	-	214	230	243	-	236	254	269	-
		Lo PR	63	67	73	-	66	70	77	-	69	73	80	-	72	77	84	-	76	80	88	-	78	83	91	-
75	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
		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
		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
		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
		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	12.0	12.2	12.5	12.8	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
		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
	850	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
		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
		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
		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
		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
		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	64	69	75	80	68	72	79	84	71	75	82	88	74	**79**	86	92	78	83	90	96	81	86	94	100
	750	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
		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
		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
		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
		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
		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	63	67	73	78	67	71	77	83	69	74	81	86	73	77	85	90	76	81	89	94	79	84	92	98

IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Shaded area reflects ACCA (TVA) conditions 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, AHRI 95 test Conditions

EXPANDED COOLING DATA — GSH140241A* (CONT.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	950	MBh	23.99	24.51	26.19	27.99	23.43	23.94	25.58	27.34	22.87	23.37	24.97	26.69	22.31	22.80	24.36	26.04	21.20	21.66	23.14	24.74	19.64	20.06	21.44	22.92
		S/T	0.94	0.89	0.72	0.54	0.98	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.83	0.62
		ΔT	22	21	18	15	22	21	19	15	22	21	19	15	22	21	19	15	21	21	18	15	19	19	17	14
		kW	1.64	1.68	1.73	1.78	1.76	1.80	1.85	1.91	1.86	1.90	1.96	2.02	1.96	2.00	2.06	2.12	2.03	2.08	2.14	2.21	2.10	2.14	2.21	2.28
		Amps	10.2	10.3	10.5	10.7	10.7	10.8	11.0	11.2	11.2	11.3	11.6	11.8	11.6	11.8	12.0	12.3	12.1	12.3	12.5	12.8	12.5	12.7	13.0	13.3
		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	66	70	76	81	69	74	80	86	72	77	84	89	76	80	88	94	79	84	92	98	82	87	95	101
	850	MBh	23.6	24.1	25.8	27.6	23.1	23.6	25.2	26.9	22.5	23.0	24.6	26.3	22.0	22.5	**24.0**	25.7	20.9	21.3	22.8	24.4	19.3	19.8	21.1	22.6
		S/T	0.90	0.85	0.69	0.52	0.94	0.88	0.72	0.53	0.96	0.90	0.73	0.55	0.99	0.93	**0.76**	0.57	1.00	0.97	0.79	0.59	1.00	0.97	0.79	0.59
		ΔT	23	22	19	15	23	22	20	16	23	22	20	16	24	23	**20**	16	23	22	19	15	21	21	18	14
		kW	1.64	1.67	1.72	1.77	1.75	1.79	1.84	1.90	1.85	1.89	1.95	2.01	1.95	1.99	**2.05**	2.11	2.02	2.06	2.13	2.20	2.09	2.13	2.20	2.27
		Amps	10.2	10.3	10.5	10.7	10.6	10.8	11.0	11.2	11.1	11.3	11.5	11.8	11.6	11.8	**12.0**	12.3	12.0	12.2	12.5	12.8	12.5	12.7	13.0	13.3
		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	65	69	76	81	69	73	80	85	71	76	83	88	75	80	**87**	93	79	84	91	97	81	87	95	101
	750	MBh	22.5	22.9	24.5	26.2	21.9	22.4	23.9	25.6	21.4	21.9	23.4	25.0	20.9	21.3	22.8	24.4	19.8	20.3	21.7	23.2	18.4	18.8	20.1	21.4
		S/T	0.87	0.81	0.66	0.49	0.90	0.84	0.69	0.51	0.92	0.86	0.70	0.53	0.95	0.89	0.73	0.54	0.99	0.93	0.75	0.56	0.99	0.93	0.76	0.57
		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
		kW	1.61	1.64	1.69	1.74	1.73	1.76	1.81	1.87	1.83	1.86	1.92	1.98	1.92	1.95	2.01	2.08	1.99	2.03	2.10	2.16	2.06	2.10	2.16	2.23
		Amps	10.1	10.2	10.4	10.6	10.5	10.6	10.8	11.1	11.0	11.2	11.4	11.6	11.5	11.6	11.9	12.1	11.9	12.1	12.3	12.6	12.3	12.5	12.8	13.1
		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	64	68	74	79	67	72	78	83	70	75	81	87	74	78	85	91	77	82	90	95	80	85	93	99
85	950	MBh	24.41	24.88	26.06	27.80	23.84	24.30	25.45	27.15	23.27	23.72	24.84	26.51	22.70	23.14	24.24	25.86	21.57	21.99	23.03	24.57	19.98	20.37	21.33	22.76
		S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.92	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.98	0.80	1.00	1.00	0.99	0.80
		ΔT	23	23	22	19	23	23	22	19	23	23	22	19	22	22	22	19	21	21	22	19	19	20	20	18
		kW	1.66	1.69	1.74	1.79	1.77	1.81	1.86	1.92	1.88	1.92	1.98	2.04	1.97	2.01	2.07	2.14	2.05	2.09	2.16	2.23	2.12	2.16	2.23	2.30
		Amps	10.3	10.4	10.6	10.8	10.7	10.9	11.1	11.3	11.2	11.4	11.6	11.9	11.7	11.9	12.1	12.4	12.2	12.3	12.6	12.9	12.6	12.8	13.1	13.4
		Hi PR	139	149	157	164	155	167	177	184	177	190	201	210	201	217	229	239	227	244	258	269	250	269	285	297
		Lo PR	66	70	77	82	70	74	81	87	73	77	84	90	76	81	89	94	80	85	93	99	83	88	96	102
	850	MBh	24.0	24.5	25.7	27.4	23.5	23.9	25.1	26.8	22.9	23.4	24.5	26.1	22.4	22.8	23.9	25.5	21.2	21.7	22.7	24.2	19.7	20.1	21.0	22.4
		S/T	0.95	0.92	0.83	0.67	0.98	0.95	0.86	0.69	1.00	0.97	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	25	24	23	20	25	25	23	20	25	25	23	20	24	25	23	20	23	23	23	20	21	22	22	19
		kW	1.65	1.68	1.73	1.78	1.77	1.80	1.85	1.91	1.87	1.91	1.97	2.03	1.96	2.00	2.06	2.13	2.04	2.08	2.15	2.21	2.11	2.15	2.22	2.29
		Amps	10.2	10.4	10.5	10.8	10.7	10.8	11.0	11.3	11.2	11.4	11.6	11.8	11.7	11.8	12.1	12.4	12.1	12.3	12.6	12.9	12.6	12.8	13.0	13.4
		Hi PR	138	148	156	163	154	166	175	183	176	189	200	208	200	215	227	237	225	242	256	267	249	268	283	295
		Lo PR	66	70	76	81	69	74	81	86	72	77	84	89	76	81	88	94	79	85	92	98	82	87	95	102
	750	MBh	22.8	23.3	24.4	26.0	22.3	22.7	23.8	25.4	21.8	22.2	23.3	24.8	21.2	21.7	22.7	24.2	20.2	20.6	21.6	23.0	18.7	19.1	20.0	21.3
		S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.67	0.97	0.93	0.84	0.68	1.00	0.96	0.87	0.70	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74
		ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	26	24	21	25	25	24	21	23	23	22	19
		kW	1.62	1.66	1.70	1.75	1.74	1.77	1.83	1.88	1.84	1.88	1.93	1.99	1.93	1.97	2.03	2.09	2.01	2.05	2.11	2.18	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
		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	64	69	75	80	68	72	79	84	71	75	82	88	74	79	86	92	78	83	90	96	81	86	94	100

IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Shaded area reflects AHRI conditions 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, AHRI 95 test Conditions

EXPANDED COOLING DATA — GSH140301A*

IDB	Airflow		Outdoor Ambient Temperature 65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
			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	1214	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	-
		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	-
		ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	14	11	-	16	14	10	-
		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	-
		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	-
		Hi PR	137	148	156	-	154	166	175	-	175	188	199	-	199	215	227	-	224	241	255	-	248	267	282	-
		Lo PR	64	68	75	-	68	72	79	-	70	75	82	-	74	79	86	-	78	83	90	-	80	85	93	-
	1080	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	-
		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	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	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	-
		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	-
		Hi PR	136	146	154	-	152	164	173	-	173	187	197	-	197	212	224	-	222	239	252	-	245	264	279	-
		Lo PR	64	68	74	-	67	71	78	-	70	74	81	-	73	78	85	-	77	82	89	-	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	-
		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	-
		ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	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	-
		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	-
		Hi PR	132	142	150	-	148	159	168	-	168	181	191	-	191	206	218	-	215	232	245	-	238	256	270	-
		Lo PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	74	79	87	-	77	82	89	-
75	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
	1080	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
		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	2.53
		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
	945	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

IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Shaded area reflects ACCA (TVA) conditions 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, AHRI 95 test Conditions

EXPANDED COOLING DATA — GSH140301A* (CONT.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	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	21	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
		Hi PR	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
	1080	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
		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	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
	945	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
		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
		Hi PR	134	145	153	159	151	162	171	179	172	185	195	203	195	210	222	232	220	237	250	261	243	261	276	288
		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
85	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
		Hi PR	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
	1080	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
		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
		Hi PR	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
	945	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
		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
		Hi PR	136	146	154	161	152	164	173	181	173	186	197	205	197	212	224	234	222	239	252	263	245	264	279	291
		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

IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Shaded area reflects AHRI conditions 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, AHRI 95 test Conditions

EXPANDED COOLING DATA — GSH140361A*

IDB	Airflow		Outdoor Ambient Temperature 65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
			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	1198	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	-
		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	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	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	-
		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	-
		Hi PR	138	148	157	-	155	167	176	-	176	189	200	-	201	216	228	-	226	243	256	-	249	268	283	-
		Lo PR	63	67	73	-	66	71	77	-	69	73	80	-	72	77	84	-	76	81	88	-	78	83	91	-
	1065	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	-
		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	-
		ΔT	19	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	19	17	13	-	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	-
		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	-
		Hi PR	137	147	155	-	153	165	174	-	174	188	198	-	199	214	226	-	223	240	254	-	247	266	280	-
		Lo PR	62	66	72	-	66	70	76	-	68	73	79	-	72	76	83	-	75	80	87	-	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	-
		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	-
		ΔT	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	20	17	13	-	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	-
		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	-
		Hi PR	132	143	151	-	149	160	169	-	169	182	192	-	193	207	219	-	217	233	246	-	239	258	272	-
		Lo PR	60	64	70	-	64	68	74	-	66	70	77	-	69	74	81	-	73	77	85	-	75	80	87	-
75	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
	1065	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
		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	3.22
		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
	932	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
		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

IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Shaded area reflects ACCA (TVA) conditions 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, AHRI 95 test Conditions

EXPANDED COOLING DATA — GSH140361A* (CONT.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	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
		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
	1065	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
		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
	932	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
		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
		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
	932	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	25	22	25	25	24	20
		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

IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Shaded area reflects AHRI conditions 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, AHRI 95 test Conditions

EXPANDED COOLING DATA — GSH140421A*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1575	MBh	38.8	40.2	44.1	-	37.9	39.3	43.0	-	37.0	38.3	42.0	-	36.1	37.4	41.0	-	34.3	35.5	38.9	-	31.8	32.9	36.1	-
		S/T	0.78	0.66	0.45	-	0.81	0.68	0.47	-	0.83	0.70	0.48	-	0.86	0.72	0.50	-	0.89	0.75	0.52	-	0.90	0.75	0.52	-
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		kW	2.58	2.63	2.71	-	2.76	2.82	2.90	-	2.92	2.98	3.07	-	3.06	3.13	3.22	-	3.18	3.25	3.35	-	3.29	3.35	3.46	-
		Amps	3.1	3.4	3.7	-	3.9	4.1	4.4	-	4.7	5.0	5.3	-	5.4	5.7	6.1	-	6.1	6.4	6.8	-	6.9	7.2	7.6	-
		Hi PR	136	146	155	-	153	164	173	-	174	187	197	-	198	213	225	-	222	239	253	-	246	265	279	-
		Lo PR	63	67	73	-	67	71	77	-	69	74	80	-	73	77	84	-	76	81	89	-	79	84	92	-
	1400	MBh	37.7	39.0	42.8	-	36.8	38.1	41.8	-	35.9	37.2	40.8	-	35.0	36.3	39.8	-	33.3	34.5	37.8	-	30.8	32.0	35.0	-
		S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.66	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
		kW	2.57	2.62	2.69	-	2.74	2.80	2.88	-	2.90	2.96	3.05	-	3.04	3.10	3.20	-	3.16	3.22	3.32	-	3.26	3.33	3.43	-
		Amps	3.1	3.3	3.6	-	3.8	4.0	4.3	-	4.6	4.9	5.2	-	5.3	5.6	6.0	-	6.0	6.3	6.7	-	6.7	7.0	7.5	-
		Hi PR	135	145	153	-	151	163	172	-	172	185	195	-	196	211	223	-	220	237	250	-	243	262	277	-
		Lo PR	62	66	73	-	66	70	77	-	69	73	80	-	72	77	84	-	75	80	88	-	78	83	91	-
	1225	MBh	34.8	36.0	39.5	-	34.0	35.2	38.6	-	33.2	34.4	37.7	-	32.3	33.5	36.7	-	30.7	31.9	34.9	-	28.5	29.5	32.3	-
		S/T	0.72	0.60	0.42	-	0.75	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
		ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
		kW	2.51	2.56	2.63	-	2.68	2.74	2.82	-	2.84	2.89	2.98	-	2.97	3.03	3.12	-	3.09	3.15	3.24	-	3.18	3.25	3.35	-
		Amps	2.8	3.0	3.3	-	3.5	3.7	4.1	-	4.3	4.6	4.9	-	5.0	5.3	5.6	-	5.7	6.0	6.4	-	6.4	6.7	7.1	-
		Hi PR	131	141	148	-	147	158	167	-	167	179	190	-	190	204	216	-	214	230	243	-	236	254	268	-
		Lo PR	61	64	70	-	64	68	74	-	67	71	77	-	70	74	81	-	73	78	85	-	76	81	88	-
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
		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
	1400	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
		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
	1225	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

IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Shaded area reflects ACCA (TVA) conditions 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, AHRI 95 test Conditions

EXPANDED COOLING DATA — GSH140421A* (CONT.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	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
		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
	1400	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	23	20	16	21	21	19	15
		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
	1225	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
		S/T	0.90	0.84	0.69	0.51	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.75	0.56	1.02	0.96	0.78	0.58	1.03	0.97	0.79	0.59
		ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	24	23	20	16	23	22	19	15
		kW	2.55	2.60	2.67	2.75	2.72	2.78	2.86	2.94	2.88	2.94	3.02	3.12	3.02	3.08	3.17	3.27	3.13	3.20	3.30	3.40	3.23	3.30	3.40	3.51
		Amps	3.0	3.2	3.5	3.8	3.7	3.9	4.2	4.6	4.5	4.8	5.1	5.5	5.2	5.5	5.9	6.3	5.9	6.2	6.6	7.1	6.6	6.9	7.3	7.9
		Hi PR	133	143	152	158	150	161	170	177	170	183	193	202	194	209	220	230	218	235	248	258	241	259	274	286
		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	96
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	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
		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
	1225	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	75	80	88	93	78	83	91	97

IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Shaded area reflects AHRI conditions 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, AHRI 95 test Conditions

EXPANDED COOLING DATA — GSH140481A*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB*	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	1744	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	-
		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	-
		ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	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	-
		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	-
		Hi PR	130	140	148	-	146	157	166	-	166	179	188	-	189	203	215	-	213	229	242	-	235	253	267	-
		Lo PR	62	66	72	-	65	69	76	-	68	72	79	-	71	76	83	-	75	79	87	-	77	82	90	-
	1550	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	-
		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	-
		ΔT	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	18	16	12	-	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	-
		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	-
		Hi PR	129	138	146	-	144	155	164	-	164	177	187	-	187	201	213	-	210	226	239	-	233	250	264	-
		Lo PR	61	65	71	-	65	69	75	-	67	71	78	-	70	75	82	-	74	79	86	-	76	81	89	-
	1356	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	-
		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	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	13	-	19	16	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	-
		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	-
		Hi PR	125	134	142	-	140	151	159	-	159	171	181	-	181	195	206	-	204	220	232	-	226	243	256	-
		Lo PR	59	63	69	-	63	67	73	-	65	69	76	-	68	73	79	-	72	76	83	-	74	79	86	-
75	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
		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
		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
		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
		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
		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
		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
	1550	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
		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
		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	3.09	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
		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
		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
		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
	1356	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
		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
		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
		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
		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
		Hi PR	126	136	143	149	142	152	161	168	161	173	183	191	183	197	208	217	206	222	234	244	228	245	259	270
		Lo PR	60	64	70	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	80	87	93

IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Shaded area reflects ACCA (TVA) conditions 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, AHRI 95 test Conditions

EXPANDED COOLING DATA — GSH140481A* (CONT.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	1744	MBh	46.66	47.67	50.93	54.45	45.57	46.57	49.75	53.18	44.49	45.46	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
	1550	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
		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
	1356	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
85	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
	1550	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
		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
	1356	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

IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Shaded area reflects AHRI conditions 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, AHRI 95 test Conditions

EXPANDED COOLING DATA — GSH140601A*

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	2081	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	-
	1850	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	-
		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	-
	1619	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	-
		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	-
75	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
	1850	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
		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
	1619	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
		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

IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Shaded area reflects ACCA (TVA) conditions 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, AHRI 95 test Conditions

EXPANDED COOLING DATA — GSH140601A* (CONT.)

			Outdoor Ambient Temperature																							
			65ºF				75ºF				85ºF				95ºF				105ºF				115ºF			
			Entering Indoor Wet Bulb Temperature																							
IDB	Airflow		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	2081	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	22	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
	1850	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
		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
	1619	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	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	85	90
85	2081	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	16.7	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
	1850	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
		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
	1619	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

IDB: Entering Indoor Dry Bulb Temperature kW=Total system power Shaded area reflects AHRI conditions 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, AHRI 95 test Conditions

EXPANDED HEATING DATA

GSH140181A*

	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*

	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*

	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*

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

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

EXPANDED HEATING DATA (CONT.)

GSH140421A*

	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*

	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*

	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

AHRI PERFORMANCE RATINGS

Outdoor Unit	Indoor Units		Cooling Capacity				TVA Ratings[3]		Heating Capacity			AHRI #
	Coil & Air Handler	Furnace/ Blower	Total	Sens.	SEER[1]	EER[2]	Total	Sens.	High	HSPF[4]	Low	
GSH14 0181A*	AEPF183016C*+TXV		18,000	13,300	15.0	12.5	16,700	13,200	18,000	8.2	10,400	1492587
	AR*F193116B*+TXV		19,000	14,100	14.0	12.0	17,600	13,900	18,000	8.3	11,000	1492588
	ASPF183016B*+TXV		18,000	13,300	15.0	12.5	16,700	13,200	18,000	8.5	10,400	1492589
	CA*F3131*6B*+EEP+TXV		19,000	14,100	14.0	12.0	17,600	13,900	18,000	8.3	11,000	1346706
	CA*F3131*6B*+TXV	MBE1200**-1	18,000	13,300	15.0	12.5	16,700	13,200	18,000	8.2	10,400	1346700
	CA*F3131*6B*+TXV	MBR0800**-1	18,000	13,300	14.0	12.0	16,700	13,200	18,000	8.2	10,400	1346701
	CA*F3131*6B*+TXV	G*V950704C**	18,600	13,800	15.0	12.5	17,200	13,600	18,000	8.3	11,000	1346705
	CA*F3131*6B*+TXV	G*V950453B**	18,000	13,300	15.0	12.5	16,700	13,200	18,000	8.2	10,400	1346704
	CA*F3131*6B*+TXV	G*E80704B**	18,000	13,300	15.0	12.5	16,700	13,200	18,000	8.2	10,400	1346702
	CA*F3131*6C*+EEP+TXV		19,000	14,100	14.0	12.0	17,600	13,900	18,000	8.3	11,000	1386241
	CA*F3131*6C*+TXV	MBE1200**-1	18,000	13,300	15.0	12.5	16,700	13,200	18,000	8.2	10,400	1386243
	CA*F3131*6C*+TXV	MBR0800**-1	18,000	13,300	14.0	12.0	16,700	13,200	18,000	8.2	10,400	1386245
	CA*F3131*6C*+TXV	G*V950704C**	18,600	13,800	15.0	12.5	17,200	13,600	18,000	8.3	11,000	1401055
	CA*F3131*6C*+TXV	G*V950453B**	18,000	13,300	15.0	12.5	16,700	13,200	18,000	8.2	10,400	1401054
	CA*F3131*6C*+TXV	G*E80704B**	18,000	13,300	15.0	12.5	16,700	13,200	18,000	8.2	10,400	1401052
	CHPF2430B6B*+EEP+TXV		18,000	13,300	13.5	11.8	16,700	13,200	18,000	8.2	10,400	1347584
	CHPF2430B6B*+TXV	MBE1200**-1A*	18,600	13,800	15.0	12.5	17,200	13,600	18,000	8.2	10,400	1352849
	CHPF2430B6B*+TXV	MBR0800**-1A*	18,000	13,300	14.0	12.0	16,700	13,200	18,000	8.2	10,400	1330328
	CHPF2430B6B*+TXV	G*V950453B**	18,000	13,300	15.0	12.5	16,700	13,200	18,000	8.2	10,400	1330330
	CHPF2430B6B*+TXV	G*E80704B**	18,000	13,300	15.0	12.5	16,700	13,200	18,000	8.2	10,400	1347585
	CHPF2430B6C*+EEP+TXV		18,000	13,300	13.5	11.8	16,700	13,200	18,000	8.2	10,400	3300229
	CHPF2430B6C*+TXV	MBE1200**-1B*	18,600	13,800	15.0	12.5	17,200	13,600	18,000	8.2	10,400	3300230
	CHPF2430B6C*+TXV	MBR0800**-1	18,000	13,300	14.0	12.0	16,700	13,200	18,000	8.2	10,400	3300231
	CHPF2430B6C*+TXV	G*E80704B**	18,000	13,300	15.0	12.5	16,700	13,200	18,000	8.2	10,400	3300232
	CHPF2430B6C*+TXV	G*V950453B**	18,000	13,300	15.0	12.5	16,700	13,200	18,000	8.2	10,400	3300234
	CHPF2430B6C*+TXV		18,000	13,300	13.5	11.8	16,700	13,200	18,000	8.2	10,400	3300235
	CSCF3036N6B*+TXV	MBR0800**-1	18,000	13,300	14.0	12.0	16,700	13,200	18,000	8.2	10,400	1296854
	CSCF3036N6B*+TXV	G*E80704B**	18,000	13,300	15.0	12.5	16,700	13,200	18,000	8.2	10,400	1296641
	CSCF3036N6B*+TXV	G*V950453B**	18,000	13,300	15.0	12.5	16,700	13,200	18,000	8.2	10,400	1296643
GSH14 0241A*	ADPF304216B*+TXV		24,000	18,200	14.0	12.0	22,200	18,000	24,000	8.2	15,000	1492590
	AEPF303616C*+TXV		24,000	18,200	15.0	12.5	22,200	18,000	24,000	8.2	15,000	1443958
	AEPF313716A*+TXV		24,000	18,200	15.0	12.5	22,200	18,000	24,000	8.2	15,000	3305544
	AR*F193116B*+TXV		24,000	18,200	14.0	12.0	22,200	18,000	24,000	8.5	14,000	1492591
	ASPF303616B*+TXV		24,000	18,200	15.0	12.5	22,200	18,000	22,000	8.5	12,000	1443985
	ASPF313716A*+TXV		24,000	18,200	15.0	12.5	22,200	18,000	22,000	8.5	12,000	3305545
	CA*F3636*6B*	G*V90704C**	23,600	17,900	15.0	12.5	21,800	17,700	23,600	8.2	15,000	1347214
	CA*F3636*6B*	G*V950453B**	23,600	17,900	14.0	12.0	21,800	17,700	23,600	8.2	15,000	1347215
	CA*F3636*6B*+EEP+TXV		24,000	18,200	14.0	12.0	22,200	18,000	24,800	8.5	14,000	1346707
	CA*F3636*6B*+TXV	MBE1200**-1	24,000	18,200	15.0	12.5	22,200	18,000	24,000	8.2	15,000	1346708
	CA*F3636*6B*+TXV	MBR0800**-1	24,000	18,200	14.0	12.0	22,200	18,000	24,000	8.4	15,000	1346709
	CA*F3636*6B*+TXV	G*V950704C**	23,600	17,900	15.0	12.5	21,800	17,700	23,600	8.2	15,000	1346712
	CA*F3636*6B*+TXV	G*E80704B**	23,000	17,500	15.0	12.5	21,300	17,300	23,000	8.2	15,000	1346710
	CA*F3636*6C*	G*V950453B**	23,600	17,900	14.0	12.0	21,800	17,700	23,600	8.2	15,000	3422750
	CA*F3636*6C*	G*V90704C**	23,600	17,900	15.0	12.5	21,800	17,700	23,600	8.2	15,000	3422749
	CA*F3636*6C*+EEP+TXV		24,000	18,200	14.0	12.0	22,200	18,000	24,800	8.5	14,000	3422839
	CA*F3636*6C*+TXV	MBE1200**-1B*	24,000	18,200	15.0	12.5	22,200	18,000	24,000	8.2	15,000	3422751
	CA*F3636*6C*+TXV	MBR0800**-1	24,000	18,200	14.0	12.0	22,200	18,000	24,000	8.4	15,000	3422840
	CA*F3636*6C*+TXV	G*E80704B**	23,000	17,500	15.0	12.5	21,300	17,300	23,000	8.2	15,000	3422752
	CA*F3636*6C*+TXV	G*V950704C**	23,600	17,900	15.0	12.5	21,800	17,700	23,600	8.2	15,000	3422753

See Notes on Page 25.

AHRI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity				TVA Ratings[3]		Heating Capacity			AHRI #
	Coil & Air Handler	Furnace/ Blower	Total	Sens.	SEER[1]	EER[2]	Total	Sens.	High	HSPF[4]	Low	
GSH14 0241A* (cont.)	CA*F3743*6A*+EEP+TXV		24,000	18,200	14.0	12.0	22,200	18,000	24,800	8.5	14,000	1347216
	CA*F3743*6A*+EEP+TXV		24,000	18,200	14.0	12.0	22,200	18,000	24,800	8.5	14,000	3000851
	CHPF3636B6B*+EEP+TXV		24,000	18,200	14.0	12.0	22,200	18,000	24,800	8.5	14,000	1330332
	CHPF3636B6B*+TXV	MBE1200**-1A*	24,000	18,200	15.0	12.5	22,200	18,000	24,000	8.2	15,000	1330331
	CHPF3636B6B*+TXV	MBR0800**-1A*	24,000	18,200	14.0	12.0	22,200	18,000	24,000	8.2	15,000	1330333
	CHPF3636B6B*+TXV	G*V950453B**	24,000	18,200	14.5	12.2	22,200	18,000	24,000	8.4	15,000	1330335
	CHPF3636B6B*+TXV	G*V950704C**	24,000	18,200	14.5	12.2	22,200	18,000	24,000	8.4	15,000	3322861
	CHPF3636B6B*+TXV	G*E80704B**	24,000	18,200	15.0	12.5	22,200	18,000	24,000	8.4	15,000	1347588
	CHPF3636B6C*+EEP+TXV		24,000	18,200	14.0	12.0	22,200	18,000	24,800	8.5	14,000	3300236
	CHPF3636B6C*+TXV	MBE1200**-1B*	24,000	18,200	15.0	12.5	22,200	18,000	24,000	8.2	15,000	3300237
	CHPF3636B6C*+TXV	MBR0800**-1	24,000	18,200	14.0	12.0	22,200	18,000	24,000	8.2	15,000	3300238
	CHPF3636B6C*+TXV	G*E80704B**	24,000	18,200	15.0	12.5	22,200	18,000	24,000	8.4	15,000	3300239
	CHPF3636B6C*+TXV	G*V950453B**	24,000	18,200	14.5	12.2	22,200	18,000	24,000	8.4	15,000	3300241
	CSCF3036N6B*+TXV	G*V950453B**	24,000	18,200	14.5	12.2	22,200	18,000	24,000	8.4	15,000	1296646
	CSCF3036N6B*+TXV	G*E80704B**	24,000	18,200	15.0	12.5	22,200	18,000	24,000	8.4	15,000	1296644
GSH14 0301A*	ADPF304216B*+TXV		27,400	21,900	13.5	11.8	25,300	21,500	28,000	8.5	18,000	1492592
	AEPF303616C*+TXV		28,000	22,400	15.0	12.5	25,900	22,000	27,600	8.4	16,800	1443959
	AEPF313716A*+TXV		28,000	22,400	15.0	12.5	25,900	22,000	27,600	8.4	16,800	3305546
	AR*F193116B*+TXV		28,000	22,400	14.0	12.0	25,900	22,000	26,600	8.3	17,400	1492593
	ASPF303616B*+TXV		28,000	22,400	15.0	12.5	25,900	22,000	28,000	8.5	18,000	1443986
	ASPF313716A*+TXV		28,000	22,400	15.0	12.5	25,900	22,000	28,000	8.5	18,000	3305547
	CA*F3743*6A*	G*V90704C**	28,000	22,400	14.5	12.2	25,900	22,000	27,600	8.4	16,800	1347217
	CA*F3743*6A*	G*V90905D**	28,800	23,000	15.0	12.5	26,600	22,600	28,000	8.5	18,000	1347218
	CA*F3743*6A*+EEP+TXV		28,000	22,400	14.0	12.0	25,900	22,000	27,000	8.5	18,000	1347219
	CA*F3743*6A*+EEP+TXV		28,000	22,400	14.0	12.0	25,900	22,000	27,000	8.5	18,000	3000852
	CA*F3743*6A*+TXV	MBE1600**-1	28,000	22,400	15.0	12.5	25,900	22,000	27,600	8.5	16,800	1346713
	CA*F3743*6A*+TXV	MBE1600**-1	28,000	22,400	15.0	12.5	25,900	22,000	27,600	8.5	16,800	3000853
	CA*F3743*6A*+TXV	MBR1200**-1	28,000	22,400	14.0	12.0	25,900	22,000	27,600	8.4	16,800	3000854
	CA*F3743*6A*+TXV	MBR1200**-1	28,000	22,400	14.0	12.0	25,900	22,000	27,600	8.4	16,800	1347176
	CA*F3743*6A*+TXV	MBE1600**-1	28,000	22,400	14.0	12.0	25,900	22,000	27,000	8.5	18,000	3000855
	CA*F3743*6A*+TXV	MBE1600**-1	28,000	22,400	14.0	12.0	25,900	22,000	27,000	8.5	18,000	1346714
	CA*F3743*6A*+TXV	G*E81155C**	28,000	22,400	14.5	12.2	25,900	22,000	27,600	8.4	16,800	1346716
	CA*F3743*6A*+TXV	G*E80905C**	28,000	22,400	14.5	12.2	25,900	22,000	27,600	8.4	16,800	1346715
	CA*F3743*6A*+TXV	G*V950704C**	28,000	22,400	14.5	12.5	25,900	22,000	27,000	8.5	18,000	1346719
	CHPF3642C6B*+TXV	MBE1600**-1A*	28,000	22,400	15.0	12.5	25,900	22,000	27,600	8.5	16,800	1330340
	CHPF3642C6B*+TXV	MBR1600**-1A*	28,000	22,400	14.0	12.0	25,900	22,000	27,600	8.4	16,800	1330341
	CHPF3642C6B*+TXV	G*V950704C**	28,000	22,400	14.5	12.2	25,900	22,000	27,600	8.4	16,800	1330338
	CHPF3642C6B*+TXV	G*E80905C**	28,000	22,400	14.5	12.2	25,900	22,000	27,600	8.4	16,800	1347590
	CHPF3642C6B*+TXV	G*E81155C**	28,000	22,400	14.5	12.2	25,900	22,000	27,600	8.4	16,800	1347592
	CHPF3642C6C*+EEP+TXV		28,000	22,400	14.0	12.0	25,900	22,000	27,000	8.5	18,000	3300242
	CHPF3642C6C*+TXV	MBE1600**-1B*	28,000	22,400	15.0	12.5	25,900	22,000	27,600	8.5	16,800	3300243
	CHPF3642C6C*+TXV	MBR1600**-1	28,000	22,400	14.0	12.0	25,900	22,000	27,600	8.4	16,800	3300244
	CHPF3642C6C*+TXV	G*E81155C**	28,000	22,400	14.5	12.2	25,900	22,000	27,600	8.4	16,800	3300246
	CHPF3642C6C*+TXV	G*E80905C**	28,000	22,400	14.5	12.2	25,900	22,000	27,600	8.4	16,800	3300245
	CHPF3642C6C*+TXV	G*V950704C**	28,000	22,400	14.5	12.2	25,900	22,000	27,600	8.4	16,800	3300249
	CSCF3642N6C*+TXV	MBR1600**-1	28,000	22,400	14.0	12.0	25,900	22,000	27,600	8.4	16,800	1296594
	CSCF3642N6C*+TXV	G*V950704C**	28,000	22,400	14.5	12.2	25,900	22,000	27,600	8.4	16,800	1296591
	CSCF3642N6C*+TXV	G*E81155C**	28,000	22,400	14.5	12.2	25,900	22,000	27,600	8.4	16,800	1296588
	CSCF3642N6C*+TXV	G*E80905C**	28,000	22,400	14.5	12.2	25,900	22,000	27,600	8.4	16,800	1296587

See Notes on Page 25.

AHRI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity				TVA Ratings[3]		Heating Capacity			AHRI #
	Coil & Air Handler	Furnace/ Blower	Total	Sens.	SEER[1]	EER[2]	Total	Sens.	High	HSPF[4]	Low	
GSH14 0361A*	ADPF486016B*+TXV		34,000	24,100	13.5	11.8	31,500	23,900	32,600	8.3	22,000	3018423
	AEPF313716A*		33,400	23,700	14.5	12.2	30,900	23,500	34,600	8.8	21,600	3305550
	AEPF313716A*+TXV		33,400	23,700	14.5	12.2	30,900	23,500	34,600	8.8	21,600	3305548
	AEPF426016C*		35,000	24,900	15.0	12.5	32,400	24,600	34,600	8.8	21,600	3058913
	AEPF426016C*+TXV		35,000	24,900	15.0	12.5	32,400	24,600	34,600	8.8	21,600	1492594
	AR*F374316B*		36,000	25,600	14.0	12.0	33,300	25,300	34,600	8.8	22,000	3058918
	AR*F374316B*+TXV		36,000	25,600	14.0	12.0	33,300	25,300	34,600	8.8	22,000	1492646
	ASPF313716A*		34,200	24,300	14.5	12.0	31,600	24,000	34,600	9.0	23,600	3305551
	ASPF313716A*+TXV		34,200	24,300	14.5	12.0	31,600	24,000	34,600	9.0	23,600	3305549
	ASPF426016B*		35,000	24,900	15.0	13.0	32,400	24,600	34,600	9.0	23,600	3058924
	ASPF426016B*+TXV		35,000	24,900	15.0	13.0	32,400	24,600	34,600	9.0	23,600	1492596
	CA*F4961*6A*	G*V90905D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	8.8	21,600	1347220
	CA*F4961*6A*	G*E80905C**	34,600	24,600	14.5	12.2	32,000	24,300	34,600	8.8	21,600	3058938
	CA*F4961*6A*	G*V950704C**	34,600	24,600	14.5	12.2	32,000	24,300	34,600	8.8	21,600	3058942
	CA*F4961*6A*	G*V950905D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	8.8	21,600	3058943
	CA*F4961*6A*	G*E81155C**	34,600	24,600	14.5	12.2	32,000	24,300	34,600	8.8	21,600	3058939
	CA*F4961*6A*	G*V951155D**	34,600	24,600	15.0	13.0	32,000	24,300	34,600	9.0	21,600	3058944
	CA*F4961*6A*+EEP		36,000	25,600	14.0	12.0	33,300	25,300	34,600	8.8	22,000	3058937
	CA*F4961*6A*+EEP+TXV		36,000	25,600	14.0	12.0	33,300	25,300	34,600	8.8	22,000	1347221
	CA*F4961*6A*	MBE1600**-1	34,600	24,600	14.5	12.2	32,000	24,300	34,600	8.8	21,600	3059496
	CA*F4961*6A*+TXV	MBE1600**-1	34,600	24,600	14.5	12.2	32,000	24,300	34,600	8.8	21,600	1346720
	CA*F4961*6A*	MBE2000**-1	34,600	24,600	15.0	12.5	32,000	24,300	34,600	8.8	21,600	3059497
	CA*F4961*6A*+TXV	MBE2000**-1	34,600	24,600	15.0	12.5	32,000	24,300	34,600	8.8	21,600	1346721
	CA*F4961*6A*	MBR1600**-1	34,600	24,600	14.0	12.0	32,000	24,300	34,600	8.8	21,600	3059498
	CA*F4961*6A*+TXV	MBR1600**-1	34,600	24,600	14.0	12.0	32,000	24,300	34,600	8.8	21,600	1346722
	CA*F4961*6A*+TXV	G*V950704C**	34,600	24,600	14.5	12.2	32,000	24,300	34,600	8.8	21,600	1346728
	CA*F4961*6A*+TXV	G*V950905D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	8.8	21,600	1346729
	CA*F4961*6A*+TXV	G*V951155D**	34,600	24,600	15.0	13.0	32,000	24,300	34,600	9.0	21,600	1347177
	CA*F4961*6A*+TXV	G*V90905D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	8.8	21,600	1346727
	CA*F4961*6A*+TXV	G*E81155C**	34,600	24,600	14.5	12.2	32,000	24,300	34,600	8.8	21,600	1346724
	CA*F4961*6A*+TXV	G*E80905C**	34,600	24,600	14.5	12.2	32,000	24,300	34,600	8.8	21,600	1346723
	CHPF3743C6A*	MBE1600**-1A*	35,000	24,900	15.0	12.5	32,400	24,600	34,600	8.8	21,600	3059499
	CHPF3743C6A*+TXV	MBE1600**-1A*	35,000	24,900	15.0	12.5	32,400	24,600	34,600	8.8	21,600	1347604
	CHPF3743C6B*	MBE1600**-1B*	35,000	24,900	15.0	12.5	32,400	24,600	34,600	8.8	21,600	3300252
	CHPF3743C6B*+TXV	MBE1600**-1B*	35,000	24,900	15.0	12.5	32,400	24,600	34,600	8.8	21,600	3300253
	CHPF4860D6C*	G*V90905D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3058957
	CHPF4860D6C*	G*V951155D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3058959
	CHPF4860D6C*	G*V950905D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3058958
	CHPF4860D6C*	G*E80905C**	35,200	25,000	14.5	12.2	32,600	24,800	34,600	8.8	21,600	3058956
	CHPF4860D6C*+EEP		34,600	24,600	14.0	12.0	32,000	24,300	34,600	8.8	22,000	3058954
	CHPF4860D6C*+EEP+TXV		34,600	24,600	14.0	12.0	32,000	24,300	34,600	8.8	22,000	1330342
	CHPF4860D6C*	MBE1600**-1	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3059508
	CHPF4860D6C*+TXV	MBE1600**-1A*	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	1330343
	CHPF4860D6C*	MBE2000**-1A*	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3058955
	CHPF4860D6C*+TXV	MBE2000**-1A*	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	1330344
	CHPF4860D6C*+TXV	G*V950905D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	1330346
	CHPF4860D6C*+TXV	G*E80905C**	35,200	25,000	14.5	12.2	32,600	24,800	34,600	8.8	21,600	1347602
	CHPF4860D6C*+TXV	G*V90905D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	1330345

See Notes on Page 25.

AHRI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity				TVA Ratings[3]		Heating Capacity			AHRI #
	Coil & Air Handler	Furnace/ Blower	Total	Sens.	SEER[1]	EER[2]	Total	Sens.	High	HSPF[4]	Low	
GSH14 0361A* (cont.)	CHPF4860D6C*+TXV	G*V951155D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	1330347
	CHPF4860D6D*	G*V951155D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3300258
	CHPF4860D6D*	G*V90905D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3300256
	CHPF4860D6D*	G*V950905D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3300257
	CHPF4860D6D*	G*E80905C**	35,200	25,000	14.5	12.2	32,600	24,800	34,600	8.8	21,600	3300254
	CHPF4860D6D*+EEP		34,600	24,600	14.0	12.0	32,000	24,300	34,600	8.8	22,000	3300259
	CHPF4860D6D*+EEP+TXV		34,600	24,600	14.0	12.0	32,000	24,300	34,600	8.8	22,000	3300260
	CHPF4860D6D*	MBE1600**-1B*	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3300261
	CHPF4860D6D*+TXV	MBE1600**-1B*	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3300262
	CHPF4860D6D*+	MBE2000**-1B*	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3300263
	CHPF4860D6D*+TXV	MBE2000**-1B*	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3300264
	CHPF4860D6D*+TXV	G*V90905D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3300267
	CHPF4860D6D*+TXV	G*V951155D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3300269
	CHPF4860D6D*+TXV	G*E80905C**	35,200	25,000	14.5	12.2	32,600	24,800	34,600	8.8	21,600	3300265
	CHPF4860D6D*+TXV	G*V950905D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	9.0	21,600	3300268
	CSCF4860N6C*	G*V90905D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	8.8	21,600	3058964
	CSCF4860N6C*	G*V951155D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	8.8	21,600	3058965
	CSCF4860N6C*+EEP		34,600	24,600	14.0	12.0	32,000	24,300	34,600	8.8	22,000	3058963
	CSCF4860N6C*+EEP+TXV		34,600	24,600	14.0	12.0	32,000	24,300	34,600	8.8	22,000	1296647
	CSCF4860N6C*+TXV	G*V90905D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	8.8	21,600	1296648
	CSCF4860N6C*+TXV	G*V951155D**	34,600	24,600	15.0	12.5	32,000	24,300	34,600	8.8	21,600	1296649
GSH14 0421A*	ADPF486016B*		38,500	30,000	13.5	11.8	35,600	29,500	39,500	9.0	25,000	3058975
	ADPF486016B*+TXV		38,500	30,000	13.5	11.8	35,600	29,500	39,500	9.0	25,000	1492597
	AEPF426016C*		39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	3058978
	AEPF426016C*+TXV		39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	1492598
	AR*F374316B*		39,500	30,800	14.0	12.0	36,500	30,300	39,500	9.0	25,000	3058979
	AR*F374316B*+TXV		39,500	30,800	14.0	12.0	36,500	30,300	39,500	9.0	25,000	1492647
	ASPF426016B*		39,500	30,800	15.0	12.5	36,500	30,300	40,000	9.0	27,400	3058983
	ASPF426016B*+TXV		39,500	30,800	15.0	12.5	36,500	30,300	40,000	9.0	27,400	1492599
	CA*F4961*6A*	G*V950905D**	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	3058992
	CA*F4961*6A*	G*V951155D**	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	3058993
	CA*F4961*6A*+EEP		40,000	31,200	14.0	12.0	37,000	30,700	39,000	9.0	25,000	3058990
	CA*F4961*6A*+EEP+TXV		40,000	31,200	14.0	12.0	37,000	30,700	39,000	9.0	25,000	1347222
	CA*F4961*6A*	MBE2000**-1	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	3059501
	CA*F4961*6A*+TXV	MBE2000**-1	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	1346730
	CA*F4961*6A*	MBR2000**-1	39,500	30,800	14.0	12.0	36,500	30,300	39,500	9.0	25,000	3059502
	CA*F4961*6A*+TXV	MBR2000**-1	39,500	30,800	14.0	12.0	36,500	30,300	39,500	9.0	25,000	1347178
	CA*F4961*6A*+TXV	G*V951155D**	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	1346733
	CA*F4961*6A*+TXV	G*V950905D**	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	1346732
	CHPF4860D6C*	G*V950905D**	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	3059003
	CHPF4860D6C*	G*V951155D**	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	3059004
	CHPF4860D6C*+EEP		40,000	31,200	14.0	12.0	37,000	30,700	39,000	9.0	25,000	3058999
	CHPF4860D6C*+EEP+TXV		40,000	31,200	14.0	12.0	37,000	30,700	39,000	9.0	25,000	1330351
	CHPF4860D6C*	MBE2000**-1A*	39,500	30,800	15.0	12.0	36,500	30,300	39,500	9.0	25,000	3059000
	CHPF4860D6C*+TXV	MBE2000**-1A*	39,500	30,800	15.0	12.0	36,500	30,300	39,500	9.0	25,000	1330348
	CHPF4860D6C*	MBE2000**-1B*	39,500	30,800	15.0	12.0	36,500	30,300	39,500	9.0	25,000	3322435
	CHPF4860D6C*+TXV	MBE2000**-1B*	39,500	30,800	15.0	12.0	36,500	30,300	39,500	9.0	25,000	3322436

See Notes on Page 25.

AHRI PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity				TVA Ratings[3]		Heating Capacity			AHRI #
	Coil & Air Handler	Furnace/ Blower	Total	Sens.	SEER[1]	EER[2]	Total	Sens.	High	HSPF[4]	Low	
GSH14 0421A* (cont.)	CHPF4860D6C*	MBR2000**-1A*	40,000	31,200	14.0	12.0	37,000	30,700	39,000	9.0	25,000	3059001
	CHPF4860D6C*+TXV	MBR2000**-1A*	40,000	31,200	14.0	12.0	37,000	30,700	39,000	9.0	25,000	1330352
	CHPF4860D6C*+TXV	G*V950905D**	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	1330349
	CHPF4860D6C*+TXV	G*V951155D**	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	1330350
	CHPF4860D6D*	G*V950905D**	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	3300271
	CHPF4860D6D*	G*V951155D**	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	3300272
	CHPF4860D6D*+EEP		40,000	31,200	14.0	12.0	37,000	30,700	39,000	9.0	25,000	3300273
	CHPF4860D6D*+EEP+TXV		40,000	31,200	14.0	12.0	37,000	30,700	39,000	9.0	25,000	3300274
	CHPF4860D6D*	MBE2000**-1B*	39,500	30,800	15.0	12.0	36,500	30,300	39,500	9.0	25,000	3300275
	CHPF4860D6D*+TXV	MBE2000**-1B*	39,500	30,800	15.0	12.0	36,500	30,300	39,500	9.0	25,000	3300276
	CHPF4860D6D*	MBR2000**-1	40,000	31,200	14.0	12.0	37,000	30,700	39,000	9.0	25,000	3300277
	CHPF4860D6D*+TXV	MBR2000**-1	40,000	31,200	14.0	12.0	37,000	30,700	39,000	9.0	25,000	3300278
	CHPF4860D6D*	MBR2000**-1A*	40,000	31,200	14.0	12.0	37,000	30,700	39,000	9.0	25,000	3300279
	CHPF4860D6D*+TXV	G*V950905D**	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	3300281
	CHPF4860D6D*+TXV	G*V951155D**	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	3300282
	CSCF4860N6C*	G*V950905D**	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	3059009
	CSCF4860N6C*	G*V951155D**	39,500	30,800	15.0	13.0	36,500	30,300	39,500	9.0	25,000	3059010
	CSCF4860N6C*+EEP		39,000	30,400	14.0	12.0	36,100	30,000	38,500	9.0	25,000	3059008
	CSCF4860N6C*+EEP+TXV		39,000	30,400	14.0	12.0	36,100	30,000	38,500	9.0	25,000	1296650
	CSCF4860N6C*+TXV	G*V950905D**	39,500	30,800	15.0	12.5	36,500	30,300	39,500	9.0	25,000	1296651
	CSCF4860N6C*+TXV	G*V951155D**	39,500	30,800	15.0	13.0	36,500	30,300	39,500	9.0	25,000	1296652
GSH14 0481A*	ADPF486016B*+TXV		46,000	34,000	13.5	11.8	42,600	33,700	46,000	8.5	30,000	3018424
	AEPF426016C*		45,500	33,700	15.0	12.5	42,100	33,300	46,000	8.8	30,000	3059019
	AEPF426016C*+TXV		45,500	33,700	15.0	12.5	42,100	33,300	46,000	8.8	30,000	1492600
	AR*F374316B*		46,000	34,000	14.0	12.0	42,600	33,700	46,000	8.5	30,000	3059020
	AR*F374316B*+TXV		46,000	34,000	14.0	12.0	42,600	33,700	46,000	8.5	30,000	1492648
	AR*F486016B*		45,000	33,300	14.0	12.0	41,600	32,900	46,000	8.5	30,000	3059022
	AR*F486016B*+TXV		45,000	33,300	14.0	12.0	41,600	32,900	46,000	8.5	30,000	1492601
	AR*F496116A*+TXV		45,000	33,300	14.0	12.0	41,600	32,900	46,000	8.5	30,000	3018330
	ASPF426016B*		45,500	33,700	15.0	12.5	42,100	33,300	46,000	8.8	30,000	3059026
	ASPF426016B*+TXV		45,500	33,700	15.0	12.5	42,100	33,300	46,000	8.8	30,000	1492602
	CA*F4961*6A*	G*V91155D**	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	3059034
	CA*F4961*6A*	G*V951155D**	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	3059035
	CA*F4961*6A*	G*V950905D**	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	1347223
	CA*F4961*6A*+EEP		46,000	34,000	14.0	12.0	42,600	33,700	46,000	8.5	29,000	3059033
	CA*F4961*6A*+EEP+TXV		46,000	34,000	14.0	12.0	42,600	33,700	46,000	8.5	29,000	1347224
	CA*F4961*6A*	MBE2000**-1	46,000	34,000	15.0	12.5	42,600	33,700	46,000	8.8	30,000	3059504
	CA*F4961*6A*+TXV	MBE2000**-1	46,000	34,000	15.0	12.5	42,600	33,700	46,000	8.8	30,000	1346734
	CA*F4961*6A*	MBE2000**-1	46,000	34,000	14.0	12.0	42,600	33,700	46,000	8.5	30,000	3059505
	CA*F4961*6A*+TXV	MBE2000**-1	46,000	34,000	14.0	12.0	42,600	33,700	46,000	8.5	30,000	1347179
	CA*F4961*6A*+TXV	G*V91155D**	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	1346735
	CA*F4961*6A*+TXV	G*V951155D**	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	1346737
	CA*F4961*6A*+TXV	G*V950905D**	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	1346736
	CHPF4860D6C*	G*V951155D**	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	3059040
	CHPF4860D6C*+EEP		46,000	34,000	14.0	12.0	42,600	33,700	46,000	8.5	29,000	3059038
	CHPF4860D6C*+EEP+TXV		46,000	34,000	14.0	12.0	42,600	33,700	46,000	8.5	29,000	1330353

See Notes on Page 25.

AHRI PERFORMANCE RATINGS (CONT.)

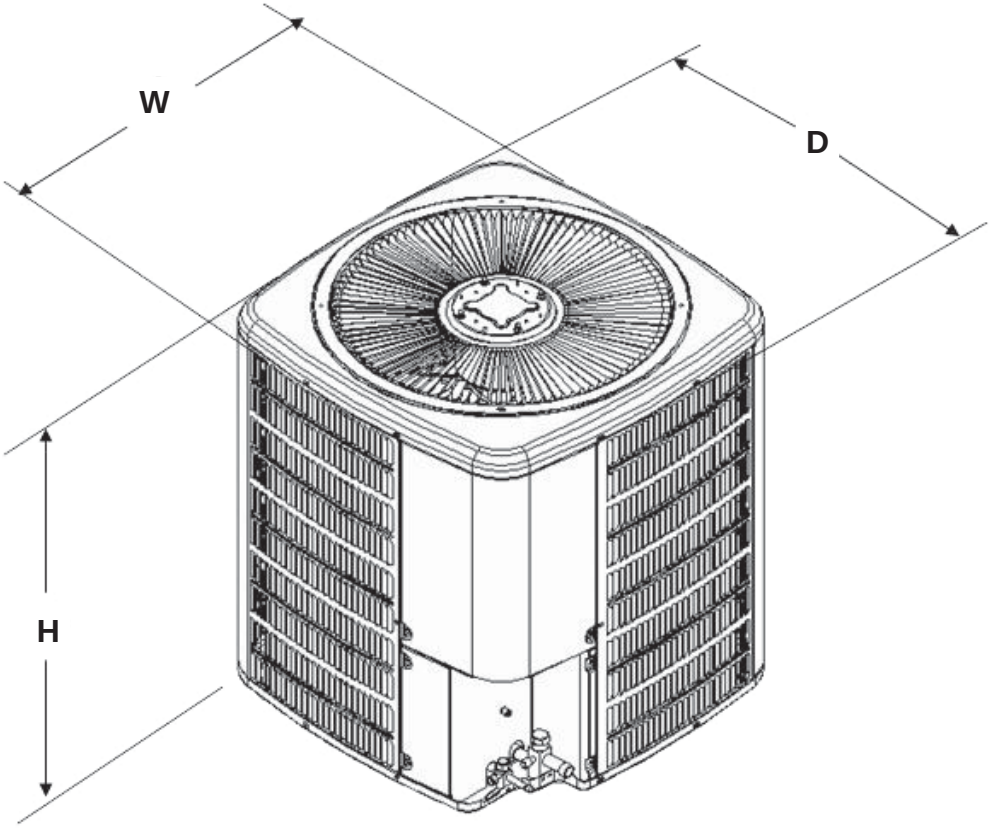
Outdoor Unit	Indoor Units		Cooling Capacity				TVA Ratings[3]		Heating Capacity			AHRI #
	Coil & Air Handler	Furnace/ Blower	Total	Sens.	SEER[1]	EER[2]	Total	Sens.	High	HSPF[4]	Low	
GSH14 0481A* (cont.)	CHPF4860D6C*	MBR2000**-1A*	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	3059039
	CHPF4860D6C*+TXV	MBR2000**-1A*	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	1330354
	CHPF4860D6C*+TXV	G*V951155D**	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	1330355
	CHPF4860D6D*	G*V951155D**	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	3300283
	CHPF4860D6D*+EEP		46,000	34,000	14.0	12.0	42,600	33,700	46,000	8.5	29,000	3300284
	CHPF4860D6D*+EEP+TXV		46,000	34,000	14.0	12.0	42,600	33,700	46,000	8.5	29,000	3300285
	CHPF4860D6D*	MBR2000**-1	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	3300286
	CHPF4860D6D*+TXV	MBR2000**-1	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	3300287
	CHPF4860D6D*	MBR2000**-1A*	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	3300288
	CHPF4860D6D*+TXV	G*V951155D**	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	3300289
	CSCF4860N6C*	G*V951155D**	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	3059045
	CSCF4860N6C*	G*V950905D**	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	3059044
	CSCF4860N6C*	MBR2000**-1	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	3059043
	CSCF4860N6C*+TXV	MBR2000**-1	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	1296595
	CSCF4860N6C*+TXV	G*V951155D**	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	1296654
	CSCF4860N6C*+TXV	G*V950905D**	46,000	34,000	14.5	12.0	42,600	33,700	46,000	8.5	30,000	1296653
GSH14 0601A*	ADPF486016B*+TXV		55,000	41,800	13.5	11.8	50,900	41,200	55,000	8.5	34,000	3018425
	AEPF426016C*+TXV		55,500	42,200	14.5	12.0	51,300	41,600	54,000	9.0	33,000	1492604
	AR*F496116A*+TXV		55,000	41,800	14.0	11.8	50,900	41,200	55,000	8.5	34,000	1492603
	ASPF426016B*+TXV		55,500	42,200	14.5	12.0	51,300	41,600	56,000	8.8	33,000	1492605
	CA*F4961*6A*+EEP+TXV		55,000	41,800	14.0	12.0	50,900	41,200	55,000	8.5	34,000	1347225
	CA*F4961*6A*+TXV	MBE2000**-1	55,500	42,200	15.0	12.5	51,300	41,600	54,000	9.0	33,000	1346738
	CA*F4961*6A*+TXV	MBE2000**-1	55,500	42,200	14.0	12.0	51,300	41,600	55,000	8.5	33,000	1347180
	CA*F4961*6A*+TXV	G*V951155D**	55,500	42,200	14.0	12.0	51,300	41,600	55,000	8.8	34,000	1346740
	CA*F4961*6A*+TXV	G*V950905D**	55,500	42,200	14.0	12.0	51,300	41,600	55,000	8.5	33,000	1346739
	CHPF4860D6C*+EEP+TXV		55,000	41,800	14.0	12.0	50,900	41,200	55,000	8.5	34,000	1330357
	CHPF4860D6C*+TXV	MBE2000**-1A*	55,500	42,200	15.0	12.0	51,300	41,600	55,000	8.5	33,000	1330356
	CHPF4860D6C*+TXV	MBR2000**-1A*	55,000	41,800	14.0	12.0	50,900	41,200	55,000	8.5	34,000	1330358
	CHPF4860D6C*+TXV	G*V950905D**	55,500	42,200	13.5	11.5	51,300	41,600	54,000	8.5	33,000	1330359
	CHPF4860D6C*+TXV	G*V951155D**	55,500	42,200	13.5	11.5	51,300	41,600	54,000	8.5	33,000	1330360
	CHPF4860D6D*+EEP+TXV		55,000	41,800	14.0	12.0	50,900	41,200	55,000	8.5	34,000	3300290
	CHPF4860D6D*+TXV	MBE2000**-1B*	55,500	42,200	15.0	12.0	51,300	41,600	55,000	8.5	33,000	3300291
	CHPF4860D6D*+TXV	MBR2000**-1	55,000	41,800	14.0	12.0	50,900	41,200	55,000	8.5	34,000	3300292
	CHPF4860D6D*+TXV	G*V950905D**	55,500	42,200	13.5	11.5	51,300	41,600	54,000	8.5	33,000	3300293
	CHPF4860D6D*+TXV	G*V951155D**	55,500	42,200	13.5	11.5	51,300	41,600	54,000	8.5	33,000	3300294
	CSCF4860N6C*+TXV	MBR2000**-1	55,500	42,200	14.0	11.5	51,300	41,600	54,000	8.5	33,000	1296596
	CSCF4860N6C*+TXV	G*V951155D**	55,500	42,200	13.5	11.5	51,300	41,600	54,000	8.5	33,000	1296656
	CSCF4860N6C*+TXV	G*V90905D**	55,500	42,200	13.5	11.5	51,300	41,600	54,000	8.5	33,000	1296655

[1] Seasonal Energy Efficiency Ratio; Certified per AHRI 210/240 @ 80°F/ 67°F/ 95°F
[2] Energy Efficiency 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:

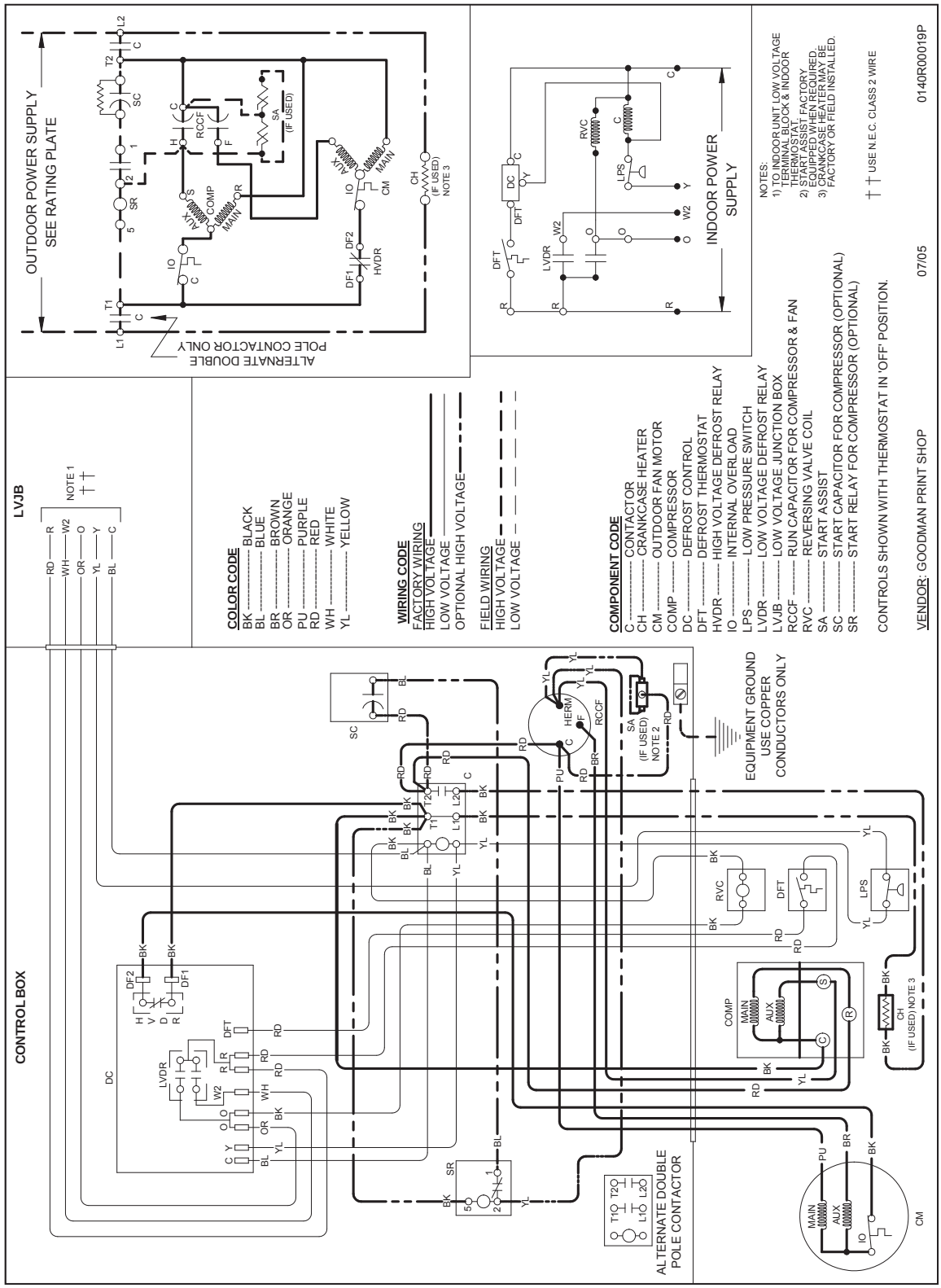
- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that specified on the piston kit chart supplied with the indoor unit.
- EEP - Order from Service Dept. Part No. B13707-38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

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

WIRING DIAGRAM



WARNING

High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

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

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