



Air Conditioning & Heating



PRODUCT SPECIFICATIONS



GSH13

13 SEER

1½- TO 5-TON

SPLIT SYSTEM HEAT PUMP

COOLING CAPACITY: 18,000 TO 60,000 BTU/H

HEATING CAPACITY: 17,200 TO 54,300 BTU/H

Residential



Commercial



The Goodman® GSH13 13 SEER Heat Pump features an attractive louvered metal guard that protects the coil from damage and strengthens the unit. Designed for ground-level or rooftop mount, the base pan elevates the unit above the slab for excellent water drainage. A powder-paint finish provides premium durability and improved UV protection.

Standard Features

- Energy-efficient compressor
- R-22 refrigerant-charged for 15' of refrigerant lines
- Quiet condenser fan system
- Copper tube/aluminum fin coil
- Liquid refrigerant return protection
- Factory-installed bi-flow liquid line filter dryer
- Low-pressure switch
- Time-initiated, temperature-terminated defrost control
- Service valves with sweat connections and easy-access gauge ports
- 13 SEER performance with flowrater expansion device
- Contactor with lug connection
- Ground lug connection
- ARI Certified
- ETL Listed

Cabinet Features

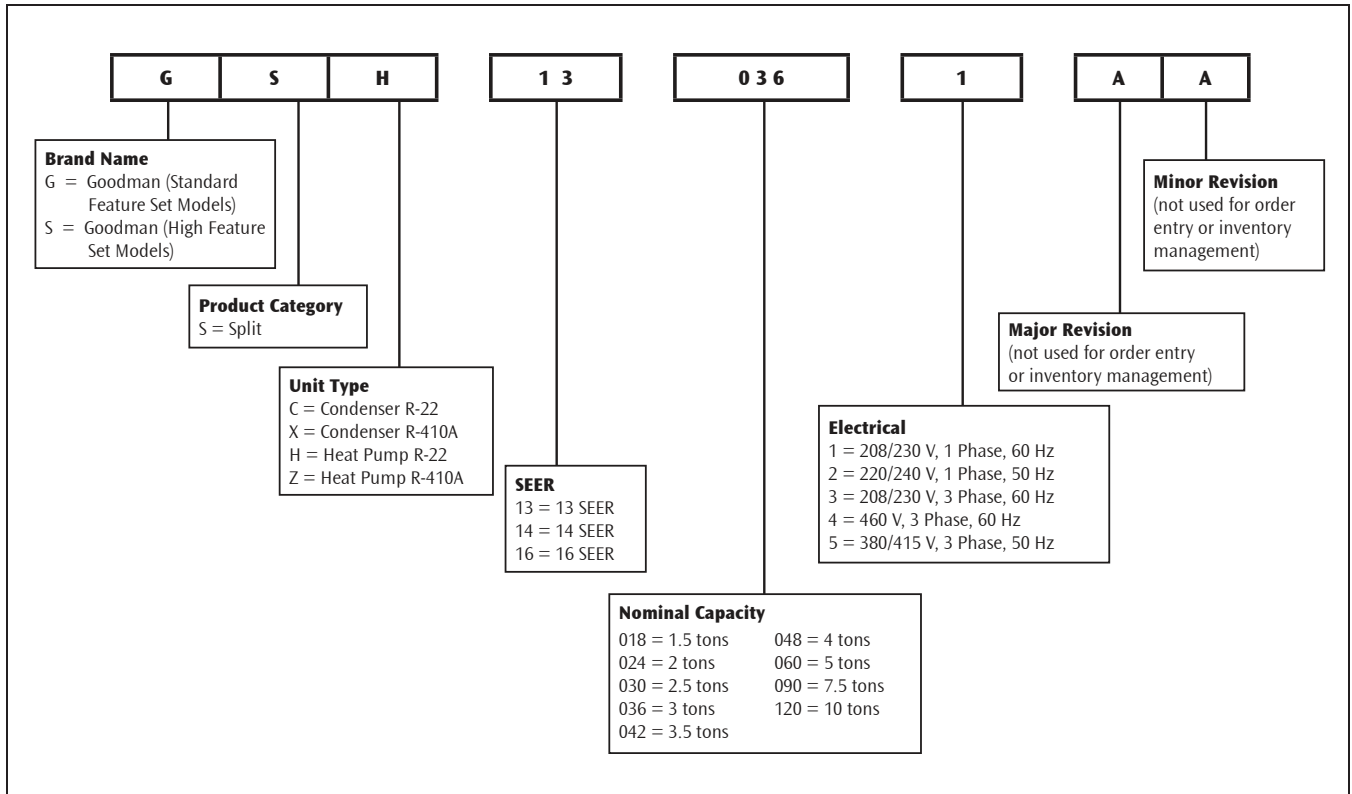
- Unique Goodman® sound control top design
- Steel louver coil guard
- Heavy-gauge, galvanized-steel cabinet
- Attractive Architectural Gray powder-paint finish with 500- hour salt-spray approval
- When properly anchored, meets the 2001 Florida Building Code unit integrity requirements for hurricane-type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

Contents

Nomenclature	2
Product Specifications	3-4
Dimensions	5
Expanded Cooling Data	6
Expanded Heating Data	36
ARI Performance Ratings	40
Accessories	56



NOMENCLATURE



SPECIFICATIONS

	GSH13 0181AA	GSH13 0191AA	GSH13 0241AA	GSH13 0251AA	GSH13 0301AA	GSH13 0311AA	GSH13 0361AA
Capacities and Ratings							
Nominal Cooling (BTU/h)	18,000	18,000	23,000	23,000	28,000	28,000	35,000
Nominal Heating (BTU/h)	16,800	16,800	22,000	22,600	26,800	25,600	32,000
Decibels	78	78	78	78	78	76	80
Compressor							
RLA	6.2	9.0	9.2	10.9	10.8	12.2	8.3
LRA	34.0	41.0	43.0	54.0	60.0	63.0	48.0
Condenser Fan Motor							
Horsepower	1/6	1/6	1/6	1/6	1/6	1/6	1/4
FLA	1.5	1.5	1.5	1.5	1.5	1.5	1.6
Refrigerant System							
Refrigerant Line Size¹							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	7/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	7/8"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	127	115	106	117	153	153	188
Shipped with Orifice Size	0.052	0.052	0.061	0.061	0.068	0.065	0.073
Electrical Data							
AC Volts	208/230	208/230	208/230	208/230	208/230	208/230	208/230
Hz / Phase	60 Hz/1	60 Hz/1	60 Hz/1	60 Hz/1	60 Hz/1	60 Hz/1	60 Hz/1
Minimum Circuit Ampacity ²	9.3	12.7	13.0	15.1	15.0	16.7	16.9
Max. Overcurrent Protection ³	15	20	20	20	20	20	20
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
Ship Weight (lbs)	193	193	198	207	199	199	207

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

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

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

Notes

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

PRODUCT SPECIFICATIONS

SPECIFICATIONS (CONT.)

	GSH13 0363AA	GSH13 0421AA	GSH13 0481AA	GSH13 0483AA	GSH13 0484AA	GSH13 0601AA	GSH13 0603AA	GSH13 0604AA
Capacities and Ratings								
Nominal Cooling (BTU/h)	35,000	40,000	45,000	45,000	45,000	55,500	55,500	55,500
Nominal Heating (BTU/h)	32,000	39,000	43,000	43,000	43,000	55,500	55,500	55,500
Decibels	80	76	76	76	76	77	77	77
Compressor								
RLA	9.0	16.5	17.9	12.4	5.8	25.0	17.3	6.7
LRA	65.5	95.0	104.0	88.0	44.0	148.0	123.0	49.5
Condenser Fan Motor								
Horsepower	¼	¼	¼	¼	¼	1/6	1/6	1/6
FLA	1.6	1.6	1.6	1.6	0.8	1.1	1.1	0.6
Refrigerant System								
Refrigerant Line Size ¹								
Liquid Line Size ("O.D.)	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Suction Line Size ("O.D.)	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size								
Liquid Valve Size ("O.D.)	¾"	¾"	¾"	¾"	¾"	¾"	¾"	¾"
Suction Valve Size ("O.D.)	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"	7/8"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	188	213	223	223	223	233	233	233
Shipped with Orifice Size	0.073	0.082	0.084	0.084	0.084	0.093	0.093	0.093
Electrical Data								
AC Volts	208/230	208/230	208/230	208/230	460	208/230	208/230	460
Hz / Phase	60 Hz/3	60 Hz/1	60 Hz/1	60 Hz/3	60 Hz/3	60 Hz/1	60 Hz/3	60 Hz/3
Minimum Circuit Ampacity ²	12.0	22.3	27.8	17.2	8.0	32.3	22.7	9.0
Max. Overcurrent Protection ³	20	30	40	20	15	50	40	15
Min / Max Volts	197/253	197/253	197/253	197/253	414/506	197/253	197/253	414/506
Electrical Conduit Size	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
Ship Weight (lbs)	207	219	225	225	225	266	266	266

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

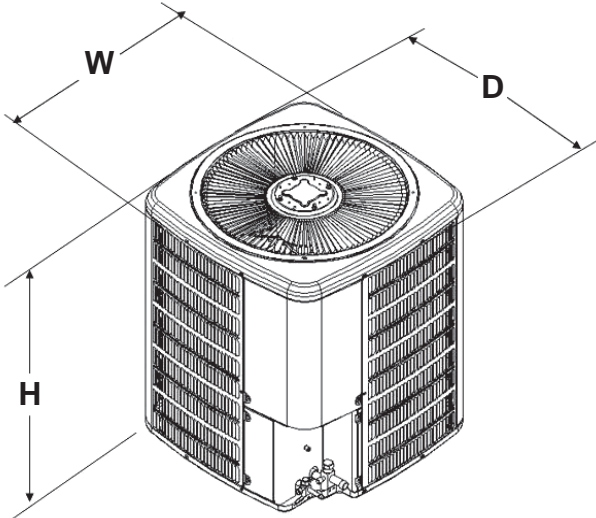
² Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

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

Notes

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

DIMENSIONS



Model	Dimensions W x D x H
GSH130181AA	29 x 29 x 32¼
GSH130191AA	29 x 29 x 32¼
GSH130241AA	29 x 29 x 34¾
GSH130251AA	29 x 29 x 32¼
GSH130301AA	29 x 29 x 34¼
GSH130311AA	29 x 29 x 34¼
GSH130361AA	29 x 29 x 38¼
GSH130363AA	29 x 29 x 38¼
GSH130421AA	29 x 29 x 32¼
GSH130481AA	29 x 29 x 34¼
GSH130483AA	29 x 29 x 34¼
GSH130484AA	29 x 29 x 34¼
GSH130601AA	35½ x 35½ x 34¼
GSH130603AA	35½ x 35½ x 34¼
GSH130604AA	35½ x 35½ x 34¼

EXPANDED COOLING DATA — GSH130181A* / ARUF32-00*-1* / ARUF18241A*

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	0.74	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	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		kW	1.26	1.29	1.33	-	1.36	1.39	1.43	-	1.44	1.47	1.52	-	1.51	1.55	1.59	-	1.57	1.61	1.66	-	1.63	1.66	1.72	-
		Amps	4.8	4.9	5.1	-	5.2	5.3	5.5	-	5.6	5.7	5.9	-	6.0	6.1	6.3	-	6.4	6.5	6.7	-	6.7	6.9	7.1	-
	600	Hi-PR	137	147	156	-	154	165	175	-	175	188	199	-	199	214	226	-	224	241	255	-	248	266	281	-
		Lo-PR	63	67	73	-	66	70	77	-	69	73	80	-	72	77	84	-	76	81	88	-	78	83	91	-
		MBh	17.1	17.7	19.4	-	16.7	17.3	19.0	-	16.3	16.9	18.5	-	15.9	16.5	18.1	-	15.1	15.7	17.2	-	14.0	14.5	15.9	-
		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	18	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
525	kW	1.26	1.28	1.32	-	1.35	1.38	1.42	-	1.43	1.46	1.50	-	1.50	1.53	1.58	-	1.56	1.60	1.65	-	1.61	1.65	1.70	-	
	Amps	4.8	4.9	5.0	-	5.1	5.2	5.4	-	5.6	5.7	5.9	-	5.9	6.1	6.3	-	6.3	6.4	6.7	-	6.7	6.8	7.1	-	
	Hi-PR	136	146	154	-	152	164	173	-	173	186	197	-	197	212	224	-	222	239	252	-	245	264	279	-	
	Lo-PR	62	66	72	-	66	70	76	-	68	72	79	-	72	76	83	-	75	80	87	-	78	83	90	-	
	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	-	
75	675	S/T	0.68	0.57	0.39	-	0.70	0.59	0.41	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.78	0.65	0.45	-
		ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	17	13	-	19	16	12	-	18	15	12	-
		kW	1.23	1.25	1.29	-	1.32	1.34	1.38	-	1.40	1.42	1.47	-	1.47	1.50	1.54	-	1.52	1.56	1.61	-	1.58	1.61	1.66	-
		Amps	4.6	4.7	4.9	-	5.0	5.1	5.3	-	5.4	5.5	5.7	-	5.8	5.9	6.1	-	6.1	6.3	6.5	-	6.5	6.6	6.9	-
		Hi-PR	132	142	150	-	148	159	168	-	168	181	191	-	191	206	217	-	215	232	245	-	238	256	270	-
	600	Lo-PR	60	64	70	-	64	68	74	-	66	70	77	-	69	74	81	-	73	77	84	-	75	80	87	-
		MBh	17.9	18.5	20.0	21.5	17.5	18.0	19.5	21.0	17.1	17.6	19.1	20.5	16.7	17.2	18.6	20.0	16.2	16.7	18.1	19.4	15.4	15.8	17.2	18.4
		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	16	11	21	19	15	10
		kW	1.27	1.30	1.34	1.38	1.37	1.40	1.44	1.49	1.45	1.48	1.53	1.58	1.53	1.56	1.61	1.66	1.59	1.62	1.67	1.73	1.64	1.68	1.73	1.79
525	Amps	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6	6.4	6.6	6.8	7.0	6.8	7.0	7.2	7.5	
	Hi-PR	138	149	157	164	155	167	177	184	177	190	201	209	201	217	229	238	226	244	257	268	250	269	284	296	
	Lo-PR	63	67	74	78	67	71	78	83	70	74	81	86	73	78	85	90	77	81	89	95	79	84	92	98	
	MBh	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	0.80	0.71	0.54	0.35	0.83	0.74	0.56	0.36	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.91	0.81	0.62	0.40	0.92	0.82	0.62	0.40	
75	600	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	1.27	1.29	1.33	1.37	1.36	1.39	1.43	1.47	1.44	1.47	1.52	1.57	1.51	1.55	1.59	1.65	1.58	1.61	1.66	1.71	1.63	1.66	1.72	1.77
		Amps	4.8	4.9	5.1	5.2	5.2	5.3	5.5	5.7	5.6	5.7	5.9	6.1	6.0	6.1	6.3	6.6	6.4	6.5	6.7	7.0	6.7	6.9	7.1	7.4
		Hi-PR	137	147	156	162	154	166	175	182	175	188	199	207	199	214	226	236	224	241	255	266	248	266	281	293
		Lo-PR	63	67	73	78	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	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	0.77	0.69	0.52	0.34	0.80	0.71	0.54	0.35	0.82	0.73	0.55	0.36	0.84	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.88	0.79	0.60	0.38
		ΔT	22	20	16	11	22	20	17	11	22	20	17	11	22	20	17	12	22	20	16	11	20	19	15	11
		kW	1.24	1.26	1.30	1.34	1.33	1.35	1.40	1.44	1.41	1.44	1.48	1.53	1.48	1.51	1.56	1.61	1.54	1.57	1.62	1.67	1.59	1.62	1.68	1.73
		Amps	4.7	4.8	4.9	5.1	5.0	5.1	5.3	5.5	5.5	5.6	5.8	6.0	5.8	6.0	6.2	6.4	6.2	6.3	6.5	6.8	6.5	6.7	6.9	7.2
Hi-PR	133	143	151	158	149	161	170	177	170	183	193	201	193	208	220	229	217	234	247	258	240	258	273	285		
Lo-PR	61	65	71	75	64	68	75	79	67	71	78	83	70	75	81	87	73	78	85	91	76	81	88	94		

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130181A* / ARUF32-00*-1* / ARUF18241A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1	16.5	17.6	18.8	14.9	15.3	16.3	17.4
	S/T	0.92	0.86	0.70	0.52	0.95	0.89	0.73	0.54	1.00	0.92	0.74	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.80	0.60	1.00	1.00	0.80	0.60
	ΔT	23	22	19	15	23	22	19	15	24	22	19	15	23	22	19	16	22	22	19	15	20	21	18	14
	kW	1.28	1.31	1.35	1.39	1.38	1.41	1.45	1.50	1.46	1.49	1.54	1.59	1.54	1.57	1.62	1.67	1.60	1.64	1.69	1.74	1.66	1.69	1.75	1.80
	Amps	4.9	5.0	5.2	5.3	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.3	6.1	6.2	6.4	6.7	6.5	6.6	6.8	7.1	6.9	7.0	7.2	7.5
	Hi PR	140	150	159	166	157	169	178	186	178	192	203	211	203	219	231	241	229	246	260	271	253	272	287	299
Lo PR	64	68	74	79	68	72	78	84	70	75	82	87	74	78	86	91	77	82	90	96	80	85	93	99	
80	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	0.88	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	0.94	0.76	0.57	1.00	0.94	0.77	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	1.27	1.30	1.34	1.38	1.37	1.40	1.44	1.49	1.45	1.48	1.53	1.58	1.53	1.56	1.61	1.66	1.59	1.62	1.67	1.73	1.64	1.68	1.73	1.79
	Amps	4.8	4.9	5.1	5.3	5.2	5.3	5.5	5.7	5.7	5.8	6.0	6.2	6.0	6.2	6.4	6.6	6.4	6.6	6.8	7.0	6.8	7.0	7.2	7.5
	Hi PR	138	149	157	164	155	167	177	184	177	190	201	209	201	217	229	239	226	244	257	268	250	269	284	296
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	
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	0.84	0.79	0.64	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	0.96	0.90	0.73	0.55	0.97	0.91	0.74	0.55
	ΔT	24	23	20	16	24	23	20	16	25	23	20	16	25	24	21	16	24	23	20	16	23	22	19	15
	kW	1.25	1.27	1.31	1.35	1.34	1.36	1.41	1.45	1.42	1.45	1.49	1.54	1.49	1.52	1.57	1.62	1.55	1.58	1.63	1.69	1.60	1.64	1.69	1.74
	Amps	4.7	4.8	5.0	5.1	5.1	5.2	5.4	5.6	5.5	5.6	5.8	6.0	5.9	6.0	6.2	6.4	6.2	6.4	6.6	6.8	6.6	6.8	7.0	7.2
	Hi PR	134	145	153	159	151	162	171	179	171	184	195	203	195	210	222	231	220	236	250	260	243	261	276	288
Lo PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95	

675	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7	15.2	15.5	16.2	17.3
	S/T	0.96	0.93	0.84	0.68	1.00	0.96	0.87	0.70	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	24	24	23	20	22	23	23	20	21	21	21	18
	kW	1.29	1.32	1.36	1.40	1.39	1.42	1.46	1.51	1.48	1.51	1.55	1.60	1.55	1.58	1.63	1.69	1.61	1.65	1.70	1.76	1.67	1.71	1.76	1.82
	Amps	4.9	5.0	5.2	5.4	5.3	5.4	5.6	5.8	5.8	5.9	6.1	6.3	6.1	6.3	6.5	6.7	6.5	6.7	6.9	7.2	6.9	7.1	7.3	7.6
	Hi PR	141	152	160	167	158	171	180	188	180	194	205	214	205	221	233	243	231	249	262	274	255	275	290	302
Lo PR	65	69	75	80	68	73	79	84	71	75	82	88	74	79	87	92	78	83	91	97	81	86	94	100	
85	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	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	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	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	24	25	24	21	23	23	22	19
	kW	1.28	1.31	1.35	1.39	1.38	1.41	1.45	1.50	1.46	1.49	1.54	1.59	1.54	1.57	1.62	1.67	1.60	1.64	1.69	1.74	1.66	1.69	1.75	1.80
	Amps	4.9	5.0	5.2	5.3	5.3	5.4	5.6	5.8	5.7	5.8	6.0	6.3	6.1	6.2	6.4	6.7	6.5	6.6	6.8	7.1	6.9	7.0	7.2	7.5
	Hi PR	140	150	159	166	157	169	178	186	178	192	203	211	203	219	231	241	229	246	260	271	253	272	287	299
Lo PR	64	68	74	79	68	72	78	84	70	75	82	87	74	78	86	91	77	82	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	0.89	0.85	0.77	0.63	0.92	0.89	0.80	0.65	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	0.98	0.89	0.72
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	26	26	24	21	24	24	24	20
	kW	1.26	1.28	1.32	1.36	1.35	1.38	1.42	1.46	1.43	1.46	1.50	1.55	1.50	1.53	1.58	1.63	1.56	1.60	1.65	1.70	1.61	1.65	1.70	1.76
	Amps	4.7	4.9	5.0	5.2	5.1	5.2	5.4	5.6	5.6	5.7	5.9	6.1	5.9	6.1	6.3	6.5	6.3	6.4	6.7	6.9	6.7	6.8	7.0	7.3
	Hi PR	136	146	154	161	152	164	173	180	173	186	197	205	197	212	224	234	222	239	252	263	245	264	278	290
Lo PR	62	66	72	77	66	70	76	81	68	72	79	84	72	76	83	88	75	80	87	93	78	83	90	96	

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130191A* / AWUF18XX1A*

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	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	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.86	0.71	0.50	-	0.86	0.72	0.50	-
	ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	kW	1.25	1.27	1.31	-	1.33	1.36	1.40	-	1.41	1.44	1.48	-	1.47	1.50	1.55	-	1.53	1.56	1.61	-	1.58	1.61	1.66	-
	Amps	4.0	4.1	4.2	-	4.3	4.4	4.5	-	4.6	4.7	4.9	-	4.9	5.0	5.2	-	5.2	5.3	5.4	-	5.4	5.6	5.7	-
600	Hi PR	136	146	155	-	153	164	173	-	174	187	197	-	198	213	225	-	222	239	253	-	246	264	279	-
	Lo PR	61	65	71	-	65	69	75	-	67	71	78	-	70	75	82	-	74	79	86	-	76	81	89	-
	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	0.72	0.60	0.41	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
	ΔT	19	16	12	-	19	16	13	-	19	17	13	-	19	17	13	-	19	16	12	-	18	15	12	-
525	kW	1.24	1.26	1.30	-	1.32	1.35	1.39	-	1.40	1.43	1.47	-	1.46	1.49	1.54	-	1.52	1.55	1.60	-	1.57	1.60	1.65	-
	Amps	4.0	4.1	4.2	-	4.3	4.4	4.5	-	4.6	4.7	4.8	-	4.9	5.0	5.1	-	5.1	5.2	5.4	-	5.4	5.5	5.7	-
	Hi PR	135	145	153	-	151	163	172	-	172	185	195	-	196	211	222	-	220	237	250	-	243	262	277	-
	Lo PR	61	64	70	-	64	68	74	-	66	71	77	-	70	74	81	-	73	78	85	-	76	80	88	-
	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	-

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	17.18	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	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.61	0.40	0.94	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43
	ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	kW	1.26	1.28	1.32	1.36	1.34	1.37	1.41	1.45	1.42	1.45	1.49	1.53	1.49	1.52	1.56	1.61	1.54	1.57	1.62	1.67	1.59	1.62	1.67	1.72
	Amps	4.1	4.1	4.3	4.4	4.3	4.4	4.6	4.7	4.7	4.8	4.9	5.1	4.9	5.0	5.2	5.4	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0
75	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	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95
	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	0.82	0.73	0.55	0.35	0.84	0.76	0.57	0.37	0.87	0.77	0.59	0.38	0.89	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	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
600	kW	1.25	1.27	1.31	1.35	1.33	1.36	1.40	1.44	1.41	1.44	1.48	1.52	1.47	1.50	1.55	1.60	1.53	1.56	1.61	1.66	1.58	1.61	1.66	1.71
	Amps	4.0	4.1	4.2	4.4	4.3	4.4	4.5	4.7	4.6	4.7	4.9	5.0	4.9	5.0	5.2	5.3	5.2	5.3	5.4	5.6	5.5	5.6	5.7	5.9
	Hi PR	136	146	155	161	153	164	173	181	174	187	197	206	198	213	225	234	222	239	253	264	246	265	279	291
	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
	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	15.40	16.7	17.9	14.2	14.6	15.8	17.0	13.2	13.5	14.7	15.7
525	S/T	0.79	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.90	0.81	0.61	0.39
	ΔT	22	20	17	12	22	21	17	12	22	21	17	12	23	21	17	12	22	20	17	12	21	19	16	11
	kW	1.22	1.25	1.28	1.32	1.31	1.33	1.37	1.41	1.38	1.40	1.45	1.49	1.44	1.47	1.51	1.56	1.50	1.53	1.57	1.62	1.54	1.57	1.62	1.67
	Amps	3.9	4.0	4.1	4.3	4.2	4.3	4.4	4.5	4.5	4.6	4.7	4.9	4.8	4.9	5.0	5.2	5.0	5.2	5.3	5.5	5.3	5.4	5.6	5.8
	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	59	63	69	73	63	67	73	77	65	69	76	81	68	73	79	85	72	76	83	89	74	79	86	92	

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

EXPANDED COOLING DATA — GSH130191A* / AWUF18XX1A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	18.3	18.7	19.9	21.3	17.8	18.2	19.5	20.8	17.4	17.8	19.0	20.3	17.0	17.4	18.5	19.8	16.1	16.5	17.6	18.8	14.9	15.3	16.3	17.4
	S/T	0.94	0.88	0.72	0.53	1.00	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61
	ΔT	23	22	19	16	24	23	20	16	24	23	20	16	23	23	20	16	22	22	20	16	20	21	18	15
	kW	1.27	1.29	1.33	1.37	1.35	1.38	1.42	1.46	1.43	1.46	1.50	1.55	1.50	1.53	1.57	1.62	1.55	1.59	1.63	1.68	1.60	1.64	1.69	1.74
	Amps	4.1	4.2	4.3	4.4	4.4	4.5	4.6	4.7	4.7	4.8	4.9	5.1	5.0	5.1	5.2	5.4	5.3	5.4	5.5	5.7	5.5	5.7	5.8	6.0
	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	77	81	68	73	80	85	72	77	84	89	75	80	88	93	78	83	91	96
	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	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	0.96	0.78	0.59
	ΔT	24	23	20	16	25	24	20	16	25	24	21	16	25	24	21	16	24	23	20	16	22	22	19	15
kW	1.26	1.28	1.32	1.36	1.34	1.37	1.41	1.45	1.42	1.45	1.49	1.53	1.49	1.52	1.56	1.61	1.54	1.57	1.62	1.67	1.59	1.62	1.67	1.72	
Amps	4.1	4.1	4.3	4.4	4.3	4.4	4.6	4.7	4.7	4.8	4.9	5.1	4.9	5.0	5.2	5.4	5.2	5.3	5.5	5.7	5.5	5.6	5.8	6.0	
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	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	75	79	87	92	77	82	90	95	
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	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.56	
ΔT	25	24	21	16	25	24	21	17	25	24	21	17	25	24	21	17	25	24	21	17	23	22	19	15	
kW	1.23	1.25	1.29	1.33	1.31	1.34	1.38	1.42	1.39	1.41	1.46	1.50	1.45	1.48	1.52	1.57	1.51	1.54	1.58	1.63	1.55	1.59	1.63	1.68	
Amps	4.0	4.0	4.2	4.3	4.2	4.3	4.4	4.6	4.5	4.6	4.8	4.9	4.8	4.9	5.1	5.2	5.1	5.2	5.4	5.5	5.4	5.5	5.6	5.8	
Hi PR	133	143	151	158	150	161	170	177	170	183	193	202	194	209	220	230	218	235	248	258	241	259	274	285	
Lo PR	60	64	70	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	90	75	80	87	93	

85	MBh	18.6	18.9	19.8	21.2	18.1	18.5	19.4	20.7	17.7	18.1	18.9	20.2	17.3	17.6	18.4	19.7	16.4	16.7	17.5	18.7	15.2	15.5	16.2	17.3
	S/T	0.98	0.95	0.86	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80
	ΔT	25	24	23	20	25	25	23	20	24	24	25	23	24	24	24	20	22	23	23	20	21	21	22	19
	kW	1.28	1.30	1.34	1.38	1.36	1.39	1.43	1.47	1.44	1.47	1.51	1.56	1.51	1.54	1.58	1.63	1.57	1.60	1.65	1.70	1.62	1.65	1.70	1.75
	Amps	4.1	4.2	4.3	4.5	4.4	4.5	4.6	4.8	4.7	4.8	5.0	5.1	5.0	5.1	5.3	5.5	5.3	5.4	5.6	5.8	5.6	5.7	5.9	6.1
	Hi PR	140	151	159	166	157	169	179	186	179	193	203	212	204	219	232	242	229	247	260	272	253	273	288	300
	Lo PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	84	90	76	81	88	94	79	84	91	97
	MBh	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	0.94	0.90	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.94	0.76
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	25	21	24	25	24	21	23	23	23	20
kW	1.27	1.29	1.33	1.37	1.35	1.38	1.42	1.46	1.43	1.46	1.50	1.55	1.50	1.53	1.57	1.62	1.55	1.59	1.63	1.68	1.60	1.64	1.69	1.74	
Amps	4.1	4.2	4.3	4.4	4.4	4.5	4.6	4.7	4.7	4.8	4.9	5.1	5.0	5.1	5.2	5.4	5.3	5.4	5.5	5.7	5.5	5.7	5.8	6.0	
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	77	81	68	73	80	85	72	77	84	89	75	80	88	93	78	83	91	96	
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	0.79	0.64	0.94	0.90	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.90	0.73	
ΔT	26	26	24	21	27	26	25	21	27	26	25	21	27	26	25	22	26	26	25	21	24	24	23	20	
kW	1.24	1.26	1.30	1.34	1.32	1.35	1.39	1.43	1.40	1.43	1.47	1.51	1.46	1.49	1.54	1.58	1.52	1.55	1.60	1.64	1.57	1.60	1.65	1.70	
Amps	4.0	4.1	4.2	4.3	4.3	4.4	4.5	4.6	4.6	4.7	4.8	5.0	4.9	5.0	5.1	5.3	5.1	5.2	5.4	5.6	5.4	5.5	5.7	5.9	
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	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	76	80	88	94	

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

EXPANDED COOLING DATA — GSH130241A* / ARUF32-00*-1* / ARUF18241A*

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	22.5	23.4	25.6	-	22.0	22.8	25.0	-	21.5	22.3	24.4	-	21.0	21.7	23.8	-	19.9	20.6	22.6	-	18.4	19.1	21.0	-
	S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
	ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
	kW	1.64	1.67	1.72	-	1.76	1.79	1.85	-	1.86	1.90	1.96	-	1.96	2.00	2.06	-	2.04	2.08	2.15	-	2.10	2.15	2.22	-
	Amps	6.1	6.3	6.5	-	6.6	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	137	148	156	-	154	166	175	-	175	189	199	-	200	215	227	-	224	242	255	-	248	267	282	-
Lo PR	61	65	71	-	64	69	75	-	67	71	78	-	70	75	82	-	74	78	86	-	76	81	89	-	
718	MBh	21.9	22.7	24.8	-	21.4	22.2	24.3	-	20.9	21.6	23.7	-	20.4	21.1	23.1	-	19.3	20.0	22.0	-	17.9	18.6	20.3	-
	S/T	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.81	0.68	0.47	-
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
	kW	1.62	1.66	1.71	-	1.74	1.78	1.83	-	1.85	1.89	1.95	-	1.94	1.98	2.04	-	2.02	2.06	2.13	-	2.09	2.13	2.20	-
	Amps	6.1	6.2	6.4	-	6.6	6.7	6.9	-	7.1	7.3	7.5	-	7.6	7.8	8.0	-	8.1	8.3	8.6	-	8.6	8.8	9.1	-
	Hi PR	136	146	154	-	153	164	173	-	173	187	197	-	198	213	224	-	222	239	253	-	246	264	279	-
Lo PR	60	64	70	-	64	68	74	-	66	71	77	-	70	74	81	-	73	78	85	-	75	80	88	-	
718	MBh	20.2	20.9	22.9	-	19.7	20.4	22.4	-	19.3	20.0	21.9	-	18.8	19.5	21.3	-	17.8	18.5	20.3	-	16.5	17.1	18.8	-
	S/T	0.68	0.57	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.78	0.65	0.45	-
	ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	16	12	-	18	15	12	-	17	14	11	-
	kW	1.59	1.62	1.67	-	1.70	1.74	1.79	-	1.80	1.84	1.90	-	1.89	1.93	2.00	-	1.97	2.01	2.08	-	2.04	2.08	2.15	-
	Amps	5.9	6.1	6.2	-	6.4	6.5	6.7	-	6.9	7.1	7.3	-	7.4	7.6	7.8	-	7.9	8.1	8.3	-	8.3	8.5	8.8	-
	Hi PR	132	142	150	-	148	159	168	-	168	181	191	-	192	206	218	-	216	232	245	-	238	256	271	-
Lo PR	59	62	68	-	62	66	72	-	64	68	75	-	68	72	78	-	71	75	82	-	73	78	85	-	

923	MBh	22.92	23.60	25.54	27.41	22.39	23.05	24.95	26.78	21.85	22.50	24.36	26.14	21.32	21.95	23.76	25.50	20.25	20.85	22.57	24.23	18.76	19.32	20.91	22.44
	S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42
	ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
	kW	1.65	1.68	1.73	1.79	1.77	1.81	1.86	1.92	1.88	1.92	1.98	2.04	1.97	2.01	2.08	2.15	2.05	2.10	2.16	2.24	2.12	2.17	2.24	2.31
	Amps	6.2	6.3	6.5	6.8	6.7	6.8	7.1	7.3	7.2	7.4	7.7	7.9	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.6
	Hi PR	139	149	158	164	156	167	177	184	177	190	201	210	202	217	229	239	227	244	258	269	251	270	285	297
Lo PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	74	79	86	92	77	82	89	95	
75	MBh	22.3	22.9	24.8	26.6	21.7	22.4	24.2	26.0	21.2	21.8	23.6	25.4	20.7	21.3	23.1	24.8	19.7	20.2	21.9	23.5	18.2	18.8	20.3	21.8
	S/T	0.80	0.72	0.54	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.92	0.83	0.63	0.40
	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	1.64	1.67	1.72	1.77	1.76	1.79	1.85	1.91	1.86	1.90	1.96	2.02	1.96	2.00	2.06	2.13	2.04	2.08	2.15	2.22	2.10	2.15	2.22	2.29
	Amps	6.1	6.3	6.5	6.7	6.6	6.8	7.0	7.3	7.2	7.4	7.6	7.9	7.7	7.9	8.1	8.4	8.2	8.4	8.6	9.0	8.6	8.8	9.1	9.5
	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	61	65	71	75	64	69	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	89	94	
718	MBh	20.5	21.1	22.9	24.6	20.1	20.7	22.4	24.0	19.6	20.2	21.8	23.4	19.1	19.67	21.3	22.9	18.2	18.7	20.2	21.7	16.8	17.3	18.7	20.1
	S/T	0.78	0.69	0.53	0.34	0.80	0.72	0.54	0.35	0.82	0.74	0.56	0.36	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.89	0.80	0.60	0.39
	ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	14	10
	kW	1.60	1.63	1.68	1.73	1.72	1.75	1.80	1.86	1.82	1.86	1.91	1.98	1.91	1.95	2.01	2.08	1.99	2.03	2.09	2.16	2.05	2.10	2.17	2.24
	Amps	6.0	6.1	6.3	6.5	6.4	6.6	6.8	7.1	7.0	7.2	7.4	7.7	7.5	7.6	7.9	8.2	7.9	8.1	8.4	8.7	8.4	8.6	8.9	9.2
	Hi PR	133	143	151	158	149	161	170	177	170	183	193	201	194	208	220	229	218	234	247	258	241	259	273	285
Lo PR	59	63	69	73	63	67	73	77	65	69	75	80	68	73	79	84	72	76	83	88	74	79	86	92	

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130241A* / ARUF32-00*-1* / ARUF18241A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature												115°F												
		65°F				75°F				85°F					105°F											
		59	63	67	71	59	63	67	71	59	63	67	71		59	63	67	71								
80	923	Entering Indoor Wet Bulb Temperature																								
		MBh	23.33	23.84	25.47	27.22	22.79	23.28	24.87	26.59	22.24	22.73	24.28	25.96	21.70	22.17	23.69	25.32	20.62	21.07	22.51	24.06	19.10	19.51	20.85	22.29
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	1.00	0.80	0.60	1.00	1.00	0.81	0.61
		ΔT	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	14	19	19	17	13
		kW	1.66	1.69	1.75	1.80	1.78	1.82	1.88	1.94	1.89	1.93	1.99	2.06	1.99	2.03	2.10	2.16	2.07	2.11	2.18	2.25	2.14	2.19	2.26	2.33
		Amps	6.4	6.4	6.6	6.8	6.7	6.9	7.1	7.4	7.3	7.5	7.7	8.0	7.8	8.0	8.3	8.6	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7
		Hi PR	140	151	159	166	157	169	179	186	179	192	203	212	204	219	231	241	229	246	260	271	253	272	288	300
		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
		MBh	22.6	23.1	24.7	26.4	22.1	22.6	24.2	25.8	21.6	22.1	23.6	25.2	21.1	21.5	23.0	24.6	20.0	20.5	21.9	23.4	18.5	18.9	20.2	21.6
		S/T	0.88	0.83	0.67	0.50	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	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	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	21	20	18	14		
kW	1.65	1.68	1.73	1.79	1.77	1.81	1.86	1.92	1.88	1.92	1.98	2.04	1.97	2.01	2.08	2.15	2.05	2.10	2.16	2.24	2.12	2.17	2.24	2.31		
Amps	6.2	6.3	6.5	6.8	6.7	6.8	7.1	7.3	7.2	7.4	7.7	7.9	7.7	7.9	8.2	8.5	8.2	8.4	8.7	9.0	8.7	8.9	9.2	9.6		
Hi PR	139	149	158	164	156	167	177	184	177	190	201	210	202	217	229	239	227	244	258	269	251	270	285	297		
Lo PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	74	79	86	92	77	82	89	95		
MBh	20.9	21.4	22.8	24.4	20.4	20.9	22.3	23.8	19.9	20.4	21.8	23.3	19.4	19.9	21.2	22.7	18.5	18.9	20.2	21.6	17.1	17.5	18.7	20.0		
S/T	0.85	0.80	0.65	0.49	0.88	0.83	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.97	0.91	0.74	0.55	0.98	0.92	0.75	0.56		
ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	21	18	14		
kW	1.61	1.64	1.69	1.74	1.73	1.76	1.82	1.88	1.83	1.87	1.93	1.99	1.92	1.97	2.03	2.09	2.00	2.05	2.11	2.18	2.07	2.12	2.18	2.25		
Amps	6.0	6.2	6.4	6.6	6.5	6.7	6.9	7.1	7.0	7.2	7.5	7.7	7.5	7.7	8.0	8.3	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3		
Hi PR	135	145	153	159	151	162	172	179	172	185	195	203	196	210	222	232	220	237	250	261	243	262	276	288		
Lo PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	79	87	92		
85	923	Entering Indoor Wet Bulb Temperature																								
		MBh	23.74	24.19	25.34	27.03	23.18	23.63	24.75	26.40	22.63	23.07	24.16	25.78	22.08	22.51	23.57	25.15	20.98	21.38	22.39	23.89	19.43	19.81	20.74	22.13
		S/T	0.97	0.94	0.84	0.69	1.00	0.97	0.88	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
		ΔT	23	23	21	18	23	23	22	19	23	23	22	19	22	22	22	19	21	21	21	19	19	20	20	17
		kW	1.67	1.71	1.76	1.81	1.80	1.84	1.89	1.95	1.91	1.95	2.01	2.07	2.00	2.05	2.11	2.18	2.09	2.13	2.20	2.27	2.16	2.20	2.28	2.35
		Amps	6.3	6.4	6.6	6.9	6.8	7.0	7.2	7.5	7.4	7.6	7.8	8.1	7.9	8.1	8.3	8.7	8.4	8.6	8.9	9.2	8.9	9.1	9.4	9.8
		Hi PR	141	152	161	168	159	171	180	188	181	194	205	214	206	221	234	244	231	249	263	274	256	275	290	303
		Lo PR	63	67	73	78	66	71	77	82	69	73	80	85	72	77	84	90	76	81	88	94	79	84	91	97
		MBh	23.0	23.5	24.6	26.2	22.5	22.9	24.0	25.6	22.0	22.4	23.5	25.0	21.4	21.9	22.9	24.4	20.4	20.8	21.7	23.2	18.9	19.2	20.1	21.5
		S/T	0.93	0.89	0.81	0.65	0.96	0.93	0.84	0.68	0.98	0.95	0.86	0.69	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.93	0.75
ΔT	24	24	22	19	24	24	22	19	24	24	23	19	24	24	23	20	23	23	22	19	21	22	21	18		
kW	1.66	1.69	1.75	1.80	1.78	1.82	1.88	1.94	1.89	1.93	1.99	2.06	1.99	2.03	2.10	2.16	2.07	2.11	2.18	2.25	2.14	2.19	2.26	2.33		
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	8.0	8.3	8.6	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.7		
Hi PR	140	151	159	166	157	169	179	186	179	192	203	212	204	219	231	241	229	246	260	271	253	272	288	300		
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		
MBh	21.3	21.7	22.7	24.2	20.8	21.2	22.2	23.7	20.3	20.7	21.7	23.1	19.8	20.2	21.1	22.5	18.8	19.2	20.1	21.4	17.4	17.7	18.6	19.8		
S/T	0.89	0.86	0.78	0.63	0.92	0.89	0.81	0.65	0.95	0.91	0.83	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	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	22	22	21	18		
kW	1.62	1.66	1.71	1.76	1.74	1.78	1.83	1.89	1.85	1.89	1.95	2.01	1.94	1.98	2.04	2.11	2.02	2.06	2.13	2.20	2.09	2.13	2.20	2.27		
Amps	6.1	6.2	6.4	6.6	6.6	6.7	6.9	7.2	7.1	7.3	7.5	7.8	7.6	7.8	8.0	8.3	8.1	8.3	8.6	8.9	8.6	8.8	9.1	9.4		
Hi PR	136	146	154	161	152	164	173	181	173	187	197	206	197	213	224	234	222	239	252	263	245	264	279	291		
Lo PR	60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	75	80	88	93		

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130251A* / AWUF36XX1A*

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	923	MBh	23.5	24.4	26.7	-	23.0	23.8	26.1	-	22.4	23.2	25.5	-	21.9	22.7	24.8	-	20.8	21.5	23.6	-	19.3	20.0	21.9	-
		S/T	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.45	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.85	0.71	0.49	-
		ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
		kW	1.68	1.71	1.76	-	1.79	1.83	1.88	-	1.90	1.93	1.99	-	1.99	2.03	2.09	-	2.06	2.11	2.17	-	2.13	2.18	2.24	-
		Amps	6.7	6.8	7.0	-	7.2	7.3	66.0	-	7.7	7.9	8.1	-	8.2	8.4	8.6	-	8.7	8.9	9.1	-	9.1	9.3	9.6	-
	820	Hi PR	139	150	158	-	156	168	177	-	177	191	202	-	202	217	230	-	227	245	258	-	251	270	285	-
		Lo PR	59	63	69	-	63	67	73	-	65	69	76	-	68	73	80	-	72	76	83	-	74	79	86	-
		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	0.71	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	0.46	-	0.81	0.68	0.47	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
718	kW	1.66	1.70	1.74	-	1.78	1.81	1.87	-	1.88	1.92	1.98	-	1.97	2.01	2.07	-	2.05	2.09	2.15	-	2.11	2.16	2.23	-	
	Amps	6.6	6.8	7.0	-	7.1	7.3	7.5	-	7.6	7.8	8.0	-	8.1	8.3	8.5	-	8.6	8.8	9.0	-	9.0	9.3	9.5	-	
	Hi PR	138	148	156	-	154	166	175	-	176	189	200	-	200	215	227	-	225	242	256	-	249	267	282	-	
	Lo PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	83	-	73	78	85	-	
	MBh	21.1	21.8	23.9	-	20.6	21.3	23.4	-	20.1	20.8	22.8	-	19.6	20.3	22.3	-	18.6	19.3	21.1	-	17.3	17.9	19.6	-	

75	923	MBh	23.9	24.6	26.7	28.6	23.4	24.1	26.0	27.9	22.8	23.5	25.4	27.3	22.2	22.9	24.8	26.6	21.1	21.8	23.6	25.3	19.6	20.2	21.8	23.4
		S/T	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.89	0.80	0.60	0.39	0.92	0.82	0.62	0.40	0.96	0.86	0.65	0.42	0.97	0.86	0.65	0.42
		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	1.69	1.72	1.77	1.82	1.81	1.84	1.90	1.95	1.91	1.95	2.01	2.07	2.00	2.04	2.11	2.17	2.08	2.12	2.19	2.26	2.15	2.19	2.26	2.33
		Amps	6.7	6.9	7.1	7.3	7.2	7.4	7.6	7.8	7.8	7.9	8.2	8.5	8.3	8.4	8.7	9.0	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.0
	820	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	60	64	70	74	63	67	74	78	66	70	76	81	69	74	80	86	72	77	84	90	75	80	87	93
		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	0.80	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	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
718	kW	1.68	1.71	1.76	1.81	1.79	1.83	1.88	1.94	1.90	1.93	1.99	2.05	1.99	2.03	2.09	2.15	2.06	2.11	2.17	2.24	2.13	2.18	2.24	2.31	
	Amps	6.7	6.8	7.0	7.3	7.2	7.3	7.5	7.8	7.7	7.9	8.1	8.4	8.2	8.4	8.6	8.9	8.7	8.9	9.1	9.4	9.1	9.3	9.6	10.0	
	Hi PR	139	150	158	165	156	168	177	185	177	191	202	210	202	217	230	239	227	245	258	269	251	270	285	298	
	Lo PR	59	63	69	73	63	67	73	78	65	69	76	81	68	73	80	85	72	76	83	89	74	79	86	92	
	MBh	21.4	22.1	23.9	25.6	20.9	21.6	23.3	25.0	20.4	21.0	22.8	24.4	19.9	20.5	22.2	23.8	18.9	19.5	21.1	22.7	17.5	18.1	19.6	21.0	

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

EXPANDED COOLING DATA — GSH130251A* / AWUF36XX1A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	24.3	24.9	26.6	28.4	23.8	24.3	26.0	27.7	23.2	23.7	25.3	27.1	22.6	23.1	24.7	26.4	21.5	22.0	23.5	25.1	19.9	20.4	21.8	23.3
	S/T	0.92	0.86	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	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	22	19	15	20	20	18	14
	kW	1.70	1.73	1.78	1.84	1.82	1.86	1.91	1.97	1.92	1.96	2.02	2.08	2.02	2.06	2.12	2.19	2.10	2.14	2.21	2.28	2.16	2.21	2.28	2.35
	Amps	6.8	6.9	7.1	7.4	7.3	7.4	7.7	7.9	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.6	9.3	9.5	9.8	10.1
	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	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94
	MBh	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	0.88	0.82	0.67	0.50	0.91	0.85	0.70	0.52	0.93	0.88	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.95	0.77	0.58
	ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	20	16	22	21	18	15
kW	1.69	1.72	1.77	1.82	1.81	1.84	1.90	1.95	1.91	1.95	2.01	2.07	2.00	2.04	2.11	2.17	2.08	2.12	2.19	2.26	2.15	2.19	2.26	2.33	
Amps	6.7	6.9	7.1	7.3	7.2	7.4	7.6	7.8	7.8	7.9	8.2	8.5	8.3	8.4	8.7	9.0	8.7	8.9	9.2	9.5	9.2	9.4	9.7	10.0	
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	60	64	70	74	63	67	74	78	66	70	76	81	69	74	80	86	72	77	84	90	75	80	87	93	
MBh	21.8	22.3	23.8	25.5	21.3	21.8	23.3	24.9	20.8	21.3	22.7	24.3	20.3	20.7	22.2	23.7	19.3	19.7	21.0	22.5	17.9	18.2	19.5	20.8	
S/T	0.85	0.80	0.65	0.48	0.88	0.82	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	24	23	20	16	24	23	20	16	22	21	19	15	
kW	1.65	1.68	1.73	1.78	1.77	1.80	1.85	1.91	1.87	1.90	1.96	2.02	1.96	2.00	2.06	2.12	2.03	2.07	2.14	2.20	2.10	2.14	2.21	2.28	
Amps	6.6	6.7	6.9	7.1	7.0	7.2	7.4	7.7	7.6	7.7	8.0	8.2	8.0	8.2	8.5	8.8	8.5	8.7	9.0	9.3	9.0	9.2	9.5	9.8	
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	58	62	68	72	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90	

85	MBh	24.8	25.2	26.4	28.2	24.2	24.7	25.8	27.6	23.6	24.1	25.2	26.9	23.0	23.5	24.6	26.2	21.9	22.3	23.4	24.9	20.3	20.7	21.6	23.1
	S/T	0.97	0.93	0.84	0.68	1.00	0.97	0.87	0.71	1.00	0.99	0.89	0.73	1.00	1.00	0.92	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.78
	ΔT	24	23	22	19	24	24	22	19	24	24	22	19	23	23	23	20	22	22	22	19	20	21	21	18
	kW	1.71	1.75	1.80	1.85	1.83	1.87	1.92	1.98	1.94	1.98	2.04	2.10	2.03	2.07	2.14	2.21	2.11	2.16	2.22	2.29	2.18	2.23	2.30	2.37
	Amps	6.8	7.0	7.2	7.4	7.3	7.5	7.7	8.0	7.9	8.1	8.3	8.6	8.4	8.6	8.8	9.1	8.9	9.1	9.4	9.7	9.4	9.6	9.9	10.2
	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	61	65	71	76	65	69	75	80	67	71	78	83	71	75	82	87	74	79	86	91	76	81	89	95
	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	0.92	0.89	0.80	0.65	0.96	0.92	0.83	0.67	0.98	0.95	0.85	0.69	1.00	0.98	0.88	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.92	0.75
	ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	24	23	20	22	22	22	19
kW	1.70	1.73	1.78	1.84	1.82	1.86	1.91	1.97	1.92	1.96	2.02	2.08	2.02	2.06	2.12	2.19	2.10	2.14	2.21	2.28	2.16	2.21	2.28	2.35	
Amps	6.8	6.9	7.1	7.4	7.3	7.4	7.7	7.9	7.8	8.0	8.2	8.5	8.3	8.5	8.8	9.1	8.8	9.0	9.3	9.6	9.3	9.5	9.8	10.1	
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	61	64	70	75	64	68	74	79	67	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94	
MBh	22.2	22.6	23.7	25.3	21.7	22.1	23.1	24.7	21.2	21.6	22.6	24.1	20.6	21.0	22.0	23.5	19.6	20.0	20.9	22.3	18.2	18.5	19.4	20.7	
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	0.98	0.94	0.85	0.69	1.00	0.98	0.88	0.71	1.00	0.98	0.89	0.72	
ΔT	25	25	24	20	26	25	24	21	26	25	24	21	26	25	24	21	25	25	24	20	23	23	22	19	
kW	1.66	1.69	1.74	1.79	1.78	1.81	1.87	1.92	1.88	1.92	1.98	2.04	1.97	2.01	2.07	2.14	2.05	2.09	2.15	2.22	2.11	2.16	2.22	2.30	
Amps	6.6	6.8	7.0	7.2	7.1	7.3	7.5	7.7	7.6	7.8	8.0	8.3	8.1	8.3	8.5	8.8	8.6	8.8	9.0	9.4	9.0	9.3	9.5	9.9	
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	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	82	88	73	78	85	91	

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

EXPANDED COOLING DATA — GSH130301A* / ARUF42-00*-01* / ARUF30301A*

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1173	MBh	27.0	28.0	30.7	-	26.4	27.4	30.0	-	25.8	26.7	29.3	-	25.2	26.1	28.6	-	23.9	24.8	27.1	-	22.1	22.9	25.1	-
	S/T	0.75	0.63	0.43	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.82	0.69	0.48	-	0.85	0.71	0.49	-	0.86	0.72	0.50	-
	ΔT	16	14	10	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-
	kW	2.04	2.08	2.14	-	2.19	2.24	2.31	-	2.32	2.37	2.45	-	2.44	2.49	2.57	-	2.54	2.60	2.68	-	2.63	2.69	2.77	-
	Amps	7.6	7.8	8.1	-	8.2	8.4	8.7	-	9.0	9.2	9.5	-	9.6	9.8	10.2	-	10.2	10.5	10.8	-	10.8	11.1	11.5	-
	Hi PR	141	152	161	-	159	171	180	-	181	194	205	-	206	221	234	-	231	249	263	-	256	275	290	-
	Lo PR	62	66	73	-	66	70	77	-	69	73	80	-	72	77	84	-	75	80	88	-	78	83	91	-
	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	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
70	kW	2.03	2.07	2.13	-	2.18	2.22	2.29	-	2.31	2.36	2.43	-	2.43	2.48	2.56	-	2.53	2.58	2.67	-	2.61	2.67	2.76	-
	Amps	7.6	7.8	8.0	-	8.2	8.4	8.7	-	8.9	9.1	9.4	-	9.5	9.8	10.1	-	10.1	10.4	10.7	-	10.8	11.0	11.4	-
	Hi PR	140	151	160	-	158	170	179	-	179	193	204	-	204	220	232	-	230	247	261	-	254	273	288	-
	Lo PR	62	66	72	-	66	70	76	-	68	72	79	-	72	76	83	-	75	80	87	-	78	82	90	-
	MBh	25.3	26.2	28.7	-	24.7	25.6	28.1	-	24.1	25.0	27.4	-	23.5	24.4	26.7	-	22.4	23.2	25.4	-	20.7	21.5	23.5	-
	S/T	0.69	0.57	0.40	-	0.71	0.60	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	17	15	11	-	17	15	11	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
	kW	2.00	2.04	2.10	-	2.14	2.19	2.26	-	2.27	2.32	2.40	-	2.39	2.44	2.52	-	2.49	2.54	2.62	-	2.57	2.63	2.71	-
	Amps	7.4	7.6	7.9	-	8.0	8.2	8.5	-	8.7	9.0	9.3	-	9.3	9.6	9.9	-	10.0	10.2	10.5	-	10.6	10.8	11.2	-
	Hi PR	138	148	156	-	154	166	176	-	176	189	200	-	200	215	227	-	225	242	256	-	249	268	283	-
Lo PR	61	65	71	-	64	68	75	-	67	71	78	-	70	75	81	-	73	78	85	-	76	81	88	-	

1173	MBh	27.5	28.3	30.6	32.9	26.9	27.7	29.9	32.1	26.2	27.0	29.2	31.4	25.6	26.3	28.5	30.6	24.3	25.0	27.1	29.1	22.5	23.2	25.1	26.9
	S/T	0.85	0.76	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.61	0.39	0.94	0.84	0.63	0.41	0.97	0.87	0.66	0.42	0.98	0.88	0.66	0.43
	ΔT	18	17	14	10	19	17	14	10	19	17	14	10	19	17	14	10	18	17	14	10	17	16	13	9
	kW	2.05	2.10	2.16	2.23	2.21	2.25	2.32	2.40	2.34	2.39	2.47	2.55	2.46	2.52	2.60	2.68	2.56	2.62	2.70	2.79	2.65	2.71	2.80	2.89
	Amps	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	9.0	9.3	9.6	9.9	9.7	9.9	10.3	10.6	10.3	10.6	10.9	11.3	10.9	11.2	11.6	12.0
	Hi PR	143	154	162	169	160	173	182	190	182	196	207	216	208	224	236	246	234	251	266	277	258	278	293	306
	Lo PR	63	67	73	78	67	71	77	82	69	74	80	86	73	77	85	90	76	81	89	94	79	84	92	98
	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	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
	ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
75	kW	2.04	2.08	2.15	2.22	2.19	2.24	2.31	2.38	2.33	2.38	2.45	2.53	2.45	2.50	2.58	2.67	2.55	2.60	2.69	2.78	2.64	2.69	2.78	2.87
	Amps	7.6	7.8	8.1	8.4	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.9	9.6	9.9	10.2	10.6	10.2	10.5	10.8	11.3	10.9	11.1	11.5	11.9
	Hi PR	142	153	161	168	159	171	181	189	181	195	206	215	206	222	234	244	232	250	264	275	256	276	291	304
	Lo PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97
	MBh	25.7	26.5	28.7	30.8	25.1	25.9	28.0	30.1	24.5	25.3	27.3	29.4	23.9	24.6	26.7	28.6	22.7	23.4	25.3	27.2	21.1	21.7	23.5	25.2
	S/T	0.78	0.70	0.53	0.34	0.81	0.73	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	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	19	17	14	10
	kW	2.01	2.05	2.11	2.18	2.16	2.21	2.27	2.35	2.29	2.34	2.41	2.49	2.41	2.46	2.54	2.62	2.51	2.56	2.64	2.73	2.59	2.65	2.74	2.83
	Amps	7.5	7.7	7.9	8.2	8.1	8.3	8.6	8.9	8.8	9.0	9.3	9.7	9.4	9.7	10.0	10.4	10.0	10.3	10.6	11.1	10.7	10.9	11.3	11.7
	Hi PR	139	150	158	165	156	168	177	185	177	191	202	210	202	218	230	240	227	245	258	270	251	270	286	298
Lo PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95	

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp. +fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130301A* / ARUF42-00*-01* / ARUF30301A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	1173	MBh	28.0	28.6	30.6	32.7	27.3	27.9	29.8	31.9	26.7	27.3	29.1	31.1	26.0	26.6	28.4	30.4	24.7	25.3	27.0	28.9	22.9	23.4	25.0	26.7
		S/T	0.94	0.88	0.71	0.53	0.97	0.91	0.74	0.55	1.00	0.93	0.76	0.57	1.00	0.96	0.78	0.59	1.00	1.00	0.81	0.61	1.00	1.00	0.82	0.61
		ΔT	21	20	17	14	21	20	17	14	21	20	17	14	20	20	17	14	19	20	17	14	18	18	16	13
		kW	2.07	2.11	2.18	2.25	2.22	2.27	2.34	2.42	2.36	2.41	2.49	2.57	2.48	2.54	2.62	2.70	2.58	2.64	2.73	2.82	2.67	2.73	2.82	2.92
		Amps	7.8	8.0	8.2	8.5	8.4	8.6	8.9	9.2	9.1	9.4	9.7	10.0	9.8	10.0	10.3	10.7	10.4	10.4	11.0	11.4	11.0	11.3	11.7	12.1
	Hi PR	144	155	164	171	162	174	184	192	184	198	209	218	210	226	238	249	236	254	268	280	261	281	296	309	
	Lo PR	64	68	74	79	67	72	78	83	70	74	81	87	74	78	85	91	77	82	89	95	80	85	93	99	
	1050	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	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
		ΔT	22	21	18	14	22	21	18	15	22	21	18	15	22	21	18	15	21	21	18	14	20	19	17	14
kW		2.06	2.10	2.17	2.23	2.21	2.26	2.33	2.40	2.35	2.40	2.47	2.55	2.47	2.52	2.60	2.69	2.57	2.63	2.71	2.80	2.66	2.72	2.80	2.90	
Amps		7.7	7.9	8.2	8.5	8.3	8.5	8.8	9.2	9.1	9.3	9.6	10.0	9.7	9.9	10.3	10.7	10.3	10.6	11.0	11.4	11.0	11.2	11.6	12.1	
Hi PR	143	154	163	170	161	173	183	191	183	197	208	217	207	224	237	247	234	252	266	278	259	279	294	307		
Lo PR	63	67	74	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	95	79	84	92	98		
927	MBh	26.2	26.8	28.6	30.6	25.6	26.1	27.9	29.9	25.0	25.5	27.3	29.1	24.4	24.9	26.6	28.4	23.1	23.7	25.3	27.0	21.4	21.9	23.4	25.0	
	S/T	0.86	0.80	0.65	0.49	0.89	0.83	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.92	0.75	0.56	
	ΔT	22	21	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	21	19	15	21	20	17	14	
	kW	2.03	2.07	2.13	2.20	2.18	2.22	2.29	2.37	2.31	2.36	2.43	2.51	2.43	2.48	2.56	2.64	2.53	2.58	2.67	2.75	2.61	2.67	2.76	2.85	
	Amps	7.6	7.8	8.0	8.3	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.8	9.5	9.8	10.1	10.5	10.1	10.4	10.7	11.2	10.8	11.0	11.4	11.8	
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	62	66	72	77	66	70	76	81	68	72	79	84	72	76	83	88	75	80	87	93	78	82	90	96		

85	1173	MBh	28.5	29.0	30.4	32.4	27.8	28.4	29.7	31.7	27.1	27.7	29.0	30.9	26.5	27.0	28.3	30.2	25.2	25.7	26.9	28.7	23.3	23.8	24.9	26.5
		S/T	0.98	0.95	0.85	0.69	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.98	0.80
		ΔT	22	22	20	18	22	22	21	18	21	22	21	18	21	21	21	18	20	20	20	18	18	19	19	17
		kW	2.09	2.13	2.19	2.26	2.24	2.29	2.36	2.44	2.38	2.43	2.51	2.59	2.50	2.56	2.64	2.73	2.61	2.66	2.75	2.84	2.70	2.75	2.84	2.94
		Amps	7.8	8.0	8.3	8.6	8.5	8.7	9.0	9.3	9.2	9.4	9.8	10.1	9.9	10.1	10.4	10.8	10.5	10.8	11.1	11.6	11.1	11.4	11.8	12.3
	Hi PR	146	157	166	173	164	176	186	194	186	200	211	221	212	228	241	251	238	257	271	283	263	283	299	312	
	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	
	1050	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	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		ΔT	23	23	21	19	23	23	22	19	23	23	22	19	23	23	22	19	22	22	22	19	20	20	20	17
kW		2.07	2.12	2.18	2.25	2.23	2.28	2.35	2.42	2.37	2.42	2.49	2.58	2.49	2.54	2.62	2.71	2.59	2.65	2.73	2.82	2.68	2.74	2.83	2.92	
Amps		7.8	8.0	8.2	8.5	8.4	8.6	8.9	9.3	9.2	9.4	9.7	10.1	9.8	10.0	10.4	10.8	10.4	10.7	11.1	11.5	11.1	11.3	11.7	12.2	
Hi PR	145	156	165	172	162	175	185	193	185	199	210	219	210	226	239	249	237	255	269	281	262	281	297	310		
Lo PR	64	68	74	79	68	72	78	84	70	75	82	87	74	78	86	91	77	82	90	96	80	85	93	99		
927	MBh	26.7	27.2	28.5	30.4	26.0	26.5	27.8	29.6	25.4	25.9	27.1	28.9	24.8	25.3	26.5	28.2	23.6	24.0	25.1	26.8	21.8	22.2	23.3	24.8	
	S/T	0.90	0.87	0.78	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.72	1.00	1.00	0.90	0.73	
	ΔT	24	23	22	19	24	24	22	19	24	24	22	19	24	24	22	19	23	24	22	19	22	22	21	18	
	kW	2.04	2.08	2.15	2.22	2.19	2.24	2.31	2.38	2.33	2.38	2.45	2.53	2.45	2.50	2.58	2.66	2.55	2.60	2.69	2.78	2.64	2.69	2.78	2.87	
	Amps	7.6	7.8	8.1	8.4	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.9	9.6	9.9	10.2	10.6	10.2	10.5	10.8	11.3	10.9	11.1	11.5	11.9	
Hi PR	142	153	161	168	159	171	181	189	181	195	206	215	206	222	234	244	232	250	264	275	256	276	291	304		
Lo PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97		

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp. +fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130311A* / AWB36-XX / AWUF36XX1A*

IDB	Airflow	Outdoor Ambient Temperature																													
		65°F				75°F				85°F				95°F				105°F				115°F									
		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	1173	MBh	26.5	27.4	30.0	-	25.8	26.8	29.3	-	25.2	26.1	28.6	-	24.6	25.5	28.0	-	23.4	24.2	26.6	-	23.4	24.2	26.6	-	21.7	22.4	24.6	-	
		S/T	0.78	0.65	0.45	-	0.81	0.67	0.47	-	0.83	0.69	0.48	-	0.85	0.71	0.49	-	0.89	0.74	0.51	-	0.89	0.74	0.51	-	0.89	0.75	0.52	-	
	ΔT	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	16	14	11	-	15	13	10	-		
	kW	1.81	1.85	1.91	-	1.96	2.00	2.07	-	2.09	2.13	2.21	-	2.20	2.25	2.33	-	2.30	2.35	2.43	-	2.30	2.35	2.43	-	2.38	2.44	2.52	-		
	Amps	8.0	8.1	8.4	-	8.6	8.8	9.0	-	9.3	9.5	9.8	-	9.9	10.1	10.4	-	10.5	10.7	11.0	-	10.5	10.7	11.0	-	11.0	11.3	11.7	-		
	Hi PR	147	159	168	-	165	178	188	-	188	202	214	-	214	231	244	-	241	259	274	-	241	259	274	-	266	287	303	-		
	Lo PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	74	79	86	-	77	82	89	-		
	927	1050	MBh	26.1	27.0	29.6	-	25.5	26.4	28.9	-	24.9	25.8	28.2	-	24.2	25.1	27.5	-	23.0	23.9	26.2	-	23.0	23.9	26.2	-	21.3	22.1	24.2	-
			S/T	0.74	0.62	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-	0.85	0.71	0.49	-
		ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-	
kW		1.80	1.84	1.90	-	1.95	1.99	2.06	-	2.07	2.12	2.19	-	2.19	2.24	2.31	-	2.28	2.34	2.42	-	2.28	2.34	2.42	-	2.37	2.42	2.51	-		
Amps		7.9	8.1	8.3	-	8.5	8.7	9.0	-	9.2	9.4	9.7	-	9.8	10.0	10.3	-	10.4	10.6	11.0	-	10.4	10.6	11.0	-	11.0	11.2	11.6	-		
Hi PR		146	158	166	-	164	177	187	-	187	201	212	-	213	229	242	-	239	258	272	-	239	258	272	-	265	285	301	-		
Lo PR		61	65	71	-	64	69	75	-	67	71	78	-	70	75	82	-	74	78	86	-	74	78	86	-	76	81	89	-		
927		1173	MBh	24.8	25.7	28.1	-	24.2	25.1	27.5	-	23.6	24.5	26.8	-	23.0	23.9	26.2	-	21.9	22.7	24.9	-	21.9	22.7	24.9	-	20.3	21.0	23.0	-
			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	-	0.81	0.68	0.47	-	0.82	0.68	0.47	-
		ΔT	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-	
	kW	1.77	1.81	1.87	-	1.91	1.96	2.02	-	2.04	2.09	2.16	-	2.15	2.20	2.27	-	2.24	2.30	2.38	-	2.24	2.30	2.38	-	2.33	2.38	2.46	-		
	Amps	7.8	8.0	8.2	-	8.4	8.6	8.8	-	9.0	9.3	9.5	-	9.6	9.8	10.2	-	10.2	10.4	10.8	-	10.2	10.4	10.8	-	10.8	11.0	11.4	-		
	Hi PR	143	154	163	-	161	173	183	-	183	197	208	-	209	224	237	-	235	253	267	-	235	253	267	-	259	279	295	-		
	Lo PR	60	64	69	-	63	67	73	-	66	70	76	-	69	73	80	-	72	77	84	-	72	77	84	-	75	80	87	-		
	75	1173	MBh	26.9	27.7	30.0	32.2	26.3	27.1	29.3	31.4	25.7	26.4	28.6	30.7	25.0	25.8	27.9	29.9	23.8	24.5	26.5	28.4	22.0	22.7	24.5	26.3				
			S/T	0.88	0.79	0.60	0.38	0.92	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	1.00	0.90	0.68	0.44	1.00	0.91	0.69	0.44				
		ΔT	19	17	14	10	19	17	14	10	19	17	14	10	19	18	14	10	19	17	14	10	17	16	13	9					
kW		1.83	1.87	1.93	1.99	1.97	2.02	2.09	2.16	2.11	2.15	2.23	2.30	2.22	2.27	2.35	2.43	2.32	2.37	2.45	2.54	2.40	2.46	2.54	2.63						
Amps		8.0	8.2	8.5	8.8	8.6	8.8	9.1	9.4	9.3	9.6	9.8	10.2	9.9	10.2	10.5	10.9	10.5	10.8	11.1	11.5	11.1	11.4	11.8	12.2						
Hi PR		149	160	169	177	167	180	190	198	190	205	216	225	216	233	246	257	244	262	277	289	269	290	306	319						
Lo PR		62	66	72	77	66	70	76	81	68	72	79	84	72	76	83	89	75	80	87	93	78	83	90	96						
927		1050	MBh	26.5	27.3	29.5	31.7	25.9	26.7	28.9	31.0	25.3	26.0	28.2	30.2	24.7	25.4	27.5	29.5	23.4	24.1	26.1	28.0	21.7	22.3	24.2	26.0				
			S/T	0.85	0.76	0.57	0.37	0.88	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.96	0.86	0.65	0.42	0.97	0.87	0.66	0.42				
		ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	18.5	15	10	20	18	15	10	18	17	14	10					
	kW	1.82	1.86	1.92	1.98	1.96	2.01	2.07	2.15	2.09	2.14	2.21	2.29	2.21	2.26	2.34	2.42	2.30	2.36	2.44	2.52	2.39	2.44	2.53	2.62						
	Amps	8.0	8.2	8.4	8.7	8.6	8.8	9.1	9.4	9.3	9.5	9.8	10.1	9.9	10.1	10.4	10.8	10.5	10.7	11.1	11.5	11.1	11.3	11.7	12.1						
	Hi PR	148	159	168	175	166	179	189	197	189	203	215	224	215	231	244	255	242	260	275	287	267	288	304	317						
	Lo PR	62	66	72	76	65	69	76	81	68	72	79	84	71	76	83	88	74	79	86	92	77	82	89	95						
	927	1050	MBh	25.2	25.9	28.1	30.1	24.6	25.3	27.4	29.4	24.0	24.7	26.8	28.7	23.4	24.1	26.1	28.0	22.3	22.9	24.8	26.6	20.6	21.2	23.0	24.7				
			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	20	19	15	11	20	19	15	11	21	19	15	11	21	19	16	11	20	19	15	11	19	18	14	10					
kW		1.79	1.83	1.89	1.95	1.93	1.97	2.04	2.11	2.06	2.10	2.17	2.25	2.17	2.22	2.29	2.37	2.26	2.32	2.40	2.48	2.35	2.40	2.48	2.57						
Amps		7.9	8.0	8.3	8.6	8.4	8.6	8.9	9.2	9.1	9.3	9.6	10.0	9.7	9.9	10.2	10.6	10.3	10.5	10.9	11.3	10.9	11.1	11.5	11.9						
Hi PR		145	156	165	172	163	175	185	193	185	199	210	219	211	227	239	250	237	255	269	281	262	282	298	310						
Lo PR		60	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	90	75	80	88	93						

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp +fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130311A* / AWB36-XX / AWUF36XX1A* (CONT.)

IDB		Outdoor Ambient Temperature																																															
		65°F								75°F								85°F								95°F								105°F								115°F							
		59	63	67	71	75	79	83	87	59	63	67	71	75	79	83	87	59	63	67	71	75	79	83	87	59	63	67	71	75	79	83	87	59	63	67	71	75	79	83	87	59	63	67	71	75	79	83	87
1173	Airflow	Entering Indoor Wet Bulb Temperature																																															
	MBh	27.4	28.0	29.9	32.0	26.7	27.3	29.2	31.2	26.1	26.7	28.5	30.5	25.5	26.0	27.8	29.7	24.2	24.7	26.4	28.2	22.4	22.9	24.5	26.2																								
	S/T	0.97	0.91	0.74	0.55	1.00	0.94	0.77	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	0.85	0.63																								
	ΔT	21	20	17	14	21	20	18	14	20	20	18	14	20	20	18	14	19	19	17	14	18	18	16	13																								
	kW	1.84	1.88	1.95	2.01	1.99	2.04	2.11	2.18	2.12	2.17	2.25	2.32	2.24	2.29	2.37	2.45	2.34	2.39	2.48	2.56	2.42	2.48	2.57	2.66																								
	Amps	8.1	8.3	8.5	8.8	8.7	8.9	9.2	9.5	9.4	9.6	9.9	10.3	10.0	10.3	10.6	11.0	10.6	10.9	11.2	11.6	11.2	11.5	11.9	12.3																								
	Hi PR	150	162	171	178	169	182	192	200	192	207	218	228	219	235	249	259	246	265	280	292	272	293	309	322																								
	Lo PR	63	67	73	78	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97																								
	80	MBh	27.0	27.6	29.5	31.5	26.4	26.9	28.8	30.8	25.7	26.3	28.1	30.0	25.1	25.6	27.4	29.3	23.8	24.4	26.0	27.8	22.1	22.6	24.1	25.8																							
		S/T	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.92	0.75	0.56	1.00	0.95	0.78	0.58	1.00	0.99	0.81	0.60	1.00	1.00	0.81	0.61																							
ΔT		22	21	18	15	22	21	18	15	22	21	19	15	22	21	19	15	21	21	18	15	19	20	17	14																								
kW		1.83	1.87	1.93	2.00	1.98	2.02	2.09	2.16	2.11	2.16	2.23	2.31	2.23	2.28	2.36	2.44	2.32	2.38	2.46	2.55	2.41	2.47	2.55	2.64																								
Amps		8.1	8.2	8.5	8.8	8.7	8.9	9.1	9.5	9.4	9.6	9.9	10.2	10.0	10.2	10.5	10.9	10.6	10.8	11.2	11.6	11.2	11.4	11.8	12.2																								
Hi PR		149	161	170	177	168	180	191	199	191	205	217	226	217	234	247	257	244	263	278	290	270	290	307	320																								
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																								
927		MBh	25.6	26.2	28.0	29.9	25.0	25.6	27.3	29.2	24.4	25.0	26.7	28.5	23.8	24.4	26.0	27.8	22.7	23.1	24.7	26.4	21.0	21.4	22.9	24.5																							
		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	0.98	0.91	0.74	0.56	1.01	0.95	0.77	0.58	1.02	0.96	0.78	0.58																							
		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	1.80	1.84	1.90	1.97	1.95	1.99	2.06	2.13	2.07	2.12	2.19	2.27	2.19	2.24	2.31	2.40	2.28	2.34	2.42	2.50	2.37	2.42	2.51	2.59																								
	Amps	7.9	8.1	8.3	8.6	8.5	8.7	9.0	9.3	9.2	9.4	9.7	10.0	9.8	10.0	10.3	10.7	10.4	10.6	11.0	11.4	11.0	11.2	11.6	12.0																								
	Hi PR	146	158	166	174	164	177	187	195	187	201	212	221	213	229	242	252	239	258	272	284	265	285	301	314																								
	Lo PR	61	65	71	75	64	69	75	80	67	71	78	83	70	75	82	87	74	78	86	91	76	81	89	94																								

1173	MBh	27.9	28.4	29.7	31.7	27.2	27.7	29.1	31.0	26.6	27.1	28.4	30.3	25.9	26.4	27.7	29.5	24.6	25.1	26.3	28.0	22.8	23.3	24.4	26.0	
	S/T	1.00	0.98	0.88	0.72	1.00	1.00	0.92	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.97	0.79	1.00	1.00	0.90	0.82	1.00	1.00	0.85	0.82	
	ΔT	22	22	21	18	21	22	21	18	21	21	21	18	20	21	21	18	19	20	21	18	18	18	19	17	
	kW	1.86	1.90	1.96	2.03	2.01	2.05	2.12	2.20	2.14	2.19	2.27	2.34	2.26	2.31	2.39	2.47	2.36	2.41	2.50	2.59	2.45	2.50	2.59	2.68	
	Amps	8.2	8.4	8.6	8.9	8.8	9.0	9.3	9.6	9.5	9.7	10.0	10.4	10.1	10.3	10.7	11.1	10.7	11.0	11.3	11.7	11.3	11.6	12.0	12.4	
	Hi PR	152	164	173	180	171	183	194	202	194	209	220	230	221	238	251	262	248	267	282	295	275	295	312	325	
	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	
	1050	MBh	27.5	28.0	29.3	31.3	26.8	27.3	28.6	30.5	26.2	26.7	27.9	29.8	25.5	26.0	27.3	29.1	24.3	24.7	25.9	27.6	22.5	22.9	24.0	25.6
		S/T	0.97	0.94	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.97	0.79
		ΔT	23	23	22	19	23	23	22	19	23	23	22	19	22	23	22	19	21	22	22	19	20	20	20	18
kW		1.85	1.89	1.95	2.02	2.00	2.04	2.11	2.18	2.13	2.18	2.25	2.33	2.25	2.30	2.38	2.46	2.34	2.40	2.48	2.57	2.43	2.49	2.57	2.66	
Amps		8.1	8.3	8.6	8.9	8.7	8.9	9.2	9.5	9.4	9.7	10.0	10.3	10.1	10.3	10.6	11.0	10.7	10.9	11.3	11.7	11.3	11.5	11.9	12.3	
Hi PR		151	162	171	179	169	182	192	201	193	207	219	228	219	236	249	260	247	266	280	292	273	293	310	323	
Lo PR		63	67	73	78	66	71	77	82	69	73	80	85	72	77	84	90	76	81	88	94	79	84	91	97	
927		MBh	26.1	26.6	27.8	29.7	25.5	26.0	27.2	29.0	24.9	25.3	26.5	28.3	24.3	24.7	25.9	27.6	23.0	23.5	24.6	26.2	21.3	21.8	22.8	24.3
		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
		ΔT	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	23	23	23	20	21	22	21	18
	kW	1.82	1.86	1.92	1.98	1.96	2.01	2.07	2.15	2.09	2.14	2.21	2.29	2.21	2.26	2.33	2.42	2.30	2.36	2.44	2.52	2.39	2.44	2.53	2.62	
	Amps	8.0	8.2	8.4	8.7	8.6	8.8	9.1	9.4	9.3	9.5	9.8	10.1	9.9	10.1	10.4	10.8	10.5	10.7	11.1	11.5	11.1	11.3	11.7	12.1	
	Hi PR	148	159	168	175	166	179	189	197	189	203	214	224	215	231	244	255	242	260	275	287	267	288	304	317	
	Lo PR	62	66	72	76	65	69	76	80	68	72	79	84	71	76	83	88	74	79	86	91	77	82	89	95	

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp + fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130361A* / ARUF49-00*-1* / ARUF36421A*

		Outdoor Ambient Temperature																													
		65°F					75°F					85°F					95°F					105°F					115°F				
		Entering Indoor Wet Bulb Temperature																													
70	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					
		MBh	33.8	35.0	38.4	-	33.0	34.2	37.5	-	32.2	33.4	36.6	-	31.4	32.6	35.7	-	29.9	31.0	33.9	-	27.7	28.7	31.4	-					
		S/T	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.80	0.67	0.47	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.87	0.73	0.50	-					
	ΔT	17	14	11	-	17	14	11	-	17	14	11	-	17	15	11	-	17	14	11	-	16	13	10	-						
	kW	2.47	2.52	2.60	-	2.65	2.70	2.79	-	2.81	2.86	2.95	-	2.95	3.01	3.10	-	3.06	3.13	3.23	-	3.16	3.23	3.33	-						
	Amps	9.2	9.4	9.7	-	9.9	10.1	10.5	-	10.7	11.0	11.3	-	11.5	11.7	12.1	-	12.2	12.5	12.9	-	12.9	13.2	13.6	-						
	Hi PR	143	154	163	-	161	173	183	-	183	197	208	-	208	224	236	-	234	252	266	-	259	278	294	-						
	Lo PR	65	69	76	-	69	73	80	-	72	76	83	-	75	80	87	-	79	84	91	-	81	87	95	-						
	MBh	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-						
	S/T	0.73	0.61	0.42	-	0.75	0.63	0.43	-	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	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-						
	kW	2.46	2.51	2.58	-	2.64	2.69	2.77	-	2.79	2.85	2.94	-	2.93	2.99	3.08	-	3.05	3.11	3.21	-	3.15	3.21	3.32	-						
Amps	9.1	9.3	9.6	-	9.8	10.1	10.4	-	10.7	10.9	11.3	-	11.4	11.7	12.0	-	12.1	12.4	12.8	-	12.8	13.1	13.6	-							
Hi PR	142	153	162	-	159	172	181	-	181	195	206	-	207	222	235	-	232	250	264	-	257	276	292	-							
Lo PR	65	69	75	-	68	73	79	-	71	76	82	-	75	79	87	-	78	83	91	-	81	86	94	-							
MBh	31.6	32.8	35.9	-	30.9	32.0	35.1	-	30.2	31.3	34.3	-	29.4	30.5	33.4	-	28.0	29.0	31.7	-	25.9	26.8	29.4	-							
S/T	0.69	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	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-							
kW	2.42	2.47	2.54	-	2.60	2.65	2.73	-	2.75	2.81	2.89	-	2.88	2.94	3.03	-	3.00	3.06	3.16	-	3.10	3.16	3.26	-							
Amps	9.0	9.2	9.5	-	9.7	9.9	10.2	-	10.5	10.7	11.1	-	11.2	11.4	11.8	-	11.9	12.2	12.6	-	12.6	12.9	13.3	-							
Hi PR	139	150	158	-	156	168	178	-	178	191	202	-	202	218	230	-	228	245	259	-	252	271	286	-							
Lo PR	63	67	74	-	67	71	78	-	70	74	81	-	73	78	85	-	77	82	89	-	79	84	92	-							
75	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					
		MBh	34.4	35.4	38.3	41.1	33.6	34.6	37.4	40.2	32.8	33.7	36.5	39.2	32.0	32.9	35.6	38.2	30.4	31.3	33.8	36.3	28.1	29.0	31.4	33.7					
		S/T	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.91	0.82	0.62	0.40	0.94	0.84	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.88	0.67	0.43					
	ΔT	19	18	14	10	19	18	15	10	19	18	15	10	19	18	15	10	19	18	14	10	18	17	14	9						
	kW	2.49	2.54	2.62	2.69	2.67	2.72	2.81	2.89	2.83	2.89	2.98	3.07	2.97	3.03	3.13	3.23	3.09	3.15	3.25	3.36	3.19	3.26	3.36	3.47						
	Amps	9.3	9.5	9.8	10.1	10.0	10.2	10.5	10.9	10.8	11.1	11.4	11.9	11.6	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.0	13.3	13.8	14.3						
	Hi PR	145	156	164	171	162	175	184	192	185	199	210	219	210	226	239	249	236	254	269	280	261	281	297	310						
	Lo PR	66	70	76	81	70	74	81	86	72	77	84	89	76	81	88	94	80	85	92	98	82	88	96	102						
	MBh	33.9	34.9	37.7	40.5	33.1	34.1	36.9	39.6	32.3	33.2	36.0	38.6	31.5	32.4	35.1	37.7	29.9	30.8	33.3	35.8	27.7	28.5	30.9	33.2						
	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	20	19	15	10	20	19	15	11	20	19	15	11	21	19	15	11	20	19	15	11	19	17	14	10						
	kW	2.48	2.53	2.60	2.68	2.66	2.71	2.79	2.88	2.81	2.87	2.96	3.05	2.95	3.01	3.11	3.21	3.07	3.14	3.23	3.34	3.17	3.24	3.34	3.45						
Amps	9.2	9.4	9.7	10.1	9.9	10.2	10.5	10.9	10.8	11.0	11.4	11.8	11.5	11.8	12.1	12.6	12.2	12.5	12.9	13.4	12.9	13.2	13.7	14.2							
Hi PR	144	155	163	170	161	173	183	191	183	197	208	217	209	225	237	247	235	253	267	278	259	279	295	307							
Lo PR	65	70	76	81	69	73	80	85	72	76	83	89	75	80	88	93	79	84	92	98	82	87	95	101							
MBh	32.2	33.1	35.9	38.5	31.4	32.4	35.0	37.6	30.7	31.6	34.2	36.7	29.9	30.8	33.3	35.8	28.4	29.3	31.7	34.0	26.3	27.1	29.3	31.5							
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	0.77	0.59	0.38	0.90	0.80	0.61	0.39	0.91	0.81	0.61	0.39							
ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10							
kW	2.44	2.49	2.56	2.64	2.62	2.67	2.75	2.83	2.77	2.83	2.91	3.00	2.91	2.97	3.06	3.16	3.02	3.09	3.18	3.28	3.12	3.19	3.29	3.39							
Amps	9.0	9.2	9.5	9.9	9.7	10.0	10.3	10.7	10.6	10.8	11.2	11.6	11.3	11.5	11.9	12.4	12.0	12.3	12.7	13.2	12.7	13.0	13.4	13.9							
Hi PR	141	151	160	167	158	170	179	187	180	193	204	213	205	220	232	242	230	248	261	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							

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp. +fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130361A* / ARUF49-00*-1* / ARUF36421A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	35.0	35.7	38.2	40.8	34.2	34.9	37.3	39.9	33.4	34.1	36.4	38.9	32.5	33.3	35.5	38.0	30.9	31.6	33.7	36.1	28.6	29.3	31.3	33.4
	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	21	20	18	14	22	21	18	14	22	21	18	14	21	21	18	14	20	20	18	14	18	19	17	13
	kW	2.51	2.56	2.64	2.72	2.69	2.75	2.83	2.92	2.85	2.91	3.00	3.09	2.99	3.06	3.15	3.25	3.11	3.18	3.28	3.38	3.22	3.28	3.39	3.50
	Amps	9.3	9.6	9.9	10.2	10.1	10.3	10.6	11.0	10.9	11.2	11.6	12.0	11.7	11.9	12.3	12.8	12.4	12.7	13.1	13.6	13.1	13.4	13.9	14.4
	Hi PR	146	157	166	173	164	176	186	194	186	201	212	221	212	228	241	252	239	257	271	283	264	284	300	313
	Lo PR	66	71	77	82	70	75	82	87	73	78	85	90	77	82	89	95	80	85	93	99	83	88	97	103
	MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.5	28.2	28.8	30.8	32.9
	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	22	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	20	18	14
kW	2.50	2.55	2.62	2.70	2.68	2.73	2.81	2.90	2.84	2.89	2.98	3.08	2.98	3.04	3.13	3.23	3.10	3.16	3.26	3.37	3.20	3.27	3.37	3.48	
Amps	9.3	9.5	9.8	10.2	10.0	10.2	10.6	11.0	10.9	11.1	11.5	11.9	11.6	11.9	12.3	12.7	12.3	12.6	13.0	13.5	13.0	13.4	13.8	14.3	
Hi PR	145	156	165	172	163	175	185	193	185	199	210	219	211	227	240	250	237	255	270	281	262	282	298	311	
Lo PR	66	70	77	82	70	74	81	86	72	77	84	90	76	81	88	94	80	85	93	99	83	88	96	102	
MBh	32.7	33.5	35.7	38.2	32.0	32.7	34.9	37.3	31.2	31.9	34.1	36.4	30.5	31.1	33.3	35.5	28.9	29.6	31.6	33.8	26.8	27.4	29.3	31.3	
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	0.92	0.75	0.56	0.99	0.93	0.76	0.57	
ΔT	23	22	19	15	23	22	20	16	23	23	20	16	24	23	20	16	23	22	19	16	22	21	18	14	
kW	2.46	2.51	2.58	2.66	2.64	2.69	2.77	2.86	2.79	2.85	2.94	3.03	2.93	2.99	3.08	3.18	3.05	3.11	3.21	3.31	3.15	3.21	3.32	3.42	
Amps	9.1	9.3	9.6	10.0	9.8	10.1	10.4	10.8	10.7	10.9	11.3	11.7	11.4	11.7	12.0	12.5	12.1	12.4	12.8	13.3	12.8	13.1	13.6	14.1	
Hi PR	142	153	162	168	159	172	181	189	181	195	206	215	207	222	235	245	232	250	264	275	257	276	292	304	
Lo PR	65	69	75	80	68	73	79	85	71	76	82	88	75	79	87	92	78	83	91	97	81	86	94	100	

1425	MBh	35.6	36.3	38.0	40.5	34.8	35.4	37.1	39.6	33.9	34.6	36.2	38.7	33.1	33.8	35.3	37.7	31.5	32.1	33.6	35.8	29.1	29.7	31.1	33.2
	S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.72	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	22	21	18	22	23	21	19	22	22	21	19	21	22	22	19	20	21	21	18	19	19	20	17
	kW	2.53	2.58	2.66	2.74	2.71	2.77	2.85	2.94	2.87	2.93	3.02	3.12	3.02	3.08	3.18	3.28	3.14	3.20	3.31	3.41	3.24	3.31	3.42	3.53
	Amps	9.4	9.6	9.9	10.3	10.2	10.4	10.7	11.1	11.0	11.3	11.7	12.1	11.8	12.1	12.4	12.9	12.5	12.8	13.2	13.7	13.2	13.6	14.0	14.5
	Hi PR	148	159	168	175	166	178	188	196	188	203	214	223	214	231	244	254	241	260	274	286	267	287	303	316
	Lo PR	67	71	78	83	71	75	82	88	74	78	86	91	77	82	90	96	81	86	94	100	84	89	97	104
	MBh	35.1	35.7	37.4	39.9	34.3	34.9	36.6	39.0	33.4	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.6	32.7
	S/T	0.95	0.91	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	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
	ΔT	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	22	23	22	19	21	21	21	18
kW	2.52	2.57	2.64	2.72	2.70	2.75	2.84	2.92	2.86	2.92	3.01	3.10	3.00	3.06	3.16	3.26	3.12	3.19	3.29	3.39	3.22	3.29	3.40	3.51	
Amps	9.4	9.6	9.9	10.2	10.1	10.3	10.7	11.1	11.0	11.2	11.6	12.0	11.7	12.0	12.4	12.8	12.4	12.7	13.2	13.6	13.2	13.5	13.9	14.5	
Hi PR	146	158	166	174	164	177	187	195	187	201	212	222	213	229	242	252	240	258	272	284	265	285	301	314	
Lo PR	67	71	77	82	70	75	82	87	73	78	85	91	77	82	89	95	81	86	94	100	83	89	97	103	
MBh	33.3	34.0	35.6	37.9	32.5	33.2	34.7	37.1	31.8	32.4	33.9	36.2	31.0	31.6	33.1	35.3	29.4	30.0	31.4	33.5	27.3	27.8	29.1	31.1	
S/T	0.91	0.88	0.79	0.64	0.94	0.91	0.82	0.66	0.96	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	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	24	24	23	20	22	23	22	19	
kW	2.48	2.53	2.60	2.68	2.66	2.71	2.79	2.88	2.81	2.87	2.96	3.05	2.95	3.01	3.11	3.21	3.07	3.14	3.23	3.34	3.17	3.24	3.34	3.45	
Amps	9.2	9.4	9.7	10.1	9.9	10.2	10.5	10.9	10.8	11.0	11.4	11.8	11.5	11.8	12.1	12.6	12.2	12.5	12.9	13.4	12.9	13.2	13.7	14.2	
Hi PR	144	154	163	170	161	173	183	191	183	197	208	217	209	225	237	247	235	253	267	278	259	279	295	307	
Lo PR	65	69	76	81	69	73	80	85	72	76	83	89	75	80	88	93	79	84	92	98	82	87	95	101	

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp +fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130363A* / ARUF49-00*-1* / ARUF36421A*

IDB		Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature												
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
1434		MBh	34.3	35.5	38.9	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.9	33.1	36.2	-	30.3	31.4	34.4	-	28.1	29.1	31.9	-
		S/T	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.67	0.47	-	0.83	0.70	0.48	-	0.87	0.72	0.50	-	0.87	0.73	0.51	-
		ΔT	17	14	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-
		kW	2.38	2.43	2.50	-	2.56	2.61	2.69	-	2.71	2.77	2.86	-	2.85	2.91	3.00	-	2.96	3.03	3.12	-	3.06	3.13	3.23	-
		Amps	7.7	7.8	8.1	-	8.2	8.4	8.7	-	8.9	9.1	9.4	-	9.5	9.7	10.0	-	10.1	10.3	10.7	-	10.7	10.9	11.3	-
		Hi PR	140	151	160	-	158	170	179	-	179	193	204	-	204	220	232	-	230	247	261	-	254	273	288	-
		Lo PR	63	67	73	-	67	71	77	-	69	74	81	-	73	77	85	-	76	81	89	-	79	84	92	-
70		MBh	33.3	34.5	37.8	-	32.5	33.7	36.9	-	31.7	32.9	36.1	-	31.0	32.1	35.2	-	29.4	30.5	33.4	-	27.3	28.3	31.0	-
		S/T	0.73	0.61	0.42	-	0.75	0.63	0.43	-	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	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	18	15	12	-	16	14	11	-
		kW	2.36	2.41	2.49	-	2.54	2.59	2.67	-	2.69	2.75	2.83	-	2.83	2.89	2.98	-	2.94	3.00	3.10	-	3.04	3.11	3.21	-
		Amps	7.6	7.8	8.0	-	8.2	8.4	8.6	-	8.8	9.0	9.3	-	9.4	9.6	9.9	-	10.0	10.2	10.6	-	10.6	10.8	11.2	-
		Hi PR	139	150	158	-	156	168	177	-	177	191	202	-	202	217	230	-	227	245	258	-	251	270	285	-
		Lo PR	63	66	73	-	66	70	77	-	69	73	80	-	72	77	84	-	76	80	88	-	78	83	91	-
1116		MBh	30.7	31.9	34.9	-	30.0	31.1	34.1	-	29.3	30.4	33.3	-	28.6	29.6	32.5	-	27.2	28.2	30.8	-	25.2	26.1	28.6	-
		S/T	0.70	0.58	0.40	-	0.72	0.61	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.80	0.66	0.46	-	0.80	0.67	0.46	-
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-
		kW	2.31	2.36	2.43	-	2.48	2.53	2.61	-	2.63	2.68	2.77	-	2.76	2.82	2.91	-	2.87	2.93	3.02	-	2.97	3.03	3.13	-
		Amps	7.4	7.6	7.8	-	8.0	8.1	8.4	-	8.6	8.8	9.1	-	9.2	9.4	9.7	-	9.7	10.0	10.3	-	10.3	10.5	10.9	-
		Hi PR	135	145	153	-	151	163	172	-	172	185	196	-	196	211	223	-	220	237	251	-	244	262	277	-
		Lo PR	61	65	70	-	64	68	74	-	67	71	77	-	70	74	81	-	73	78	85	-	76	81	88	-
75		MBh	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.7	33.3	34.2	37.1	39.8	32.4	33.4	36.2	38.8	30.8	31.7	34.4	36.9	28.6	29.4	31.8	34.2
		S/T	0.86	0.77	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	0.98	0.88	0.67	0.43	0.99	0.89	0.67	0.43
		ΔT	19	18	15	10	20	18	15	10	20	18	15	10	20	18	15	10	19	18	15	10	18	17	14	9
		kW	2.40	2.45	2.52	2.60	2.58	2.63	2.71	2.80	2.73	2.79	2.88	2.97	2.87	2.93	3.03	3.12	2.99	3.05	3.15	3.25	3.09	3.16	3.26	3.37
		Amps	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.8	9.6	9.8	10.1	10.5	10.2	10.4	10.8	11.2	10.8	11.0	11.4	11.8
		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	72	78	83	70	74	81	87	74	78	85	91	77	82	90	95	80	85	93	99
		MBh	33.9	34.9	37.7	40.5	33.1	34.1	36.9	39.6	32.3	33.2	36.0	38.6	31.5	32.4	35.1	37.7	29.9	30.8	33.3	35.8	27.7	28.5	30.9	33.2
		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	20	19	15	10	20	19	15	11	20	19	15	11	21	19	15	11	20	19	15	11	19	17	14	10
		kW	2.38	2.43	2.50	2.58	2.56	2.61	2.69	2.78	2.71	2.77	2.86	2.95	2.85	2.91	3.00	3.10	2.96	3.03	3.13	3.23	3.06	3.13	3.23	3.34
		Amps	7.7	7.8	8.1	8.4	8.2	8.4	8.7	9.0	8.9	9.1	9.4	9.8	9.5	9.7	10.0	10.4	10.1	10.3	10.7	11.1	10.7	10.9	11.3	11.7
		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	83	69	74	81	86	73	77	85	90	76	81	89	94	79	84	92	98
		MBh	31.3	32.2	34.8	37.4	30.5	31.4	34.0	36.5	29.8	30.7	33.2	35.6	29.1	29.9	32.4	34.8	27.6	28.4	30.8	33.0	25.6	26.3	28.5	30.6
		S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.91	0.81	0.61	0.39	0.91	0.82	0.62	0.40
		ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	15	10
		kW	2.33	2.38	2.45	2.52	2.50	2.55	2.63	2.71	2.65	2.70	2.79	2.88	2.78	2.84	2.93	3.02	2.89	2.95	3.05	3.15	2.99	3.05	3.15	3.26
		Amps	7.5	7.6	7.9	8.1	8.0	8.2	8.5	8.8	8.7	8.9	9.2	9.5	9.3	9.5	9.8	10.1	9.8	10.1	10.4	10.8	10.4	10.6	11.0	11.4
		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	72	78	83	71	75	82	87	74	79	86	92	77	81	89	95

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp. +fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130363A* / ARUF49-00*-1* / ARUF36421A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	35.5	36.3	38.8	41.4	34.7	35.4	37.9	40.5	33.8	34.6	37.0	39.5	33.0	33.7	36.1	38.5	31.4	32.1	34.2	36.6	29.1	29.7	31.7	33.9
	S/T	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	1.00	0.79	0.59	1.00	1.00	0.82	0.62	1.00	1.00	0.83	0.62
	ΔT	22	21	18	14	22	21	18	15	21	22	18	15	21	22	18	15	20	21	18	14	19	19	17	13
	kW	2.42	2.47	2.54	2.62	2.60	2.65	2.73	2.82	2.76	2.81	2.90	3.00	2.89	2.96	3.05	3.15	3.01	3.08	3.18	3.28	3.12	3.18	3.29	3.39
	Amps	7.8	8.0	8.2	8.5	8.4	8.6	8.8	9.2	9.1	9.3	9.6	9.9	9.7	9.9	10.2	10.6	10.3	10.5	10.9	11.3	10.9	11.1	11.5	11.9
	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	69	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	81	86	94	100
	MBh	34.5	35.2	37.6	40.2	33.7	34.4	36.8	39.3	32.9	33.6	35.9	38.4	32.1	32.8	35.0	37.4	30.5	31.1	33.3	35.5	28.2	28.8	30.8	32.9
	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	22	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	22	22	19	15	20	20	18	14
kW	2.40	2.45	2.52	2.60	2.58	2.63	2.71	2.80	2.73	2.79	2.88	2.97	2.87	2.93	3.03	3.12	2.99	3.05	3.15	3.25	3.09	3.16	3.26	3.37	
Amps	7.7	7.9	8.1	8.4	8.3	8.5	8.8	9.1	9.0	9.2	9.5	9.8	9.6	9.8	10.1	10.5	10.2	10.4	10.8	11.2	10.8	11.0	11.4	11.8	
Hi PR	142	153	161	168	159	171	181	189	181	195	206	215	206	222	234	244	232	250	264	275	256	276	291	304	
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	
MBh	31.8	32.5	34.7	37.1	31.1	31.7	33.9	36.3	30.3	31.0	33.1	35.4	29.6	30.2	32.3	34.5	28.1	28.7	30.7	32.8	26.0	26.6	28.4	30.4	
S/T	0.87	0.82	0.67	0.50	0.90	0.85	0.69	0.52	0.93	0.87	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57	
ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	16	23	22	19	15	21	21	18	14	
kW	2.35	2.39	2.47	2.54	2.52	2.57	2.65	2.73	2.67	2.73	2.81	2.90	2.80	2.86	2.95	3.05	2.92	2.98	3.07	3.17	3.01	3.08	3.18	3.28	
Amps	7.5	7.7	7.9	8.2	8.1	8.3	8.5	8.8	8.8	9.0	9.2	9.6	9.3	9.6	9.9	10.2	9.9	10.1	10.5	10.9	10.5	10.7	11.1	11.5	
Hi PR	138	148	156	163	154	166	175	183	176	189	199	208	200	215	227	237	225	242	256	267	249	267	282	295	
Lo PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96	

85	MBh	36.1	36.8	38.6	41.1	35.3	36.0	37.7	40.2	34.4	35.1	36.8	39.2	33.6	34.2	35.9	38.3	31.9	32.5	34.1	36.4	29.6	30.1	31.6	33.7
	S/T	0.99	0.96	0.87	0.70	1.00	0.99	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	0.99	0.81
	ΔT	23	23	21	19	23	23	22	19	22	23	22	19	22	22	22	19	20	21	22	19	19	19	20	17
	kW	2.44	2.49	2.56	2.64	2.62	2.67	2.76	2.84	2.78	2.84	2.93	3.02	2.92	2.98	3.08	3.18	3.04	3.10	3.20	3.31	3.14	3.21	3.31	3.42
	Amps	7.9	8.0	8.3	8.6	8.5	8.7	8.9	9.2	9.2	9.4	9.7	10.0	9.8	10.0	10.3	10.7	10.4	10.6	11.0	11.4	11.0	11.2	11.6	12.0
	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	76	80	69	73	80	85	71	76	83	88	75	80	87	93	79	84	91	97	81	87	94	101
	MBh	35.1	35.7	37.4	39.9	34.3	34.9	36.6	39.0	33.4	34.1	35.7	38.1	32.6	33.3	34.8	37.2	31.0	31.6	33.1	35.3	28.7	29.3	30.6	32.7
	S/T	0.95	0.91	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	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
	ΔT	24	24	22	19	24	24	23	20	24	24	23	20	24	24	23	20	24	24	23	20	22	21	21	18
kW	2.42	2.47	2.54	2.62	2.60	2.65	2.73	2.82	2.76	2.81	2.90	3.00	2.89	2.96	3.05	3.15	3.01	3.08	3.18	3.28	3.12	3.18	3.29	3.39	
Amps	7.8	8.0	8.2	8.5	8.4	8.6	8.8	9.2	9.1	9.3	9.6	9.9	9.7	9.9	10.2	10.6	10.3	10.5	10.9	11.3	10.9	11.1	11.5	11.9	
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	69	75	80	68	72	79	84	71	75	82	87	74	79	86	92	78	83	90	96	81	86	94	100	
MBh	32.4	33.0	34.6	36.9	31.6	32.2	33.8	36.0	30.9	31.5	32.9	35.1	30.1	30.7	32.1	34.3	28.6	29.2	30.5	32.6	26.5	27.0	28.3	30.2	
S/T	0.91	0.88	0.80	0.65	0.95	0.91	0.82	0.67	0.97	0.94	0.85	0.69	1.00	0.97	0.87	0.71	1.00	1.00	0.91	0.74	1.00	1.00	0.91	0.74	
ΔT	24	24	23	20	25	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	22	22	21	18	
kW	2.36	2.41	2.48	2.56	2.54	2.59	2.67	2.75	2.69	2.75	2.83	2.92	2.83	2.89	2.98	3.07	2.94	3.00	3.10	3.20	3.04	3.10	3.20	3.31	
Amps	7.6	7.8	8.0	8.3	8.2	8.4	8.6	8.9	8.8	9.0	9.3	9.7	9.4	9.6	9.9	10.3	10.0	10.2	10.6	11.0	10.6	10.8	11.2	11.6	
Hi PR	139	150	158	165	156	168	177	185	177	191	201	210	202	217	229	239	227	244	258	269	251	270	285	298	
Lo PR	62	66	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	80	88	93	78	83	91	97	

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp. +fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130421A* / ARUF49-00*-1* / ARUF36421A*

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	MBh	39.2	40.6	44.5	-	38.3	39.7	43.5	-	37.4	38.7	42.4	-	36.5	37.8	41.4	-	34.6	35.9	39.3	-	32.1	33.3	36.4	-
	S/T	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.81	0.68	0.47	-	0.84	0.70	0.49	-	0.87	0.73	0.50	-	0.88	0.73	0.51	-
	ΔT	16	14	11	-	17	14	11	-	17	14	11	-	17	14	11	-	16	14	11	-	15	13	10	-
	kW	2.84	2.90	2.98	-	3.05	3.11	3.20	-	3.22	3.29	3.39	-	3.38	3.45	3.56	-	3.51	3.59	3.70	-	3.63	3.70	3.82	-
	Amps	10.6	10.8	11.2	-	11.4	11.7	12.1	-	12.4	12.7	13.1	-	13.2	13.6	14.0	-	14.1	14.4	14.9	-	14.9	15.3	15.8	-
	Hi PR	137	148	156	-	154	166	175	-	175	188	199	-	199	215	227	-	224	241	255	-	248	267	282	-
Lo PR	60	64	70	-	64	68	74	-	66	70	77	-	70	74	81	-	73	78	85	-	75	80	88	-	
1500	MBh	38.1	39.4	43.2	-	37.2	38.5	42.2	-	36.3	37.6	41.2	-	35.4	36.7	40.2	-	33.6	34.9	38.2	-	31.2	32.3	35.4	-
	S/T	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.84	0.70	0.49	-
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	11	-
	kW	2.82	2.88	2.96	-	3.02	3.08	3.17	-	3.20	3.26	3.36	-	3.35	3.42	3.53	-	3.49	3.56	3.67	-	3.60	3.68	3.79	-
	Amps	10.5	10.7	11.1	-	11.3	11.6	11.9	-	12.3	12.6	13.0	-	13.1	13.4	13.9	-	13.9	14.3	14.8	-	14.8	15.1	15.6	-
	Hi PR	136	146	154	-	152	164	173	-	173	187	197	-	197	212	224	-	222	239	252	-	245	264	279	-
Lo PR	60	63	69	-	63	67	73	-	66	70	76	-	69	73	80	-	72	77	84	-	75	79	87	-	
1313	MBh	35.1	36.4	39.9	-	34.3	35.6	39.0	-	33.5	34.7	38.0	-	32.7	33.9	37.1	-	31.0	32.2	35.2	-	28.8	29.8	32.7	-
	S/T	0.70	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	0.46	-	0.81	0.68	0.47	-
	ΔT	17	15	11	-	18	15	12	-	18	15	12	-	18	15	12	-	17	15	11	-	16	14	11	-
	kW	2.76	2.82	2.90	-	2.96	3.01	3.10	-	3.13	3.19	3.28	-	3.28	3.34	3.45	-	3.40	3.47	3.58	-	3.51	3.59	3.70	-
	Amps	10.2	10.4	10.8	-	11.0	11.3	11.6	-	11.9	12.2	12.6	-	12.7	13.1	13.5	-	13.6	13.9	14.4	-	14.4	14.7	15.2	-
	Hi PR	132	142	150	-	148	159	168	-	168	181	191	-	191	206	218	-	215	232	245	-	238	256	270	-
Lo PR	58	62	67	-	61	65	71	-	64	68	74	-	67	71	78	-	70	74	81	-	72	77	84	-	

1688	MBh	39.9	41.0	44.4	47.7	38.9	40.1	43.4	46.6	38.0	39.1	42.4	45.5	37.1	38.2	41.3	44.4	35.2	36.3	39.3	42.1	32.6	33.6	36.4	39.0
	S/T	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.93	0.83	0.63	0.40	0.95	0.85	0.65	0.42	0.99	0.89	0.67	0.43	1.00	0.89	0.68	0.44
	ΔT	19	17	14	10	19	18	14	10	19	18	14	10	19	18	15	10	19	18	14	10	18	16	13	9
	kW	2.87	2.92	3.01	3.10	3.07	3.13	3.22	3.32	3.25	3.31	3.41	3.52	3.41	3.48	3.58	3.70	3.54	3.62	3.73	3.85	3.66	3.73	3.85	3.97
	Amps	10.7	10.9	11.3	11.7	11.5	11.8	12.2	12.6	12.5	12.8	13.2	13.7	13.4	13.7	14.1	14.7	14.2	14.6	15.0	15.6	15.1	15.4	15.9	16.5
	Hi PR	139	149	157	164	155	167	177	184	177	190	201	210	201	217	229	239	227	244	257	269	250	269	285	297
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	
75	MBh	38.7	39.8	43.1	46.3	37.8	38.9	42.1	45.2	36.9	38.0	41.1	44.1	36.0	37.1	40.1	43.1	34.2	35.2	38.1	40.9	31.7	32.6	35.3	37.9
	S/T	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.88	0.79	0.60	0.38	0.91	0.81	0.62	0.40	0.95	0.85	0.64	0.41	0.95	0.85	0.65	0.42
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	19	15	10	20	18	15	10	19	17	14	10
	kW	2.84	2.90	2.98	3.07	3.05	3.11	3.20	3.30	3.22	3.29	3.39	3.49	3.38	3.45	3.56	3.67	3.51	3.59	3.70	3.82	3.63	3.70	3.82	3.94
	Amps	10.6	10.8	11.2	11.6	11.4	11.7	12.1	12.5	12.4	12.7	13.1	13.6	13.2	13.6	14.0	14.5	14.1	14.4	14.9	15.5	14.9	15.3	15.8	16.4
	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	60	64	70	75	64	68	74	79	66	70	77	82	70	74	81	86	73	78	85	90	75	80	88	93	
1313	MBh	35.7	36.8	39.8	42.7	34.9	35.9	38.9	41.7	34.1	35.1	38.0	40.7	33.2	34.2	37.0	39.7	31.6	32.5	35.2	37.8	29.2	30.1	32.6	35.0
	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	0.59	0.38	0.91	0.82	0.62	0.40	0.92	0.82	0.62	0.40
	ΔT	20	18	15	10	20	19	15	11	20	19	15	11	20	19	15	11	20	19	15	10	19	17	14	10
	kW	2.78	2.84	2.92	3.00	2.98	3.04	3.13	3.22	3.15	3.21	3.31	3.41	3.30	3.37	3.47	3.58	3.43	3.50	3.61	3.72	3.54	3.62	3.73	3.85
	Amps	10.3	10.5	10.9	11.3	11.1	11.4	11.7	12.2	12.0	12.3	12.7	13.2	12.9	13.2	13.6	14.1	13.7	14.0	14.5	15.0	14.5	14.9	15.4	15.9
	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	58	62	68	72	62	66	72	76	64	68	75	79	67	72	78	83	71	75	82	87	73	78	85	90	

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130421A* / ARUF49-00*-1* / ARUF36421A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		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	1688	MBh	40.6	41.5	44.3	47.3	39.6	40.5	43.3	46.2	38.7	39.5	42.2	45.1	37.7	38.6	41.2	44.0	35.9	36.6	39.1	41.8	33.2	33.9	36.3	38.8
		S/T	0.95	0.90	0.73	0.54	1.00	0.93	0.76	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	0.84	0.63
	ΔT	21	20	18	14	22	20	18	14	21	21	18	14	21	21	18	14	20	20	18	14	18	18	17	13	
	kW	2.89	2.94	3.03	3.12	3.09	3.15	3.25	3.35	3.27	3.34	3.44	3.55	3.43	3.50	3.61	3.73	3.57	3.64	3.76	3.88	3.69	3.76	3.88	4.01	
	Amps	10.7	11.0	11.4	11.8	11.6	11.9	12.3	12.7	12.6	12.9	13.3	13.8	13.5	13.8	14.3	14.8	14.3	14.7	15.2	15.8	15.2	15.6	16.1	16.7	
	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	62	65	71	76	65	69	75	80	68	72	78	84	71	75	82	88	74	79	86	92	77	82	89	95	
	1500	MBh	39.4	40.2	43.0	46.0	38.5	39.3	42.0	44.9	37.6	38.4	41.0	43.8	36.6	37.4	40.0	42.8	34.8	35.6	38.0	40.6	32.2	32.9	35.2	37.6
		S/T	0.91	0.85	0.70	0.52	0.94	0.89	0.72	0.54	0.97	0.91	0.74	0.55	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	0.98	0.80	0.60
	1313	MBh	36.4	37.1	39.7	42.4	35.5	36.3	38.8	41.4	34.7	35.4	37.8	40.5	33.8	34.6	36.9	39.5	32.1	32.8	35.1	37.5	29.8	30.4	32.5	34.7
S/T		0.88	0.82	0.67	0.50	0.91	0.85	0.69	0.52	0.93	0.88	0.71	0.53	0.96	0.90	0.74	0.55	1.00	0.94	0.76	0.57	1.01	0.95	0.77	0.58	

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
85	1688	MBh	41.3	42.1	44.1	47.0	40.3	41.1	43.0	45.9	39.4	40.1	42.0	44.8	38.4	39.1	41.0	43.7	36.5	37.2	38.9	41.5	33.8	34.4	36.1	38.5
		S/T	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.93	0.75	1.00	1.00	0.96	0.78	1.00	1.00	0.99	0.81	1.00	1.00	1.00	0.81
	ΔT	22	22	21	18	22	22	21	18	21	21	21	18	21	21	21	18	20	20	20	18	18	18	19	17	
	kW	2.91	2.96	3.05	3.14	3.12	3.18	3.27	3.37	3.30	3.37	3.47	3.58	3.46	3.53	3.64	3.76	3.60	3.67	3.79	3.91	3.72	3.79	3.91	4.04	
	Amps	10.8	11.1	11.5	11.9	11.7	12.0	12.4	12.9	12.7	13.0	13.5	14.0	13.6	13.9	14.4	14.9	14.5	14.8	15.3	15.9	15.3	15.7	16.2	16.9	
	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	62	66	72	77	66	70	76	81	68	73	79	84	72	76	83	89	75	80	87	93	78	83	90	96	
	1500	MBh	40.1	40.9	42.8	45.6	39.1	39.9	41.8	44.6	38.2	39.0	40.8	43.5	37.3	38.0	39.8	42.5	35.4	36.1	37.8	40.3	32.8	33.4	35.0	37.4
		S/T	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.98	0.88	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.95	0.77	1.00	1.00	0.95	0.77
	1313	MBh	37.0	37.7	39.5	42.1	36.1	36.8	38.6	41.2	35.3	36.0	37.7	40.2	34.4	35.1	36.7	39.2	32.7	33.3	34.9	37.2	30.3	30.9	32.3	34.5
S/T		0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.98	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	0.75	

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130481A* / ARUF61-00*-1* / ARUF48601A*

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
1800	MBh	44.1	45.7	50.1	-	43.1	44.6	48.9	-	42.0	43.6	47.7	-	41.0	42.5	46.6	-	39.0	40.4	44.3	-	36.1	37.4	41.0	-	
	S/T	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.81	0.67	0.47	-	0.83	0.70	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	11	-	
	kW	3.22	3.28	3.37	-	3.44	3.51	3.61	-	3.64	3.71	3.82	-	3.81	3.89	4.01	-	3.96	4.04	4.17	-	4.09	4.17	4.30	-	
	Amps	12.1	12.4	12.8	-	13.0	13.4	13.8	-	14.2	14.5	15.0	-	15.1	15.5	16.0	-	16.1	16.5	17.0	-	17.1	17.5	18.1	-	
	Hi PR	142	153	161	-	159	172	181	-	181	195	206	-	207	222	235	-	232	250	264	-	257	276	292	-	
	Lo PR	64	68	74	-	67	72	78	-	70	75	81	-	74	78	86	-	77	82	90	-	80	85	93	-	
	70	MBh	42.8	44.4	48.6	-	41.8	43.3	47.5	-	40.8	42.3	46.4	-	39.8	41.3	45.2	-	37.8	39.2	43.0	-	35.0	36.3	39.8	-
		S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
		ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	14	11	-
kW		3.20	3.26	3.35	-	3.42	3.48	3.58	-	3.61	3.68	3.79	-	3.78	3.86	3.98	-	3.93	4.01	4.13	-	4.06	4.14	4.27	-	
Amps		12.0	12.3	12.7	-	12.9	13.2	13.7	-	14.0	14.4	14.8	-	15.0	15.4	15.9	-	16.0	16.3	16.9	-	16.9	17.3	17.9	-	
Hi PR		141	151	160	-	158	170	179	-	180	193	204	-	205	220	232	-	230	248	261	-	254	274	289	-	
Lo PR		63	67	73	-	67	71	78	-	69	74	81	-	73	78	85	-	76	81	89	-	79	84	92	-	
1400		MBh	39.5	41.0	44.9	-	38.6	40.0	43.8	-	37.7	39.1	42.8	-	36.8	38.1	41.7	-	34.9	36.2	39.7	-	32.3	33.5	36.7	-
		S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	kW	3.13	3.19	3.28	-	3.34	3.41	3.50	-	3.53	3.60	3.71	-	3.70	3.77	3.89	-	3.84	3.92	4.04	-	3.96	4.04	4.17	-	
	Amps	11.7	11.9	12.3	-	12.6	12.9	13.3	-	13.7	14.0	14.4	-	14.6	14.9	15.4	-	15.5	15.9	16.4	-	16.4	16.8	17.4	-	
	Hi PR	136	147	155	-	153	165	174	-	174	187	198	-	198	213	225	-	223	240	254	-	247	265	280	-	
	Lo PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-	

1800	MBh	44.8	46.2	50.0	53.6	43.8	45.1	48.8	52.4	42.8	44.0	47.7	51.1	41.7	42.9	46.5	49.9	39.6	40.8	44.2	47.4	36.7	37.8	40.9	43.9	
	S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.89	0.67	0.43	
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	19	15	11	20	18	15	10	19	17	14	10	
	kW	3.24	3.30	3.40	3.50	3.47	3.54	3.64	3.75	3.67	3.74	3.85	3.97	3.84	3.92	4.04	4.16	3.99	4.07	4.20	4.33	4.12	4.21	4.34	4.47	
	Amps	12.2	12.5	12.9	13.4	13.2	13.5	13.9	14.4	14.3	14.6	15.1	15.7	15.3	15.6	16.2	16.8	16.2	16.6	17.2	17.9	17.2	17.6	18.2	18.9	
	Hi PR	144	154	163	170	161	173	183	191	183	197	208	217	209	225	237	247	235	253	267	278	259	279	295	307	
	Lo PR	65	69	75	80	68	73	79	84	71	75	82	88	74	79	86	92	78	83	91	96	81	86	94	100	
	75	MBh	43.5	44.8	48.5	52.1	42.5	43.8	47.4	50.9	41.5	42.7	46.3	49.7	40.5	41.7	45.1	48.4	38.5	39.6	42.9	46.0	35.6	36.7	39.7	42.6
		S/T	0.82	0.74	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	0.94	0.84	0.63	0.41	0.94	0.84	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		3.22	3.28	3.37	3.47	3.44	3.51	3.61	3.72	3.64	3.71	3.82	3.94	3.81	3.89	4.01	4.13	3.96	4.04	4.17	4.30	4.09	4.17	4.30	4.44	
Amps		12.1	12.4	12.8	13.2	13.0	13.4	13.8	14.3	14.2	14.5	15.0	15.5	15.1	15.5	16.0	16.6	16.1	16.5	17.0	17.7	17.1	17.5	18.1	18.7	
Hi PR		142	153	162	168	159	172	181	189	181	195	206	215	207	222	235	245	232	250	264	275	257	276	292	304	
Lo PR		64	68	74	79	68	72	78	83	70	75	81	87	74	78	86	91	77	82	90	96	80	85	93	99	
1400		MBh	40.2	41.4	44.8	48.1	39.3	40.4	43.7	46.9	38.3	39.5	42.7	45.8	37.4	38.5	41.7	44.7	35.5	36.6	39.6	42.5	32.9	33.9	36.7	39.3
		S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40
		ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	kW	3.15	3.21	3.30	3.40	3.37	3.43	3.53	3.64	3.56	3.63	3.74	3.85	3.73	3.80	3.92	4.04	3.87	3.95	4.07	4.20	3.99	4.08	4.20	4.33	
	Amps	11.8	12.0	12.4	12.9	12.7	13.0	13.4	13.9	13.8	14.1	14.6	15.1	14.7	15.1	15.6	16.2	15.7	16.0	16.6	17.2	16.6	17.0	17.6	18.2	
	Hi PR	138	148	157	163	155	166	176	183	176	189	200	209	200	216	228	238	225	243	256	267	249	268	283	295	
	Lo PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96	

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130481A* / ARUF61-00*-1* / ARUF48601A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
1800	MBh	45.6	46.6	49.8	53.3	44.6	45.6	48.7	52.0	43.5	44.5	47.5	50.8	42.5	43.4	46.4	49.5	40.3	41.2	44.0	47.1	37.4	38.2	40.8	43.6
	S/T	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	1.00	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	23	21	19	15	22	22	19	15	22	22	19	15	21	21	18	15	19	19	17	14
	kW	3.27	3.33	3.42	3.52	3.49	3.56	3.67	3.78	3.69	3.77	3.88	4.00	3.87	3.95	4.07	4.20	4.02	4.11	4.23	4.37	4.15	4.24	4.37	4.51
	Amps	12.3	12.6	13.0	13.5	13.3	13.6	14.0	14.6	14.4	14.8	15.3	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	145	156	165	172	163	175	185	193	185	199	210	219	211	227	240	250	237	255	269	281	262	282	298	311
	Lo PR	65	69	76	81	69	73	80	85	72	76	83	89	75	80	87	93	79	84	92	97	81	87	95	101
	MBh	44.3	45.3	48.4	51.7	43.3	44.2	47.3	50.5	42.3	43.2	46.1	49.3	41.2	42.1	45.0	48.1	39.2	40.0	42.8	45.7	36.3	37.1	39.6	42.3
	S/T	0.90	0.85	0.69	0.51	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59
	ΔT	23	22	19	15	23	22	19	15	23	22	19	16	23	22	20	16	23	22	19	15	21	21	18	14
	kW	3.24	3.30	3.40	3.50	3.47	3.54	3.64	3.75	3.67	3.74	3.85	3.97	3.84	3.92	4.04	4.17	3.99	4.07	4.20	4.33	4.12	4.21	4.34	4.47
	Amps	12.2	12.5	12.9	13.4	13.2	13.5	13.9	14.4	14.3	14.6	15.1	15.7	15.3	15.6	16.2	16.8	16.3	16.6	17.2	17.9	17.2	17.6	18.2	18.9
Hi PR	144	155	163	170	161	173	183	191	183	197	208	217	209	225	237	247	235	253	267	278	259	279	295	307	
Lo PR	65	69	75	80	68	73	79	84	71	75	82	88	74	79	86	92	78	83	91	96	81	86	94	100	
MBh	40.9	41.8	44.7	47.7	39.9	40.8	43.6	46.6	39.0	39.8	42.6	45.5	38.0	38.9	41.5	44.4	36.1	36.9	39.5	42.2	33.5	34.2	36.6	39.1	
S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57	
ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15	
kW	3.17	3.23	3.32	3.42	3.39	3.46	3.56	3.66	3.58	3.66	3.76	3.88	3.75	3.83	3.95	4.07	3.90	3.98	4.10	4.23	4.03	4.11	4.23	4.37	
Amps	11.9	12.1	12.5	13.0	12.8	13.1	13.5	14.0	13.9	14.2	14.7	15.3	14.9	15.2	15.7	16.3	15.8	16.2	16.7	17.4	16.7	17.1	17.7	18.4	
Hi PR	139	150	158	165	156	168	178	185	178	191	202	211	202	218	230	240	228	245	259	270	252	271	286	298	
Lo PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97	
MBh	46.4	47.3	49.6	52.9	45.4	46.2	48.4	51.7	44.3	45.1	47.3	50.4	43.2	44.0	46.1	49.2	41.0	41.8	43.8	46.7	38.0	38.8	40.6	43.3	
S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.90	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	24	23	22	19	23	23	22	19	22	22	22	19	22	22	22	19	21	21	22	19	19	20	21	18	
kW	3.29	3.35	3.45	3.55	3.52	3.59	3.69	3.81	3.72	3.80	3.91	4.03	3.90	3.98	4.10	4.23	4.05	4.14	4.27	4.40	4.19	4.27	4.41	4.55	
Amps	12.4	12.7	13.1	13.6	13.4	13.7	14.2	14.7	14.6	14.9	15.4	16.0	15.6	15.9	16.5	17.1	16.6	17.0	17.5	18.2	17.5	18.0	18.6	19.3	
Hi PR	146	158	166	174	164	177	187	195	187	201	212	222	213	229	242	252	239	258	272	284	265	285	301	314	
Lo PR	66	70	76	81	70	74	81	86	76	80	87	92	76	81	88	94	80	85	92	98	82	88	96	102	
MBh	45.1	46.0	48.1	51.4	44.0	44.9	47.0	50.2	43.0	43.8	45.9	49.0	41.9	42.8	44.8	47.8	39.8	40.6	42.5	45.4	36.9	37.6	39.4	42.0	
S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77	
ΔT	25	24	23	20	25	24	23	20	24	25	24	23	24	25	23	20	23	23	23	20	21	22	21	19	
kW	3.27	3.33	3.42	3.52	3.49	3.56	3.67	3.78	3.69	3.77	3.88	4.00	3.87	3.95	4.07	4.20	4.02	4.11	4.23	4.37	4.15	4.24	4.37	4.51	
Amps	12.3	12.6	13.0	13.5	13.3	13.6	14.0	14.6	14.4	14.8	15.3	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	145	156	165	172	163	175	185	193	185	199	210	219	211	227	240	250	237	255	269	281	262	282	298	311	
Lo PR	65	69	76	81	69	73	80	85	72	76	83	89	75	80	87	93	79	84	92	97	81	87	95	101	
MBh	41.6	42.4	44.4	47.4	40.6	41.4	43.4	46.3	39.7	40.4	42.4	45.2	38.7	39.5	41.3	44.1	36.8	37.5	39.3	41.9	34.1	34.7	36.4	38.8	
S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.68	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74	
ΔT	25	25	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	25	23	20	22	23	22	19	
kW	3.19	3.26	3.35	3.45	3.42	3.48	3.58	3.69	3.61	3.68	3.79	3.91	3.78	3.86	3.98	4.10	3.93	4.01	4.13	4.26	4.06	4.14	4.27	4.40	
Amps	12.0	12.3	12.6	13.1	12.9	13.2	13.7	14.2	14.0	14.4	14.8	15.4	15.0	15.4	15.9	16.5	15.9	16.3	16.9	17.5	16.9	17.3	17.9	18.6	
Hi PR	141	151	160	167	158	170	179	187	180	193	204	213	204	220	232	242	230	248	261	273	254	273	289	301	
Lo PR	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	95	79	84	92	98	

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130483A* / ARUF61-00*-1* / ARUF48601A*

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F												
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71									
70	MBh	44.1	45.7	50.1	-	43.1	44.6	48.9	-	42.0	43.6	47.7	-	41.0	42.5	46.6	-	39.0	40.4	44.3	-	36.1	37.4	41.0	-	
	S/T	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.81	0.67	0.47	-	0.83	0.70	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	11	-	
	1800	KW	3.10	3.17	3.27	-	3.34	3.41	3.52	-	3.55	3.62	3.74	-	3.73	3.81	3.93	-	3.88	3.97	4.10	-	4.02	4.11	4.24	-
	Amps	10.0	10.2	10.5	-	10.8	11.0	11.4	-	11.7	11.9	12.3	-	12.4	12.7	13.2	-	13.2	13.5	14.0	-	14.0	14.3	14.8	-	
	Hi PR	145	156	165	-	163	175	185	-	185	199	211	-	211	227	240	-	237	256	270	-	262	282	298	-	
	Lo PR	62	66	72	-	65	70	76	-	68	72	79	-	71	76	83	-	75	80	87	-	77	82	90	-	
	MBh	42.8	44.4	48.6	-	41.8	43.3	47.5	-	40.8	42.3	46.4	-	39.8	41.3	45.2	-	37.8	39.2	43.0	-	35.0	36.3	39.8	-	
	S/T	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-	
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	14	11	-	
KW	3.08	3.14	3.24	-	3.31	3.38	3.49	-	3.52	3.59	3.71	-	3.70	3.78	3.90	-	3.85	3.94	4.07	-	3.99	4.07	4.21	-		
Amps	9.9	10.1	10.5	-	10.7	10.9	11.3	-	11.6	11.8	12.2	-	12.3	12.6	13.0	-	13.1	13.4	13.9	-	13.9	14.2	14.7	-		
Hi PR	144	155	163	-	161	174	183	-	184	197	209	-	209	225	238	-	235	253	267	-	260	280	295	-		
Lo PR	61	65	71	-	65	69	75	-	67	72	78	-	71	75	82	-	74	79	86	-	77	82	89	-		
MBh	39.5	41.0	44.9	-	38.6	40.0	43.8	-	37.7	39.1	42.8	-	36.8	38.1	41.7	-	34.9	36.2	39.7	-	32.3	33.5	36.7	-		
S/T	0.70	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.77	0.64	0.44	-	0.79	0.66	0.46	-	0.80	0.67	0.46	-		
ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-		
KW	3.01	3.07	3.16	-	3.23	3.30	3.40	-	3.43	3.51	3.62	-	3.61	3.69	3.81	-	3.76	3.84	3.97	-	3.89	3.97	4.10	-		
Amps	9.6	9.9	10.2	-	10.4	10.6	11.0	-	11.3	11.5	11.9	-	12.0	12.3	12.7	-	12.8	13.1	13.5	-	13.5	13.8	14.3	-		
Hi PR	139	150	159	-	157	168	178	-	178	192	202	-	203	218	230	-	228	245	259	-	252	271	286	-		
Lo PR	60	63	69	-	63	67	73	-	65	70	76	-	69	73	80	-	72	77	84	-	74	79	86	-		

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F												
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71									
75	MBh	44.8	46.2	50.0	53.6	43.8	45.1	48.8	52.4	42.8	44.0	47.7	51.1	41.7	42.9	46.5	49.9	39.6	40.8	44.2	47.4	36.7	37.8	40.9	43.9	
	S/T	0.86	0.77	0.58	0.38	0.89	0.80	0.61	0.39	0.92	0.82	0.62	0.40	0.95	0.85	0.64	0.41	0.98	0.88	0.66	0.43	0.99	0.89	0.67	0.43	
	ΔT	20	18	15	10	20	18	15	10	20	18	15	10	20	19	15	11	20	18	15	10	19	17	14	10	
	1800	KW	3.13	3.19	3.29	3.40	3.37	3.44	3.55	3.66	3.58	3.65	3.77	3.89	3.76	3.84	3.97	4.10	3.92	4.00	4.14	4.27	4.05	4.14	4.28	4.43
	Amps	10.1	10.3	10.6	11.0	10.9	11.1	11.5	11.9	11.8	12.1	12.4	12.9	12.6	12.9	13.3	13.8	13.3	13.7	14.1	14.6	14.1	14.5	14.9	15.5	
	Hi PR	147	158	167	174	165	177	187	195	187	201	213	222	213	229	242	253	240	258	273	284	265	285	301	314	
	Lo PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97	
	MBh	43.5	44.8	48.5	52.1	42.5	43.8	47.4	50.9	41.5	42.7	46.3	49.7	40.5	41.7	45.1	48.4	38.5	39.6	42.9	46.0	35.6	36.7	39.7	42.6	
	S/T	0.82	0.74	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	0.94	0.84	0.63	0.41	0.94	0.84	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	
1600	KW	3.10	3.17	3.27	3.37	3.34	3.41	3.52	3.63	3.55	3.62	3.74	3.86	3.73	3.81	3.94	4.07	3.89	3.97	4.10	4.24	4.02	4.11	4.25	4.39	
Amps	10.0	10.2	10.5	10.9	10.8	11.0	11.4	11.8	11.7	11.9	12.3	12.8	12.5	12.7	13.2	13.6	13.2	13.5	14.0	14.5	14.0	14.3	14.8	15.4		
Hi PR	145	156	165	172	163	175	185	193	185	199	211	220	211	227	240	250	238	256	270	282	262	282	298	311		
Lo PR	62	66	72	77	65	70	76	81	68	72	79	84	71	76	83	88	75	80	87	93	77	82	90	96		
MBh	40.2	41.4	44.8	48.1	39.3	40.4	43.7	46.9	38.3	39.5	42.7	45.8	37.4	38.5	41.7	44.7	35.5	36.6	39.6	42.5	32.9	33.9	36.7	39.3		
S/T	0.79	0.71	0.54	0.35	0.82	0.74	0.56	0.36	0.84	0.75	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.81	0.61	0.39	0.91	0.81	0.62	0.40		
ΔT	21	19	16	11	21	20	16	11	21	20	16	11	21	20	16	11	21	19	16	11	20	18	15	10		
1400	KW	3.03	3.09	3.19	3.29	3.26	3.33	3.43	3.54	3.46	3.53	3.65	3.77	3.64	3.72	3.84	3.96	3.79	3.87	4.00	4.13	3.92	4.01	4.14	4.28	
Amps	9.7	10.0	10.3	10.6	10.5	10.7	11.1	11.5	11.4	11.6	12.0	12.4	12.1	12.4	12.8	13.3	12.9	13.2	13.6	14.1	13.6	13.9	14.4	14.9		
Hi PR	141	152	160	167	158	170	180	187	180	194	204	213	205	220	233	243	230	248	262	273	255	274	289	302		
Lo PR	60	64	70	74	64	68	74	79	66	70	77	82	69	74	81	86	73	77	84	90	75	80	87	93		

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130483A* / ARUF61-00*-1* / ARUF48601A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	1800	MBh	45.6	46.6	49.8	53.3	44.6	45.6	48.7	52.0	43.5	44.5	47.5	50.8	42.5	43.4	46.4	49.5	40.3	41.2	44.0	47.1	37.4	38.2	40.8	43.6	
		S/T	0.95	0.89	0.72	0.54	1.00	0.92	0.75	0.56	1.00	0.94	0.77	0.57	1.00	1.00	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	23	21	19	15	22	21	19	15	22	22	19	15	21	21	18	15	19	19	17	14	
	1600	KW	3.15	3.22	3.32	3.42	3.39	3.46	3.58	3.69	3.60	3.68	3.80	3.93	3.79	3.87	4.00	4.13	3.95	4.04	4.17	4.31	4.09	4.18	4.32	4.46	
		Amps	10.2	10.4	10.7	11.1	11.0	11.2	11.6	12.0	11.9	12.2	12.6	13.0	12.7	13.0	13.4	13.9	13.5	13.8	14.2	14.8	14.3	14.6	15.1	15.6	
		Hi PR	148	159	168	176	166	179	189	197	189	204	215	224	215	232	245	255	242	261	275	287	268	288	304	317	
	1400	Lo PR	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	95	79	84	92	98	
		MBh	44.3	45.3	48.4	51.7	43.3	44.2	47.3	50.5	42.3	43.2	46.1	49.3	41.2	42.1	45.0	48.1	39.2	40.0	42.8	45.7	36.3	37.1	39.6	42.3	
		S/T	0.90	0.85	0.69	0.51	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	0.99	0.93	0.76	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59	
	85	1800	ΔT	23	22	19	15	23	22	19	15	23	22	19	16	23	22	20	16	23	22	19	15	21	21	18	14
			KW	3.13	3.19	3.29	3.40	3.37	3.44	3.55	3.66	3.58	3.65	3.77	3.89	3.76	3.84	3.97	4.10	3.92	4.00	4.14	4.27	4.05	4.14	4.28	4.43
			Amps	10.1	10.3	10.6	11.0	10.9	11.1	11.5	11.9	11.8	12.1	12.4	12.9	12.6	12.9	13.3	13.8	13.4	13.7	14.1	14.6	14.1	14.5	14.9	15.5
1600		Hi PR	147	158	167	174	165	177	187	195	187	202	213	222	213	230	242	253	240	258	273	284	265	285	301	314	
		Lo PR	63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97	
		MBh	40.9	41.8	44.7	47.7	39.9	40.8	43.6	46.6	39.0	39.8	42.6	45.5	38.0	38.9	41.5	44.4	36.1	36.9	39.5	42.2	33.5	34.2	36.6	39.1	
1400		S/T	0.87	0.82	0.66	0.50	0.90	0.85	0.69	0.51	0.92	0.87	0.71	0.53	0.95	0.90	0.73	0.54	0.99	0.93	0.76	0.57	1.00	0.94	0.76	0.57	
		ΔT	23	22	19	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	22	21	18	15	
		KW	3.05	3.12	3.21	3.32	3.28	3.35	3.46	3.57	3.49	3.56	3.68	3.80	3.67	3.75	3.87	4.00	3.82	3.90	4.03	4.17	3.95	4.04	4.17	4.31	
1800		Amps	9.8	10.0	10.4	10.7	10.6	10.8	11.2	11.6	11.5	11.7	12.1	12.6	12.2	12.5	12.9	13.4	13.0	13.3	13.7	14.2	13.7	14.1	14.5	15.1	
		Hi PR	142	153	162	169	160	172	181	189	182	195	206	215	207	223	235	245	233	250	264	276	257	277	292	305	
		Lo PR	61	65	71	75	64	68	75	79	67	71	77	82	70	75	81	87	73	78	85	91	76	81	88	94	
85	1800	MBh	46.4	47.3	49.6	52.9	45.4	46.2	48.4	51.7	44.3	45.1	47.3	50.4	43.2	44.0	46.1	49.2	41.0	41.8	43.8	46.7	38.0	38.8	40.6	43.3	
		S/T	0.99	0.96	0.86	0.70	1.00	0.99	0.90	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	24	23	22	19	23	23	22	19	23	23	22	19	22	22	22	19	21	21	22	19	19	20	21	18	
	1600	KW	3.18	3.24	3.35	3.45	3.42	3.49	3.60	3.72	3.63	3.71	3.83	3.96	3.82	3.91	4.03	4.17	3.98	4.07	4.21	4.35	4.12	4.21	4.35	4.50	
		Amps	10.3	10.5	10.8	11.2	11.1	11.3	11.7	12.1	12.0	12.3	12.7	13.1	12.8	13.1	13.5	14.0	13.6	13.9	14.4	14.9	14.4	14.7	15.2	15.8	
		Hi PR	150	161	170	177	168	181	191	199	191	206	217	226	218	234	247	258	245	263	278	290	270	291	307	321	
	1400	Lo PR	64	68	74	79	67	72	78	83	70	75	81	87	74	78	86	91	77	82	90	95	80	85	93	99	
		MBh	45.1	46.0	48.1	51.4	44.0	44.9	47.0	50.2	43.0	43.8	45.9	49.0	41.9	42.8	44.8	47.8	39.8	40.6	42.5	45.4	36.9	37.6	39.4	42.0	
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77	
	1800	ΔT	25	24	23	20	25	24	23	20	25	24	23	20	24	25	23	20	23	23	23	20	21	22	21	19	
		KW	3.15	3.22	3.32	3.42	3.39	3.46	3.58	3.69	3.60	3.68	3.80	3.93	3.79	3.87	4.00	4.13	3.95	4.04	4.17	4.31	4.09	4.18	4.32	4.46	
		Amps	10.2	10.4	10.7	11.1	11.0	11.2	11.6	12.0	11.9	12.2	12.6	13.0	12.7	13.0	13.4	13.9	13.5	13.8	14.2	14.8	14.3	14.6	15.1	15.6	
1600	Hi PR	148	159	168	176	166	179	189	197	189	204	215	224	215	232	245	255	242	261	275	287	268	288	304	317		
	Lo PR	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	95	79	84	92	98		
	MBh	41.6	42.4	44.4	47.4	40.6	41.4	43.4	46.3	39.7	40.4	42.4	45.2	38.7	39.5	41.3	44.1	36.8	37.5	39.3	41.9	34.1	34.7	36.4	38.8		
1400	S/T	0.91	0.88	0.79	0.64	0.95	0.91	0.82	0.67	0.97	0.94	0.84	0.68	1.00	0.97	0.87	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.91	0.74		
	ΔT	25	25	23	20	25	25	23	20	25	25	23	20	25	25	24	20	24	25	23	20	22	23	22	19		
	KW	3.08	3.14	3.24	3.34	3.31	3.38	3.49	3.60	3.52	3.59	3.71	3.83	3.70	3.78	3.90	4.03	3.85	3.94	4.07	4.20	3.99	4.07	4.21	4.35		
1800	Amps	9.9	10.1	10.4	10.8	10.7	10.9	11.3	11.7	11.6	11.8	12.2	12.7	12.3	12.6	13.0	13.5	13.1	13.4	13.9	14.4	13.9	14.2	14.7	15.2		
	Hi PR	144	155	163	170	161	174	183	191	183	197	208	217	209	225	237	248	235	253	267	279	260	279	295	308		
	Lo PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95		

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130484A* / ARUF61-00*-1* / ARUF48601A*

		Outdoor Ambient Temperature																											
		65°F				75°F				85°F				95°F				105°F				115°F							
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71				
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
	MBh	44.1	45.7	50.1	-	43.1	44.6	48.9	-	42.0	43.6	47.7	-	41.0	42.5	46.6	-	39.0	40.4	44.3	-	36.1	37.4	41.0	-				
	S/T	0.75	0.63	0.44	-	0.78	0.65	0.45	-	0.80	0.67	0.46	-	0.83	0.69	0.48	-	0.86	0.72	0.50	-	0.86	0.72	0.50	-				
	ΔT	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	17	15	11	-	16	14	10	-				
	kW	3.02	3.10	3.21	-	3.29	3.37	3.49	-	3.52	3.61	3.74	-	3.73	3.83	3.97	-	3.91	4.01	4.16	-	4.06	4.16	4.32	-				
	Amps	2.3	2.4	2.4	-	2.5	2.5	2.6	-	2.6	2.7	2.8	-	2.8	2.9	2.9	-	2.9	3.0	3.1	-	3.1	3.2	3.3	-				
	Hi PR	150	162	171	-	169	182	192	-	192	207	218	-	219	235	249	-	246	265	280	-	272	293	309	-				
	Lo PR	63	67	73	-	66	70	77	-	69	73	80	-	72	77	84	-	76	81	88	-	78	83	91	-				
	70	MBh	42.8	44.4	48.6	-	41.8	43.3	47.5	-	40.8	42.3	46.4	-	39.8	41.3	45.2	-	37.8	39.2	43.0	-	35.0	36.3	39.8	-			
		S/T	0.72	0.60	0.42	-	0.74	0.62	0.43	-	0.76	0.64	0.44	-	0.79	0.66	0.46	-	0.82	0.68	0.47	-	0.82	0.69	0.48	-			
ΔT		18	15	12	-	18	15	12	-	18	16	12	-	18	16	12	-	18	15	12	-	17	14	11	-				
kW		2.99	3.07	3.18	-	3.26	3.34	3.46	-	3.49	3.58	3.71	-	3.70	3.79	3.93	-	3.87	3.97	4.12	-	4.03	4.13	4.28	-				
Amps		2.3	2.3	2.4	-	2.4	2.5	2.6	-	2.6	2.7	2.7	-	2.8	2.8	2.9	-	2.9	3.0	3.1	-	3.1	3.1	3.2	-				
Hi PR		149	160	169	-	167	180	190	-	190	205	216	-	217	233	246	-	244	262	277	-	269	290	306	-				
Lo PR		62	66	72	-	66	70	76	-	68	72	79	-	72	76	83	-	75	80	87	-	78	82	90	-				
1400		MBh	39.5	41.0	44.9	-	38.6	40.0	43.8	-	37.7	39.1	42.8	-	36.8	38.1	41.7	-	34.9	36.2	39.7	-	32.3	33.5	36.7	-			
		S/T	0.69	0.58	0.40	-	0.72	0.60	0.42	-	0.74	0.61	0.43	-	0.76	0.63	0.44	-	0.79	0.66	0.46	-	0.80	0.66	0.46	-			
		ΔT	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-			
	kW	2.91	2.98	3.09	-	3.17	3.25	3.36	-	3.40	3.48	3.61	-	3.60	3.68	3.82	-	3.77	3.86	4.00	-	3.91	4.01	4.16	-				
	Amps	2.2	2.3	2.3	-	2.4	2.4	2.5	-	2.6	2.6	2.7	-	2.7	2.8	2.8	-	2.9	2.9	3.0	-	3.0	3.1	3.2	-				
	Hi PR	145	156	164	-	162	175	184	-	184	198	210	-	210	226	239	-	236	254	269	-	261	281	297	-				
	Lo PR	60	64	70	-	64	68	74	-	66	70	77	-	69	74	81	-	73	77	84	-	75	80	87	-				

1800	MBh	44.84	46.17	49.98	53.64	43.80	45.10	48.81	52.39	42.76	44.02	47.65	51.14	41.72	42.95	46.49	49.89	39.63	40.80	44.16	47.40	36.71	37.80	40.91	43.91	
	S/T	0.86	0.77	0.58	0.37	0.89	0.79	0.60	0.39	0.91	0.81	0.62	0.40	0.94	0.84	0.64	0.41	0.97	0.87	0.66	0.42	0.98	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	3.05	3.12	3.24	3.36	3.32	3.40	3.53	3.66	3.56	3.65	3.78	3.92	3.77	3.86	4.00	4.15	3.95	4.05	4.20	4.35	4.10	4.20	4.36	4.52	
	Amps	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.7	2.7	2.7	2.8	2.9	2.8	2.9	3.0	3.1	3.0	3.0	3.1	3.2	3.1	3.2	3.3	3.4	
	Hi PR	152	164	173	180	171	184	194	202	194	209	220	230	221	238	251	262	249	268	282	295	275	296	312	326	
	Lo PR	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	95	79	84	92	98	
	1600	MBh	43.5	44.8	48.5	52.1	42.5	43.8	47.4	50.9	41.5	42.7	46.3	49.7	40.5	41.7	45.1	48.4	38.5	39.6	42.9	46.0	35.6	36.7	39.7	42.6
		S/T	0.82	0.73	0.55	0.36	0.85	0.76	0.57	0.37	0.87	0.78	0.59	0.38	0.90	0.80	0.61	0.39	0.93	0.83	0.63	0.40	0.94	0.84	0.63	0.41
		ΔT	20	19	15	11	21	19	16	11	21	19	16	11	21	19	16	11	21	19	16	11	19	18	14	10
kW		3.02	3.10	3.21	3.33	3.29	3.37	3.49	3.62	3.53	3.61	3.74	3.88	3.73	3.83	3.97	4.12	3.91	4.01	4.16	4.31	4.06	4.16	4.32	4.48	
Amps		2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.7	2.6	2.7	2.8	2.9	2.8	2.9	2.9	3.0	2.9	3.0	3.1	3.2	3.1	3.2	3.3	3.4	
Hi PR		151	162	171	178	169	182	192	200	192	207	218	228	219	235	249	259	246	265	280	292	272	293	309	322	
Lo PR		63	67	73	77	66	70	77	82	69	73	80	85	72	77	84	89	76	81	88	94	78	83	91	97	
1400		MBh	40.2	41.4	44.8	48.1	39.3	40.4	43.7	46.9	38.3	39.5	42.7	45.8	37.4	38.49	41.7	44.7	35.5	36.6	39.6	42.5	32.9	33.9	36.7	39.3
		S/T	0.79	0.70	0.53	0.34	0.82	0.73	0.55	0.36	0.84	0.75	0.57	0.36	0.86	0.77	0.58	0.38	0.90	0.80	0.61	0.39	0.90	0.81	0.61	0.39
		ΔT	21	19	16	11	21	19	16	11	21	19	16	11	21	20	16	11	21	19	16	11	20	18	15	10
	kW	2.94	3.01	3.12	3.23	3.20	3.28	3.40	3.52	3.43	3.51	3.64	3.78	3.63	3.72	3.86	4.00	3.80	3.90	4.04	4.19	3.95	4.05	4.20	4.35	
	Amps	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.6	2.6	2.6	2.7	2.8	2.7	2.8	2.9	3.0	2.9	2.9	3.0	3.1	3.0	3.1	3.2	3.3	
	Hi PR	146	157	166	173	164	176	186	194	186	201	212	221	212	228	241	252	239	257	271	283	264	284	300	313	
	Lo PR	61	65	71	75	64	68	75	79	67	71	78	83	70	75	81	87	73	78	85	91	76	81	88	94	

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

EXPANDED COOLING DATA — GSH130484A* / ARUF61-00*-1* / ARUF48601A* (CONT.)

		Outdoor Ambient Temperature																								
		65°F				75°F				85°F				95°F				105°F				115°F				
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	
1800	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
		MBh	45.64	46.64	49.83	53.26	44.58	45.55	48.67	52.03	43.52	44.47	47.51	50.79	42.46	43.38	46.35	49.55	40.33	41.21	44.03	47.07	37.36	38.18	40.79	43.60
		S/T	0.94	0.88	0.72	0.54	1.00	0.91	0.74	0.56	1.00	0.94	0.76	0.57	1.00	0.97	0.79	0.59	1.00	1.00	0.82	0.61	1.00	1.00	0.82	0.62
		ΔT	22	21	18	15	23	21	18	15	22	21	18	15	22	21	19	15	21	21	18	15	19	19	17	14
		kW	3.08	3.15	3.27	3.39	3.35	3.43	3.56	3.69	3.59	3.68	3.82	3.96	3.80	3.90	4.04	4.19	3.98	4.08	4.23	4.39	4.14	4.24	4.40	4.57
		Amps	2.3	2.4	2.5	2.5	2.5	2.6	2.7	2.7	2.7	2.7	2.8	2.9	2.8	2.9	3.0	3.1	3.0	3.1	3.1	3.3	3.1	3.2	3.3	3.4
		Hi PR	154	165	175	182	172	185	196	204	196	211	223	232	223	240	254	265	251	270	285	298	277	299	315	329
	Lo PR	64	68	74	79	68	72	78	84	70	75	82	87	74	78	86	91	77	82	90	96	80	85	93	99	
80	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
		MBh	44.3	45.3	48.4	51.7	43.3	44.2	47.3	50.5	42.3	43.2	46.1	49.3	41.2	42.1	45.0	48.1	39.2	40.0	42.8	45.7	36.3	37.1	39.6	42.3
		S/T	0.90	0.84	0.68	0.51	0.93	0.87	0.71	0.53	0.95	0.89	0.73	0.54	0.98	0.92	0.75	0.56	1.00	0.96	0.78	0.58	1.00	0.96	0.78	0.59
		ΔT	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	23	22	19	15	21	21	18	14
		kW	3.05	3.12	3.24	3.36	3.32	3.40	3.53	3.66	3.56	3.65	3.78	3.92	3.77	3.86	4.00	4.15	3.95	4.05	4.20	4.35	4.10	4.20	4.36	4.52
		Amps	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.7	2.7	2.7	2.8	2.9	2.8	2.9	3.0	3.1	3.0	3.0	3.1	3.2	3.1	3.2	3.3	3.4
		Hi PR	152	164	173	180	171	184	194	202	194	209	220	230	221	238	251	262	249	268	283	295	275	296	312	326
	Lo PR	63	67	73	78	67	71	78	83	69	74	81	86	73	78	85	90	76	81	89	95	79	84	92	98	
1400	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
		MBh	40.9	41.8	44.7	47.7	39.9	40.8	43.6	46.6	39.0	39.8	42.6	45.5	38.0	38.9	41.5	44.4	36.1	36.9	39.5	42.2	33.5	34.2	36.6	39.1
		S/T	0.86	0.81	0.66	0.49	0.90	0.84	0.68	0.51	0.92	0.86	0.70	0.52	0.95	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.76	0.57
		ΔT	23	22	19	15	23	23	20	16	24	23	20	16	24	23	20	16	23	22	19	16	22	21	18	15
		kW	2.97	3.04	3.15	3.26	3.23	3.31	3.43	3.55	3.46	3.54	3.67	3.81	3.66	3.75	3.89	4.04	3.84	3.93	4.08	4.23	3.99	4.09	4.24	4.40
		Amps	2.3	2.3	2.4	2.5	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.8	2.7	2.8	2.9	3.0	2.9	3.0	3.0	3.1	3.0	3.1	3.2	3.3
		Hi PR	147	159	168	175	165	178	188	196	188	203	214	223	214	231	244	254	241	260	274	286	266	287	303	316
	Lo PR	61	65	71	76	65	69	75	80	67	72	78	83	71	75	82	88	74	79	86	92	77	82	89	95	

1800	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
		MBh	46.44	47.34	49.58	52.89	45.36	46.24	48.42	51.66	44.28	45.14	47.27	50.43	43.20	44.03	46.12	49.20	41.04	41.83	43.81	46.74	38.01	38.75	40.58	43.30
		S/T	0.98	0.95	0.86	0.70	1.00	0.98	0.89	0.72	1.00	1.00	0.91	0.74	1.00	1.00	0.94	0.76	1.00	1.00	0.98	0.79	1.00	1.00	0.98	0.80
		ΔT	23	23	22	19	23	23	22	19	23	23	22	19	22	22	22	19	21	21	21	19	19	19	20	18
		kW	3.11	3.18	3.30	3.42	3.38	3.46	3.59	3.72	3.62	3.71	3.85	3.99	3.84	3.93	4.08	4.23	4.02	4.12	4.27	4.44	4.18	4.28	4.44	4.61
		Amps	2.4	2.4	2.5	2.6	2.5	2.6	2.6	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.1	3.0	3.1	3.2	3.3	3.2	3.2	3.3	3.5
		Hi PR	155	167	176	184	174	187	198	206	198	213	225	235	225	243	256	267	254	273	288	301	280	302	318	332
	Lo PR	65	69	75	80	68	73	79	84	71	75	82	88	74	79	86	92	78	83	91	97	81	86	94	100	
1600	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
		MBh	45.1	46.0	48.1	51.4	44.0	44.9	47.0	50.2	43.0	43.8	45.9	49.0	41.9	42.8	44.8	47.8	39.8	40.6	42.5	45.4	36.9	37.6	39.4	42.0
		S/T	0.94	0.91	0.82	0.66	0.97	0.94	0.85	0.69	1.00	0.96	0.87	0.71	1.00	0.99	0.90	0.73	1.00	1.00	0.93	0.76	1.00	1.00	0.94	0.76
		ΔT	24	24	23	20	25	24	23	20	25	24	23	20	24	24	23	20	23	23	23	20	21	22	21	18
		kW	3.08	3.15	3.27	3.39	3.35	3.43	3.56	3.69	3.59	3.68	3.82	3.96	3.80	3.90	4.04	4.19	3.98	4.08	4.23	4.39	4.14	4.24	4.40	4.57
		Amps	2.3	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.9	2.8	2.9	3.0	3.1	3.0	3.1	3.1	3.3	3.1	3.2	3.3	3.4
		Hi PR	154	165	175	182	172	185	196	204	196	211	223	232	223	240	254	265	251	270	285	298	277	299	315	329
	Lo PR	64	68	74	79	68	72	78	84	70	75	82	87	74	78	86	91	77	82	90	96	80	85	93	99	
1400	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
		MBh	41.6	42.4	44.4	47.4	40.6	41.4	43.4	46.3	39.7	40.4	42.4	45.2	38.7	39.5	41.3	44.1	36.8	37.5	39.3	41.9	34.1	34.7	36.4	38.8
		S/T	0.91	0.87	0.79	0.64	0.94	0.91	0.82	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.90	0.73	1.00	1.00	0.91	0.73
		ΔT	25	24	23	20	25	25	23	20	25	25	23	20	25	25	23	20	24	24	23	20	22	23	22	19
		kW	2.99	3.07	3.18	3.29	3.26	3.34	3.46	3.59	3.49	3.58	3.71	3.85	3.70	3.79	3.93	4.08	3.87	3.97	4.12	4.27	4.02	4.12	4.28	4.44
		Amps	2.3	2.3	2.4	2.5	2.4	2.5	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9	3.0	2.9	3.0	3.1	3.2	3.1	3.1	3.2	3.3
		Hi PR	149	160	169	177	167	180	190	198	190	205	216	225	217	233	246	257	244	262	277	289	269	290	306	319
	Lo PR	62	66	72	77	66	70	76	81	68	72	79	84	72	76	83	88	75	80	87	93	78	82	90	96	

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

EXPANDED COOLING DATA — GSH130601A* / ARUF61-00*-1* / ARUF48601A*

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
	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	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
2025	kW	3.84	3.92	4.03	-	4.12	4.20	4.32	-	4.36	4.45	4.58	-	4.57	4.67	4.81	-	4.75	4.85	5.00	-	4.91	5.01	5.17	-
	Amps	13.8	14.1	14.6	-	14.9	15.2	15.7	-	16.2	16.6	17.1	-	17.3	17.7	18.3	-	18.4	18.8	19.5	-	19.5	20.0	20.6	-
	Hi PR	140	151	159	-	157	169	179	-	179	193	204	-	204	220	232	-	229	247	261	-	254	273	288	-
	Lo PR	59	63	68	-	62	66	72	-	65	69	75	-	68	72	79	-	71	76	82	-	73	78	85	-
70	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	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
	kW	3.81	3.89	4.00	-	4.09	4.17	4.29	-	4.32	4.41	4.55	-	4.54	4.63	4.77	-	4.72	4.81	4.96	-	4.87	4.97	5.13	-
	Amps	13.7	14.0	14.4	-	14.8	15.1	15.6	-	16.0	16.4	17.0	-	17.1	17.5	18.1	-	18.2	18.7	19.3	-	19.3	19.8	20.5	-
	Hi PR	139	150	158	-	156	168	177	-	177	191	202	-	202	217	230	-	227	245	258	-	251	270	285	-
	Lo PR	58	62	68	-	61	65	71	-	64	68	74	-	67	71	78	-	70	75	82	-	73	77	84	-
	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	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	18	15	12	-
	kW	3.73	3.80	3.91	-	3.99	4.07	4.19	-	4.23	4.31	4.44	-	4.43	4.52	4.66	-	4.60	4.70	4.85	-	4.75	4.85	5.01	-
	Amps	13.3	13.6	14.0	-	14.4	14.7	15.2	-	15.6	16.0	16.5	-	16.7	17.1	17.6	-	17.7	18.2	18.8	-	18.8	19.2	19.9	-
	Hi PR	135	145	153	-	151	163	172	-	172	185	195	-	196	211	223	-	220	237	250	-	244	262	277	-
	Lo PR	56	60	66	-	60	63	69	-	62	66	72	-	65	69	76	-	68	73	79	-	71	75	82	-

	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	0.82	0.74	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	0.94	0.84	0.63	0.41	0.94	0.84	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
2025	kW	3.87	3.95	4.06	4.18	4.15	4.23	4.36	4.49	4.39	4.48	4.62	4.76	4.61	4.70	4.85	5.00	4.79	4.89	5.04	5.21	4.95	5.05	5.21	5.38
	Amps	13.9	14.2	14.7	15.2	15.0	15.4	15.9	16.5	16.3	16.7	17.3	17.9	17.4	17.9	18.5	19.2	18.6	19.0	19.7	20.4	19.7	20.2	20.8	21.6
	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	59	63	69	73	63	67	73	78	65	69	76	81	68	73	80	85	72	76	83	89	74	79	86	92
	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	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	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
1800	kW	3.84	3.92	4.03	4.15	4.12	4.20	4.32	4.46	4.36	4.45	4.58	4.73	4.57	4.67	4.81	4.96	4.75	4.85	5.00	5.16	4.91	5.01	5.17	5.34
	Amps	13.8	14.1	14.6	15.1	14.9	15.2	15.7	16.3	16.2	16.6	17.1	17.8	17.3	17.7	18.3	19.0	18.4	18.8	19.5	20.2	19.5	20.0	20.6	21.4
	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	59	63	68	73	62	66	72	77	65	69	75	80	68	72	79	84	71	76	82	88	73	78	85	91
	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	47.47	51.4	55.1	43.8	45.1	48.8	52.4	40.6	41.8	45.2	48.5
	S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.87	0.78	0.59	0.38
	ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11
1575	kW	3.76	3.83	3.94	4.06	4.02	4.10	4.23	4.35	4.26	4.34	4.48	4.61	4.46	4.56	4.70	4.84	4.64	4.74	4.88	5.04	4.79	4.89	5.05	5.21
	Amps	13.4	13.7	14.2	14.7	14.5	14.8	15.3	15.9	15.7	16.1	16.6	17.3	16.8	17.2	17.8	18.5	17.9	18.3	18.9	19.7	19.0	19.4	20.1	20.8
	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	57	61	66	71	60	64	70	74	63	67	73	77	66	70	76	81	69	73	80	85	71	76	83	88

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130601A* / ARUF61-00*-1* / ARUF48601A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																									
		65°F				75°F				85°F				95°F				105°F				115°F					
		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	2025	MBh	56.3	57.5	61.5	65.7	55.0	56.2	60.0	64.2	53.7	54.8	58.6	62.6	52.4	53.5	57.2	61.1	49.7	50.8	54.3	58.1	46.1	47.1	50.3	53.8	
		S/T	0.90	0.85	0.69	0.51	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.56	1.00	0.96	0.78	0.59	1.00	1.00	0.79	0.59	
		ΔT	23	22	19	15	23	22	19	16	24	23	20	16	24	23	20	16	23	22	19	15	21	21	18	14	
	1800	kW	3.90	3.98	4.09	4.22	4.18	4.26	4.39	4.53	4.43	4.52	4.66	4.80	4.64	4.74	4.89	5.04	4.83	4.93	5.09	5.25	4.99	5.09	5.26	5.43	
		Amps	14.0	14.4	14.8	15.4	15.2	15.5	16.0	16.6	16.5	16.9	17.4	18.1	17.6	18.0	18.6	19.3	18.7	19.2	19.8	20.6	19.9	20.3	21.0	21.8	
		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	
	1575	Lo PR	60	64	70	74	63	67	74	78	66	70	76	81	69	74	80	86	72	77	84	90	75	80	87	93	
		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	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56	
	85	2025	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	25	23	20	16	24	23	20	16	23	22	19	15
			kW	3.87	3.95	4.06	4.19	4.15	4.23	4.36	4.49	4.39	4.48	4.62	4.76	4.61	4.70	4.85	5.00	4.79	4.89	5.04	5.21	4.95	5.05	5.21	5.38
			Amps	13.9	14.2	14.7	15.2	15.0	15.4	15.9	16.5	16.3	16.7	17.3	17.9	17.4	17.9	18.5	19.2	18.6	19.0	19.7	20.4	19.7	20.2	20.8	21.6
1800	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	59	63	69	73	63	67	73	78	65	69	76	81	68	73	80	85	72	76	83	89	74	79	86	92		
	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		
1575	S/T	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.95	0.89	0.73	0.54		
	ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	25	24	20	16	23	22	19	15		
	kW	3.79	3.86	3.97	4.09	4.05	4.13	4.26	4.39	4.29	4.38	4.51	4.65	4.50	4.59	4.73	4.88	4.68	4.78	4.92	5.08	4.83	4.93	5.09	5.25		
85	2025	Amps	13.5	13.8	14.3	14.8	14.6	15.0	15.5	16.0	15.9	16.3	16.8	17.4	17.0	17.4	18.0	18.6	18.1	18.5	19.1	19.8	19.1	19.6	20.3	21.0	
		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	58	61	67	71	61	65	71	75	63	67	73	78	66	71	77	82	70	74	81	86	72	77	84	89	
1800	2025	MBh	57.3	58.4	61.1	65.2	55.9	57.0	59.7	63.7	54.6	55.7	58.3	62.2	53.3	54.3	56.9	60.7	50.6	51.6	54.0	57.6	46.9	47.8	50.1	53.4	
		S/T	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77	
		ΔT	25	24	23	20	25	24	23	20	25	25	23	20	24	25	23	20	23	23	23	20	21	22	21	19	
85	1800	kW	3.93	4.01	4.12	4.25	4.21	4.30	4.43	4.56	4.46	4.55	4.69	4.84	4.68	4.78	4.93	5.08	4.87	4.97	5.13	5.29	5.03	5.14	5.30	5.47	
		Amps	14.2	14.5	15.0	15.5	15.3	15.7	16.2	16.8	16.6	17.0	17.6	18.3	17.8	18.2	18.8	19.5	18.9	19.4	20.0	20.8	20.0	20.5	21.2	22.0	
		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	
1575	2025	Lo PR	61	64	70	75	64	68	74	79	66	71	77	82	70	74	81	86	73	78	85	91	76	81	88	94	
		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	0.90	0.87	0.79	0.64	0.94	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73	
85	1800	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	25	25	24	21	23	24	22	19	
		kW	3.90	3.98	4.09	4.22	4.18	4.26	4.39	4.53	4.43	4.52	4.66	4.80	4.64	4.74	4.89	5.04	4.83	4.93	5.09	5.25	4.99	5.09	5.26	5.43	
		Amps	14.0	14.4	14.8	15.4	15.2	15.5	16.0	16.6	16.5	16.9	17.4	18.1	17.6	18.0	18.6	19.3	18.7	19.2	19.8	20.6	19.9	20.3	21.0	21.8	
1575	2025	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	60	64	70	74	63	67	74	78	66	70	76	81	69	74	80	86	72	77	84	90	75	80	87	93	
		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	
85	1800	S/T	0.87	0.84	0.76	0.61	0.90	0.87	0.79	0.64	0.92	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	0.96	0.87	0.71	
		ΔT	26	26	24	21	26	26	25	21	26	26	25	21	27	26	25	21	26	26	24	21	24	24	23	20	
		kW	3.81	3.89	4.00	4.12	4.08	4.17	4.29	4.42	4.32	4.41	4.55	4.69	4.53	4.63	4.77	4.92	4.71	4.81	4.96	5.12	4.87	4.97	5.13	5.29	
85	1575	Amps	13.6	14.0	14.4	15.0	14.7	15.1	15.6	16.2	16.0	16.4	17.0	17.6	17.1	17.5	18.1	18.8	18.2	18.7	19.3	20.0	19.3	19.8	20.4	21.2	
		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	58	62	68	72	61	65	71	76	64	68	74	79	67	71	78	83	70	75	82	87	73	77	84	90	

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130603A* / ARUF61-00*-1* / ARUF48601A*

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
2025	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	0.72	0.60	0.42	-	0.75	0.63	0.43	-	0.77	0.64	0.45	-	0.79	0.66	0.46	-	0.82	0.69	0.48	-	0.83	0.69	0.48	-
	ΔT	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-
	kW	4.03	4.12	4.25	-	4.35	4.45	4.60	-	4.64	4.74	4.90	-	4.89	5.00	5.17	-	5.10	5.22	5.39	-	5.28	5.40	5.59	-
	Amps	13.0	13.3	13.8	-	14.1	14.4	14.9	-	15.3	15.7	16.2	-	16.3	16.7	17.3	-	17.4	17.8	18.4	-	18.4	18.9	19.5	-
	Hi PR	146	157	166	-	164	176	186	-	186	200	211	-	212	228	241	-	238	257	271	-	263	283	299	-
Lo PR	57	61	66	-	60	64	70	-	63	67	73	-	66	70	76	-	69	73	80	-	71	76	83	-	
70	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	0.69	0.58	0.40	-	0.72	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-
	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-
	kW	4.00	4.09	4.22	-	4.32	4.41	4.56	-	4.60	4.70	4.86	-	4.84	4.96	5.12	-	5.06	5.17	5.35	-	5.24	5.36	5.54	-
	Amps	12.9	13.2	13.7	-	14.0	14.3	14.8	-	15.1	15.5	16.0	-	16.2	16.6	17.1	-	17.2	17.6	18.2	-	18.2	18.7	19.3	-
	Hi PR	144	155	164	-	162	174	184	-	184	198	209	-	210	226	238	-	236	254	268	-	261	281	296	-
Lo PR	57	60	66	-	60	64	69	-	62	66	72	-	65	69	76	-	68	73	79	-	71	75	82	-	
1575	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	0.67	0.56	0.39	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	18	15	12	-
	kW	3.90	3.99	4.12	-	4.21	4.30	4.44	-	4.48	4.58	4.73	-	4.72	4.83	4.99	-	4.93	5.04	5.21	-	5.10	5.22	5.40	-
	Amps	12.6	12.9	13.3	-	13.6	13.9	14.4	-	14.7	15.1	15.6	-	15.7	16.1	16.7	-	16.7	17.1	17.7	-	17.7	18.2	18.8	-
	Hi PR	140	151	159	-	157	169	179	-	179	192	203	-	204	219	231	-	229	246	260	-	253	272	287	-
Lo PR	55	58	64	-	58	62	67	-	60	64	70	-	63	67	73	-	66	70	77	-	69	73	80	-	

IDB	Airflow	Outdoor Ambient Temperature																							
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
2025	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	0.82	0.74	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	0.94	0.84	0.63	0.41	0.94	0.84	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	4.07	4.16	4.29	4.43	4.39	4.49	4.64	4.79	4.68	4.78	4.94	5.11	4.93	5.04	5.21	5.39	5.14	5.26	5.44	5.63	5.33	5.45	5.64	5.83
	Amps	13.2	13.5	13.9	14.4	14.2	14.5	15.0	15.6	15.4	15.8	16.3	16.9	16.5	16.9	17.4	18.1	17.5	18.0	18.6	19.3	18.6	19.0	19.7	20.4
	Hi PR	147	159	167	175	165	178	188	196	188	202	214	223	214	230	243	254	241	259	274	285	266	286	302	315
Lo PR	58	61	67	71	61	65	71	75	63	67	74	78	67	71	77	82	70	74	81	86	72	77	84	89	
75	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	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	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	4.03	4.12	4.26	4.40	4.35	4.45	4.60	4.75	4.64	4.74	4.90	5.07	4.89	5.00	5.17	5.35	5.10	5.22	5.39	5.58	5.28	5.40	5.59	5.78
	Amps	13.0	13.3	13.8	14.3	14.1	14.4	14.9	15.4	15.3	15.7	16.2	16.8	16.3	16.7	17.3	17.9	17.4	17.8	18.4	19.1	18.4	18.9	19.5	20.2
	Hi PR	146	157	166	173	164	176	186	194	186	200	211	221	212	228	241	251	238	257	271	283	263	284	299	312
Lo PR	57	61	66	71	60	64	70	75	63	67	73	78	66	70	76	81	69	73	80	85	71	76	83	88	
1575	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	47.47	51.4	55.1	43.8	45.1	48.8	52.4	40.6	41.8	45.2	48.5
	S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.38	0.87	0.78	0.59	0.38
	ΔT	22	20	17	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11
	kW	3.93	4.02	4.15	4.29	4.24	4.34	4.48	4.63	4.52	4.62	4.78	4.94	4.76	4.87	5.03	5.21	4.97	5.08	5.25	5.44	5.15	5.26	5.44	5.63
	Amps	12.7	13.0	13.4	13.9	13.7	14.0	14.5	15.0	14.9	15.2	15.7	16.3	15.9	16.3	16.8	17.4	16.9	17.3	17.9	18.6	17.9	18.3	18.9	19.7
	Hi PR	141	152	161	168	159	171	180	188	181	194	205	214	206	221	234	244	231	249	263	274	256	275	290	303
Lo PR	55	59	64	68	58	62	68	72	61	65	71	75	64	68	74	79	67	71	78	83	69	74	80	86	

Shaded area is ACCA (TVA) conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130603A* / ARUF61-00*-1* / ARUF48601A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature												Entering Indoor Wet Bulb Temperature											
		65°F				75°F				85°F				95°F				105°F				115°F			
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
80	MBh	56.29	57.52	61.45	65.69	54.98	56.18	60.02	64.16	53.67	54.84	58.59	62.64	52.36	53.51	57.17	61.11	49.74	50.83	54.31	58.05	46.08	47.09	50.31	53.78
	S/T	0.90	0.85	0.69	0.51	0.94	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.76	0.56	1.00	0.96	0.78	0.59	1.00	1.00	0.79	0.59
	ΔT	23	22	19	15	23	22	19	16	24	23	22	19	24	23	20	16	23	22	19	15	21	21	18	14
	kW	4.10	4.19	4.33	4.47	4.43	4.53	4.68	4.83	4.72	4.82	4.98	5.16	4.97	5.08	5.26	5.44	5.19	5.31	5.49	5.68	5.38	5.50	5.69	5.89
	Amps	13.3	13.6	14.0	14.5	14.3	14.7	15.2	15.7	15.6	15.9	16.5	17.1	16.6	17.0	17.6	18.3	17.7	18.1	18.7	19.4	18.8	19.2	19.9	20.6
	Hi PR	149	160	169	176	167	180	190	198	190	204	216	225	216	233	246	256	243	262	276	288	269	289	305	319
	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
	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	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.89	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56
	ΔT	24	23	20	16	24	23	20	16	25	23	20	16	25	23	20	16	24	23	20	16	23	22	19	15
kW	4.07	4.16	4.29	4.43	4.39	4.49	4.64	4.79	4.68	4.78	4.94	5.11	4.93	5.04	5.21	5.39	5.14	5.26	5.44	5.63	5.33	5.45	5.64	5.84	
Amps	13.2	13.5	13.9	14.4	14.2	14.5	15.0	15.6	15.4	15.8	16.3	16.9	16.5	16.9	17.4	18.1	17.5	18.0	18.6	19.3	18.6	19.0	19.7	20.4	
Hi PR	147	159	167	175	165	178	188	196	188	202	214	223	214	230	243	254	241	259	274	285	266	286	302	315	
Lo PR	58	61	67	71	61	65	71	75	63	67	74	78	67	71	77	82	70	74	81	86	72	77	84	89	
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	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.95	0.89	0.73	0.54	
ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	25	24	20	16	23	22	19	15	
kW	3.97	4.05	4.18	4.32	4.28	4.38	4.52	4.67	4.56	4.66	4.82	4.98	4.80	4.91	5.08	5.25	5.01	5.13	5.30	5.48	5.19	5.31	5.49	5.68	
Amps	12.8	13.1	13.5	14.0	13.8	14.2	14.6	15.2	15.0	15.4	15.9	16.5	16.0	16.4	17.0	17.6	17.1	17.5	18.1	18.7	18.1	18.5	19.1	19.9	
Hi PR	143	154	162	169	160	173	182	190	182	196	207	216	208	223	236	246	234	251	266	277	258	278	293	306	
Lo PR	56	60	65	69	59	63	69	73	61	65	71	76	65	69	75	80	68	72	79	84	70	74	81	87	

2025	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	0.95	0.91	0.82	0.67	0.98	0.95	0.85	0.69	1.00	0.97	0.88	0.71	1.00	1.00	0.90	0.73	1.00	1.00	0.94	0.76	1.00	1.00	0.95	0.77
	ΔT	25	24	23	20	25	24	23	20	25	25	23	20	24	25	23	20	24	23	23	20	21	22	21	19
	kW	4.13	4.22	4.36	4.51	4.46	4.56	4.72	4.88	4.76	4.86	5.03	5.20	5.01	5.13	5.30	5.49	5.23	5.35	5.54	5.73	5.42	5.55	5.74	5.94
	Amps	13.4	13.7	14.2	14.7	14.5	14.8	15.3	15.9	15.7	16.1	16.6	17.2	16.8	17.2	17.8	18.4	17.9	18.3	18.9	19.6	18.9	19.4	20.0	20.8
	Hi PR	150	162	171	178	169	181	192	200	192	206	218	227	218	235	248	259	246	264	279	291	271	292	309	322
	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
	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	0.90	0.87	0.79	0.64	0.94	0.90	0.81	0.66	0.96	0.93	0.84	0.68	0.99	0.96	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73
	ΔT	26	25	24	21	26	26	24	21	26	26	24	21	26	26	24	21	25	25	24	21	23	24	22	19
kW	4.10	4.19	4.33	4.47	4.43	4.53	4.68	4.83	4.72	4.82	4.98	5.16	4.97	5.08	5.26	5.44	5.19	5.31	5.49	5.68	5.38	5.50	5.69	5.89	
Amps	13.3	13.6	14.0	14.5	14.3	14.7	15.2	15.7	15.6	15.9	16.5	17.1	16.6	17.0	17.6	18.3	17.7	18.1	18.7	19.4	18.8	19.2	19.9	20.6	
Hi PR	149	160	169	176	167	180	190	198	190	204	216	225	216	233	246	256	243	262	276	288	269	289	305	319	
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	
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	0.87	0.84	0.76	0.61	0.90	0.87	0.79	0.64	0.92	0.89	0.81	0.65	0.95	0.92	0.83	0.67	0.99	0.96	0.86	0.70	1.00	0.96	0.87	0.71	
ΔT	26	26	24	21	26	26	25	21	26	26	25	21	27	26	25	21	26	26	24	21	24	24	23	20	
kW	4.00	4.09	4.22	4.36	4.32	4.41	4.56	4.71	4.60	4.70	4.86	5.02	4.84	4.95	5.12	5.30	5.05	5.17	5.35	5.53	5.24	5.36	5.54	5.73	
Amps	12.9	13.2	13.6	14.1	13.9	14.3	14.7	15.3	15.1	15.5	16.0	16.6	16.2	16.6	17.1	17.8	17.2	17.6	18.2	18.9	18.2	18.7	19.3	20.0	
Hi PR	144	155	164	171	162	174	184	192	184	198	209	218	210	226	238	249	236	254	268	280	261	281	296	309	
Lo PR	56	60	66	70	60	64	69	74	62	66	72	77	65	69	76	81	68	73	79	84	71	75	82	87	

Shaded area is ARI Rating Conditions IDB: Entering Indoor Dry Bulb Temperature kW = Total system power Amps = outdoor unit amps (comp.+fan)
 High and low pressures are measured at the liquid and suction service valves.

EXPANDED COOLING DATA — GSH130604A* / ARUF61-00*-1* / ARUF48601A*

IDB	Airflow	Outdoor Ambient Temperature																																			
		65°F						75°F						85°F						95°F						105°F						115°F					
		59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71								
70	2025	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	0.72	0.60	0.42	-	0.75	0.63	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	18	15	12	-	18	16	12	-	18	16	12	-	18	16	12	-	18	16	12	-	17	15	11	-												
	kW	3.98	4.06	4.18	-	4.26	4.35	4.48	-	4.52	4.61	4.75	-	4.74	4.84	4.99	-	4.93	5.04	5.19	-	5.09	5.20	5.37	-												
	Amps	3.2	3.2	3.3	-	3.3	3.3	3.3	-	3.3	3.3	3.3	-	3.3	3.4	3.4	-	3.4	3.4	3.4	-	3.4	3.4	3.5	-												
	Hi PR	152	163	173	-	170	183	194	-	194	209	220	-	221	238	251	-	248	267	282	-	274	295	312	-												
	Lo PR	59	62	68	-	62	66	72	-	64	68	75	-	68	72	78	-	71	75	82	-	73	78	85	-												
	1800	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	0.69	0.58	0.40	-	0.71	0.60	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.79	0.66	0.45	-	0.79	0.66	0.46	-											
	1575	ΔT	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	19	16	12	-	17	15	11	-											
kW		3.95	4.03	4.14	-	4.23	4.32	4.45	-	4.48	4.57	4.72	-	4.70	4.80	4.95	-	4.89	5.00	5.15	-	5.05	5.16	5.33	-												
75	2025	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	0.67	0.56	0.38	-	0.69	0.58	0.40	-	0.71	0.59	0.41	-	0.73	0.61	0.42	-	0.76	0.63	0.44	-	0.76	0.64	0.44	-											
	ΔT	19	16	12	-	19	17	13	-	19	17	13	-	19	17	13	-	19	16	13	-	18	15	12	-												
	kW	3.86	3.94	4.05	-	4.14	4.22	4.34	-	4.38	4.47	4.60	-	4.59	4.69	4.83	-	4.78	4.88	5.03	-	4.93	5.04	5.20	-												
	Amps	3.2	3.2	3.2	-	3.2	3.3	3.3	-	3.3	3.3	3.3	-	3.3	3.3	3.4	-	3.4	3.4	3.4	-	3.4	3.4	3.4	-												
	Hi PR	146	157	166	-	164	176	186	-	186	200	211	-	212	228	241	-	238	257	271	-	263	284	299	-												
	Lo PR	56	60	65	-	59	63	69	-	62	66	72	-	65	69	75	-	68	72	79	-	70	75	82	-												
	1800	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	0.82	0.74	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	0.94	0.84	0.63	0.41	0.94	0.84	0.64	0.41											
	2025	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		4.01	4.09	4.21	4.34	4.30	4.38	4.52	4.66	4.55	4.65	4.79	4.94	4.78	4.88	5.03	5.19	4.97	5.08	5.24	5.41	5.14	5.25	5.41	5.59												
1800	Amps	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.4	3.5	3.5	3.5												
	Hi PR	153	165	174	182	172	185	196	204	196	211	222	232	223	240	253	264	251	270	285	297	277	298	315	328												
75	Lo PR	59	63	69	73	63	67	73	77	65	69	75	80	68	73	79	84	72	76	83	88	74	79	86	92												
	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												
2025	S/T	0.78	0.70	0.53	0.34	0.81	0.73	0.55	0.35	0.83	0.75	0.56	0.36	0.86	0.77	0.58	0.37	0.89	0.80	0.60	0.39	0.90	0.81	0.61	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												
1800	kW	3.98	4.06	4.18	4.30	4.26	4.35	4.48	4.62	4.52	4.61	4.75	4.90	4.74	4.84	4.99	5.15	4.93	5.04	5.19	5.36	5.10	5.20	5.37	5.54												
	Amps	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.4	3.5	3.5	3.5												
75	Hi PR	152	163	173	180	170	183	194	202	194	209	220	230	221	238	251	262	248	267	282	294	274	295	312	325												
	Lo PR	59	62	68	72	62	66	72	77	64	68	75	80	68	72	79	84	71	75	82	88	73	78	85	91												
2025	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	47.47	51.4	55.1	43.8	45.1	48.8	52.4	40.6	41.8	45.2	48.5												
	S/T	0.76	0.68	0.51	0.33	0.78	0.70	0.53	0.34	0.80	0.72	0.54	0.35	0.83	0.74	0.56	0.36	0.86	0.77	0.58	0.37	0.87	0.78	0.59	0.38												
1800	ΔT	22	20	16	11	22	20	17	12	22	20	17	12	22	21	17	12	22	20	17	11	21	19	16	11												
	kW	3.89	3.97	4.08	4.20	4.17	4.25	4.38	4.51	4.41	4.50	4.64	4.79	4.63	4.73	4.87	5.03	4.81	4.92	5.07	5.23	4.97	5.08	5.24	5.41												
75	Amps	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5												
	Hi PR	147	159	167	175	165	178	188	196	188	202	214	223	214	230	243	254	241	259	274	286	266	286	302	315												
2025	Lo PR	57	60	66	70	60	64	70	74	62	66	72	77	66	70	76	81	69	73	80	85	71	76	83	88												

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

EXPANDED COOLING DATA — GSH130604A* / ARUF61-00*-1* / ARUF48601A* (CONT.)

IDB	Airflow	Outdoor Ambient Temperature																								
		65°F					75°F					85°F														
		59	63	67	71	75	59	63	67	71	75	59	63	67	71	75										
80	MBh	56.29	57.52	61.45	65.69	54.98	56.18	60.02	64.16	53.67	54.84	58.59	62.64	52.36	53.51	57.17	61.11	49.74	50.83	54.31	58.05	46.08	47.09	50.31	53.78	
	S/T	0.90	0.85	0.69	0.51	0.93	0.88	0.71	0.53	0.96	0.90	0.73	0.55	1.00	0.93	0.75	0.56	1.00	0.96	0.78	0.59	1.00	0.97	0.79	0.59	
	ΔT	23	22	19	15	23	22	19	16	24	23	22	19	16	24	23	20	16	23	22	19	15	21	21	18	14
	kW	4.04	4.12	4.24	4.37	4.33	4.42	4.55	4.69	4.59	4.68	4.83	4.98	4.82	4.92	5.07	5.23	5.01	5.12	5.28	5.45	5.18	5.29	5.46	5.64	
	Amps	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5	
	Hi PR	155	167	176	184	174	187	198	206	198	213	225	234	225	242	256	267	253	273	288	300	280	301	318	332	
	Lo PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	80	87	92	
	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	0.86	0.81	0.66	0.49	0.89	0.84	0.68	0.51	0.91	0.86	0.70	0.52	0.94	0.88	0.72	0.54	0.98	0.92	0.75	0.56	0.99	0.93	0.75	0.56	
	ΔT	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	24	23	20	16	23	22	19	15	
kW	4.01	4.09	4.21	4.34	4.30	4.38	4.52	4.66	4.55	4.65	4.79	4.94	4.78	4.88	5.03	5.19	4.97	5.08	5.24	5.41	5.14	5.25	5.41	5.59		
Amps	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5	3.5		
Hi PR	153	165	174	182	172	185	196	204	196	211	222	232	223	240	253	264	251	270	285	297	277	298	315	329		
Lo PR	59	63	69	73	63	67	73	77	65	69	75	80	68	73	79	84	72	76	83	89	74	79	86	92		
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	0.83	0.78	0.63	0.47	0.86	0.81	0.66	0.49	0.88	0.83	0.67	0.50	0.91	0.85	0.69	0.52	0.94	0.89	0.72	0.54	0.95	0.89	0.73	0.54		
ΔT	24	23	20	16	25	24	21	16	25	24	21	16	25	24	21	17	25	24	20	16	23	22	19	15		
kW	3.92	4.00	4.11	4.24	4.20	4.28	4.41	4.55	4.45	4.54	4.68	4.82	4.67	4.76	4.91	5.07	4.85	4.95	5.11	5.27	5.01	5.12	5.28	5.45		
Amps	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.5		
Hi PR	149	160	169	176	167	180	190	198	190	204	216	225	216	233	246	256	243	262	277	288	269	289	306	319		
Lo PR	57	61	67	71	61	65	70	75	63	67	73	78	66	70	77	82	69	74	81	86	72	76	83	89		

2025	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	0.95	0.91	0.82	0.67	0.98	0.95	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	25	24	23	20	25	24	23	20	24	25	24	23	20	24	25	23	20	23	23	23	20	21	22	21	19
	kW	4.07	4.15	4.27	4.40	4.36	4.45	4.59	4.73	4.62	4.72	4.87	5.02	4.85	4.96	5.11	5.28	5.05	5.16	5.32	5.49	5.22	5.33	5.50	5.68	
	Amps	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.4	3.5	3.5	3.5	
	Hi PR	157	168	178	185	176	189	200	208	200	215	227	237	227	245	258	270	256	275	291	303	283	304	321	335	
	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	93	
	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	0.90	0.87	0.79	0.64	0.93	0.90	0.81	0.66	0.96	0.92	0.83	0.68	0.99	0.95	0.86	0.70	1.00	0.99	0.89	0.73	1.00	1.00	0.90	0.73	
	ΔT	26	25	24	21	26	25	24	21	26	26	24	21	26	26	24	21	25	25	24	21	23	24	22	19	
kW	4.04	4.12	4.24	4.37	4.33	4.42	4.55	4.69	4.59	4.68	4.83	4.98	4.82	4.92	5.07	5.23	5.01	5.12	5.28	5.45	5.18	5.29	5.46	5.64		
Amps	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5	3.4	3.5	3.5	3.5		
Hi PR	155	167	176	184	174	187	198	206	198	213	225	234	225	242	256	267	253	273	288	300	280	301	318	332		
Lo PR	60	64	69	74	63	67	73	78	66	70	76	81	69	73	80	85	72	77	84	89	75	80	87	92		
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	0.87	0.84	0.76	0.61	0.90	0.87	0.78	0.64	0.92	0.89	0.80	0.65	0.95	0.92	0.83	0.67	0.99	0.95	0.86	0.70	1.00	0.96	0.87	0.71		
ΔT	26	26	24	21	26	26	25	21	26	26	25	21	27	26	25	21	26	26	24	21	24	24	23	20		
kW	3.95	4.02	4.14	4.27	4.23	4.32	4.45	4.58	4.48	4.57	4.71	4.86	4.70	4.80	4.95	5.11	4.89	4.99	5.15	5.32	5.05	5.16	5.32	5.50		
Amps	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.3	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.4	3.5		
Hi PR	150	162	171	178	169	181	192	200	192	206	218	227	218	235	248	259	246	264	279	291	272	292	309	322		
Lo PR	58	62	67	72	61	65	71	76	64	68	74	79	67	71	78	83	70	75	81	87	73	77	84	90		

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

PRODUCT SPECIFICATIONS

EXPANDED HEATING DATA

GSH130181A* / ARUF32-00*-1* / ARUF18241A*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	21.1	20.0	18.8	17.6	16.8	16.3	15.1	13.9	10.7	9.9	9.1	8.6	8.3	7.4	6.6	5.7	4.9	4.0
ΔT	32.6	30.9	29.0	27.1	25.9	25.1	23.3	21.5	16.5	15.3	14.1	13.3	12.8	11.5	10.2	8.9	7.6	6.2
kW	1.57	1.54	1.51	1.48	1.462	1.45	1.42	1.39	1.30	1.27	1.24	1.23	1.22	1.19	1.16	1.13	1.10	1.08
Amps	7.3	6.8	6.4	6.0	5.8	5.7	5.4	5.1	4.9	4.7	4.4	4.3	4.3	4.1	3.8	3.6	3.3	3.0
COP	3.94	3.80	3.65	3.48	3.36	3.29	3.12	2.94	2.41	2.28	2.14	2.05	1.99	1.83	1.66	1.49	1.30	1.09
EER	13.5	13.0	12.5	11.9	11.5	11.2	10.6	10.0	8.2	7.8	7.3	7.0	6.8	6.3	5.7	5.1	4.4	3.7
Hi PR	241	231	222	213	208	204	196	188	180	172	165	161	158	152	146	140	135	131
Lo PR	83	77	72	66	62	60	55	49	44	40	35	32	31	26	23	19	17	13

GSH13019-1A* / AWUF18XX1A*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	21.1	20.0	18.8	17.6	16.8	16.3	15.1	13.9	10.7	9.9	9.1	8.6	8.3	7.4	6.6	5.7	4.9	4.0
ΔT	32.6	30.9	29.0	27.1	25.9	25.1	23.3	21.5	16.5	15.3	14.1	13.3	12.8	11.5	10.2	8.9	7.6	6.2
kW	1.66	1.63	1.60	1.57	1.549	1.54	1.51	1.48	1.51	1.47	1.44	1.42	1.41	1.38	1.35	1.32	1.28	1.25
Amps	6.3	5.9	5.5	5.2	5.1	5.0	4.7	4.5	4.3	4.2	4.0	3.9	3.9	3.7	3.5	3.3	3.1	2.8
COP	3.73	3.59	3.45	3.29	3.17	3.10	2.94	2.76	2.08	1.96	1.85	1.77	1.72	1.58	1.43	1.28	1.12	0.94
EER	12.7	12.3	11.8	11.2	10.8	10.6	10.0	9.4	7.1	6.7	6.3	6.0	5.9	5.4	4.9	4.4	3.8	3.2
Hi PR	285	273	262	251	245	240	231	222	212	203	195	190	187	180	173	166	160	154
Lo PR	84	78	73	67	64	61	56	50	45	40	36	33	32	27	23	20	17	13

GSH130241A* / ARUF32-00*-1* / ARUF18241A*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	27.7	26.2	24.6	23.0	22.0	21.3	19.8	18.3	15.0	13.8	12.7	12.0	11.6	10.4	9.2	8.0	6.8	5.6
ΔT	31.2	29.6	27.8	26.0	24.8	24.1	22.4	20.6	16.9	15.6	14.3	13.6	13.0	11.7	10.4	9.1	7.7	6.3
kW	2.09	2.05	2.01	1.97	1.948	1.93	1.89	1.85	1.76	1.73	1.69	1.66	1.65	1.61	1.57	1.53	1.49	1.46
Amps	9.6	8.9	8.3	7.8	7.6	7.4	7.0	6.6	6.4	6.1	5.8	5.7	5.6	5.3	4.9	4.7	4.3	3.9
COP	3.87	3.73	3.58	3.42	3.30	3.23	3.06	2.89	2.48	2.34	2.20	2.11	2.05	1.89	1.71	1.53	1.34	1.13
EER	13.2	12.8	12.2	11.7	11.3	11.0	10.5	9.9	8.5	8.0	7.5	7.2	7.0	6.4	5.9	5.2	4.6	3.9
Hi PR	261	250	240	230	224	220	212	203	195	186	178	174	171	164	158	152	146	141
Lo PR	80	74	70	64	61	58	54	48	43	38	34	31	30	26	22	19	16	13

GSH130251A* / AWUF36XX1A*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	28.4	26.9	25.3	23.7	22.6	21.9	20.3	18.8	17.1	15.7	14.5	13.7	13.2	11.8	10.5	9.1	7.8	6.4
ΔT	32.1	30.4	28.6	26.7	25.5	24.7	23.0	21.2	19.3	17.8	16.4	15.5	14.9	13.4	11.8	10.3	8.8	7.2
kW	2.31	2.27	2.23	2.18	2.157	2.14	2.10	2.05	1.90	1.86	1.82	1.80	1.78	1.74	1.70	1.66	1.62	1.58
Amps	11.1	10.3	9.7	9.1	8.8	8.7	8.2	7.8	7.5	7.2	6.9	6.8	6.7	6.4	6.0	5.7	5.3	4.9
COP	3.59	3.47	3.33	3.17	3.07	3.00	2.84	2.67	2.62	2.48	2.33	2.23	2.17	1.99	1.81	1.61	1.41	1.19
EER	12.3	11.8	11.4	10.8	10.5	10.2	9.7	9.1	9.0	8.5	8.0	7.6	7.4	6.8	6.2	5.5	4.8	4.0
Hi PR	267	256	246	236	230	226	217	208	199	190	183	178	175	169	162	155	150	145
Lo PR	76	71	66	61	58	55	51	45	41	37	32	30	29	24	21	18	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

EXPANDED HEATING DATA (CONT.)

GS130301A* / ARUF42-00*-01* / ARUF30301A*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	33.7	31.9	30.0	28.1	26.8	26.0	24.1	22.2	17.4	16.1	14.8	14.0	13.5	12.1	10.7	9.4	8.0	6.5
ΔT	29.7	28.1	26.5	24.7	23.6	22.9	21.3	19.6	15.4	14.2	13.1	12.3	11.9	10.7	9.5	8.2	7.0	5.8
kW	2.41	2.36	2.32	2.27	2.244	2.22	2.18	2.13	2.08	2.04	1.99	1.96	1.95	1.90	1.85	1.81	1.76	1.72
Amps	11.1	10.3	9.6	9.1	8.7	8.6	8.1	7.7	7.3	7.0	6.7	6.5	6.4	6.1	5.7	5.3	4.9	4.4
COP	4.09	3.95	3.79	3.62	3.50	3.42	3.24	3.05	2.45	2.31	2.18	2.09	2.03	1.86	1.69	1.51	1.32	1.11
EER	14.0	13.5	13.0	12.4	11.9	11.7	11.1	10.4	8.4	7.9	7.4	7.1	6.9	6.4	5.8	5.2	4.5	3.8
Hi PR	234	224	216	206	202	198	190	182	175	167	160	156	154	148	142	136	131	127
Lo PR	76	70	66	61	57	55	51	45	41	36	32	30	29	24	21	18	15	12

GS130311A* / AWB36-XX / AWUF36XX1A*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	32.2	30.5	28.7	26.8	25.6	24.8	23.0	21.2	23.7	21.8	20.1	19.0	18.3	16.4	14.5	12.7	10.8	8.9
ΔT	28.4	26.9	25.3	23.6	22.6	21.9	20.3	18.7	20.9	19.3	17.7	16.7	16.1	14.5	12.8	11.2	9.5	7.8
kW	2.55	2.49	2.44	2.39	2.355	2.33	2.28	2.23	2.00	1.95	1.90	1.87	1.86	1.81	1.76	1.71	1.66	1.62
Amps	12.6	11.7	11.0	10.3	10.0	9.8	9.3	8.8	8.5	8.1	7.7	7.6	7.5	7.1	6.7	6.3	5.9	5.3
COP	3.70	3.58	3.44	3.29	3.18	3.11	2.96	2.79	3.47	3.28	3.09	2.97	2.89	2.66	2.42	2.17	1.90	1.61
EER	12.6	12.2	11.8	11.2	10.9	10.6	10.1	9.5	11.8	11.2	10.6	10.1	9.9	9.1	8.3	7.4	6.5	5.5
Hi PR	254	243	234	224	218	214	206	198	189	181	174	170	166	160	154	148	142	137
Lo PR	76	71	66	61	57	55	51	45	41	36	32	30	29	24	21	18	15	12

GS130361A* / ARUF49-00*-1* / ARUF36421A*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	40.2	38.1	35.8	33.5	32.0	31.0	28.8	26.6	19.9	18.4	16.9	16.0	15.4	13.8	12.3	10.7	9.1	7.5
ΔT	29.2	27.7	26.0	24.3	23.2	22.5	20.9	19.3	14.5	13.4	12.3	11.6	11.2	10.0	8.9	7.8	6.6	5.4
kW	2.90	2.84	2.79	2.73	2.703	2.68	2.63	2.58	2.42	2.37	2.32	2.29	2.27	2.22	2.17	2.12	2.07	2.02
Amps	13.0	12.1	11.3	10.7	10.3	10.1	9.5	9.1	8.7	8.3	7.9	7.7	7.6	7.3	6.8	6.4	5.9	5.4
COP	4.07	3.92	3.76	3.59	3.46	3.39	3.21	3.02	2.41	2.27	2.14	2.05	1.99	1.82	1.65	1.48	1.29	1.08
EER	13.9	13.4	12.9	12.3	11.8	11.6	11.0	10.3	8.2	7.8	7.3	7.0	6.8	6.2	5.7	5.0	4.4	3.7
Hi PR	230	221	212	203	198	194	187	179	172	164	158	154	151	145	140	134	129	125
Lo PR	80	74	70	64	60	58	54	48	43	38	34	31	30	26	22	19	16	13

GS130363A* / ARUF49-00*-1* / ARUF36421A*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	40.2	38.1	35.8	33.5	32.0	31.0	28.8	26.6	19.9	18.4	16.9	16.0	15.4	13.8	12.3	10.7	9.1	7.5
ΔT	29.2	27.7	26.0	24.3	23.2	22.5	20.9	19.3	14.5	13.4	12.3	11.6	11.2	10.0	8.9	7.8	6.6	5.4
kW	2.80	2.75	2.70	2.64	2.613	2.59	2.54	2.49	2.47	2.41	2.36	2.33	2.31	2.25	2.20	2.15	2.09	2.04
Amps	11.0	10.2	9.6	9.1	8.7	8.6	8.1	7.7	7.4	7.1	6.8	6.6	6.5	6.2	5.8	5.5	5.1	4.7
COP	4.20	4.05	3.89	3.71	3.58	3.50	3.32	3.13	2.36	2.23	2.10	2.01	1.95	1.79	1.63	1.46	1.27	1.07
EER	14.4	13.9	13.3	12.7	12.2	12.0	11.3	10.7	8.1	7.6	7.2	6.9	6.7	6.1	5.6	5.0	4.4	3.7
Hi PR	219	210	202	193	189	185	178	171	164	156	150	146	144	138	133	128	123	119
Lo PR	78	72	67	62	58	56	52	46	42	37	33	30	29	25	21	18	16	12

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

Amps = Outdoor unit amps (comp.+fan)

Low pressure is measured at the gauge port connection.

kW = Total system power

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

PRODUCT SPECIFICATIONS

EXPANDED HEATING DATA (CONT.)

GSH130421A* / ARUF49-00*-1* / ARUF36421A*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	49.0	46.4	43.7	40.8	39.0	37.8	35.1	32.4	28.7	26.5	24.4	23.0	22.1	19.9	17.6	15.4	13.1	10.7
ΔT	30.3	28.6	27.0	25.2	24.1	23.3	21.7	20.0	17.7	16.3	15.0	14.2	13.7	12.3	10.9	9.5	8.1	6.6
kW	3.59	3.52	3.46	3.39	3.350	3.32	3.26	3.19	3.08	3.01	2.95	2.91	2.88	2.82	2.75	2.69	2.62	2.56
Amps	16.7	15.5	14.5	13.6	13.1	12.9	12.1	11.5	11.0	10.5	10.0	9.8	9.7	9.2	8.6	8.1	7.4	6.7
COP	4.00	3.86	3.70	3.53	3.41	3.33	3.15	2.97	2.72	2.57	2.42	2.31	2.25	2.06	1.87	1.67	1.46	1.23
EER	13.7	13.2	12.6	12.1	11.6	11.4	10.8	10.1	9.3	8.8	8.3	7.9	7.7	7.1	6.4	5.7	5.0	4.2
Hi PR	237	227	218	209	204	200	192	184	177	169	162	158	155	149	144	138	133	128
Lo PR	75	70	65	60	57	54	50	45	40	36	32	29	28	24	21	17	15	12

GSH130481A* / ARUF61-00*-1* / ARUF48601A*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	54.1	51.2	48.2	45.0	43.0	41.7	38.7	35.7	33.6	31.1	28.6	27.0	26.0	23.3	20.7	18.0	15.4	12.6
ΔT	31.3	29.6	27.9	26.1	24.9	24.1	22.4	20.7	19.5	18.0	16.5	15.6	15.0	13.5	12.0	10.4	8.9	7.3
kW	3.84	3.77	3.70	3.63	3.587	3.56	3.49	3.42	3.34	3.27	3.20	3.16	3.13	3.06	3.00	2.93	2.86	2.79
Amps	18.1	16.8	15.7	14.8	14.3	14.0	13.2	12.5	12.0	11.5	10.9	10.7	10.5	10.0	9.3	8.8	8.1	7.3
COP	4.12	3.98	3.81	3.63	3.51	3.43	3.24	3.05	2.95	2.78	2.62	2.50	2.43	2.23	2.02	1.80	1.58	1.32
EER	14.1	13.6	13.0	12.4	12.0	11.7	11.1	10.4	10.1	9.5	8.9	8.5	8.3	7.6	6.9	6.2	5.4	4.5
Hi PR	224	215	207	198	193	189	182	175	167	160	154	150	147	142	136	131	126	121
Lo PR	74	69	64	59	56	54	49	44	40	35	31	29	28	24	20	17	15	12

GSH130483A* / ARUF61-00*-1* / ARUF48601A*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	54.1	51.2	48.2	45.0	43.0	41.7	38.7	35.7	33.6	31.1	28.6	27.0	26.0	23.3	20.7	18.0	15.4	12.6
ΔT	31.3	29.6	27.9	26.1	24.9	24.1	22.4	20.7	19.5	18.0	16.5	15.6	15.0	13.5	12.0	10.4	8.9	7.3
kW	3.71	3.64	3.57	3.50	3.454	3.42	3.35	3.28	3.34	3.26	3.19	3.14	3.11	3.04	2.96	2.89	2.81	2.74
Amps	14.6	13.6	12.7	12.0	11.6	11.3	10.7	10.2	9.8	9.3	8.9	8.7	8.6	8.2	7.7	7.2	6.7	6.1
COP	4.26	4.11	3.95	3.77	3.64	3.56	3.38	3.18	2.95	2.79	2.63	2.51	2.44	2.25	2.04	1.83	1.60	1.35
EER	14.6	14.1	13.5	12.9	12.4	12.2	11.5	10.9	10.1	9.5	9.0	8.6	8.4	7.7	7.0	6.2	5.5	4.6
Hi PR	224	215	206	197	193	189	182	174	167	159	153	149	147	141	136	130	126	121
Lo PR	73	68	64	58	55	53	49	44	39	35	31	29	28	23	20	17	15	12

EXPANDED HEATING DATA (CONT.)

GSH130601A* / ARUF61-00*-1* / ARUF48601A*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	69.8	66.0	62.2	58.1	55.5	53.8	50.0	46.1	43.6	40.3	37.1	35.0	33.7	30.2	26.8	23.4	20.0	16.3
ΔT	35.9	34.0	32.0	29.9	28.5	27.7	25.7	23.7	22.4	20.7	19.1	18.0	17.3	15.6	13.8	12.0	10.3	8.4
kW	5.04	4.95	4.85	4.75	4.699	4.66	4.57	4.47	4.30	4.21	4.11	4.06	4.02	3.93	3.84	3.75	3.65	3.56
Amps	22.7	21.0	19.6	18.4	17.8	17.4	16.4	15.6	14.9	14.2	13.5	13.2	13.0	12.4	11.5	10.8	10.0	9.0
COP	4.05	3.91	3.75	3.58	3.46	3.38	3.20	3.02	2.97	2.80	2.64	2.52	2.45	2.25	2.05	1.83	1.60	1.34
EER	13.8	13.4	12.8	12.2	11.8	11.5	10.9	10.3	10.1	9.6	9.0	8.6	8.4	7.7	7.0	6.2	5.5	4.6
Hi PR	255	244	235	225	219	215	207	198	190	182	174	170	167	161	155	148	143	138
Lo PR	75	70	65	60	57	54	50	45	40	36	32	29	28	24	21	17	15	12

GSH130603A* / ARUF61-00*-1* / ARUF48601A*

	Outdoor Ambient Temperature																	
	65	60	55	50	47	45	40	35	30	25	20	17	15	10	5	0	-5	-10
MBh	69.8	66.0	62.2	58.1	55.5	53.8	50.0	46.1	43.6	40.3	37.1	35.0	33.7	30.2	26.8	23.4	20.0	16.3
ΔT	35.9	34.0	32.0	29.9	28.5	27.7	25.7	23.7	22.4	20.7	19.1	18.0	17.3	15.6	13.8	12.0	10.3	8.4
kW	5.58	5.47	5.35	5.24	5.169	5.12	5.01	4.89	4.37	4.27	4.17	4.11	4.07	3.96	3.86	3.76	3.65	3.55
Amps	22.1	20.4	19.1	18.0	17.3	17.0	16.0	15.2	14.5	13.9	13.2	12.9	12.7	12.1	11.2	10.6	9.8	8.8
COP	3.66	3.54	3.40	3.25	3.14	3.07	2.92	2.75	2.92	2.76	2.60	2.49	2.43	2.23	2.03	1.82	1.60	1.35
EER	12.5	12.1	11.6	11.1	10.7	10.5	10.0	9.4	10.0	9.4	8.9	8.5	8.3	7.6	6.9	6.2	5.5	4.6
Hi PR	273	262	252	241	235	231	222	213	204	195	187	182	179	172	166	159	153	148
Lo PR	72	67	63	58	54	52	48	43	39	35	30	28	27	23	20	17	15	11

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

Amps = Outdoor unit amps (comp.+fan)

Low pressure is measured at the gauge port connection.

kW = Total system power

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

PERFORMANCE RATINGS

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				Heating Capacity (BTU/h)				ARI #		
	Indoor Coil	Furnace/Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens. ³	High	Low			
GSH13 0181A*	ADPF182416A*		18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	1038042	
	ADPF18241A*		18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	735155	
	ADPF18241B*		18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	1069210	
	AEPF183016A*		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	1038043	
	AEPF183016B*		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	1277840	
	AEPF18301A*		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	735122	
	AEP1030-00*-1*		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	735070	
	ARPF036-00B-1*		18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	735104	
	ARPF182416A*		18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	1038044	
	ARPF18241A*		18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	735242	
	ARPT032-00*-1*		18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	735119	
	ARUF032-00*-1*		18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	735244	
	ARUF182416A*		18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	1038045	
	ARUF18241A*		18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	735073	
	ASPF183016A*		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	1291677	
	CA*F030*2*	G*V80704B**		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	735054
	CA*F030*2*	G*V950453B**		18,000	13,100	13.50	11.80	16,700	13,100	16,800	7.70	8,600	735168
	CA*F030*2*+EEP			18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	735193
	CA*F030*2*	MBE1200**-1		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	1032335
	CA*F1824*6A*	G*E80704B**		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	1273326
	CA*F1824*6A*	G*V80704B**		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	735059
	CA*F1824*6A*	G*V950453B**		18,000	13,100	13.50	11.80	16,700	13,100	16,800	7.70	8,600	735141
	CA*F1824*6A*+EEP			18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	735078
	CA*F1824*6A*	MBE1200**-1		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	1032328
	CA*F1824*6B*	G*E80704B**		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	1347185
	CA*F1824*6B*	G*V80704B**		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	1347186
	CA*F1824*6B*	G*V950453B**		18,000	13,100	13.50	11.80	16,700	13,100	16,800	7.70	8,600	1347187
	CA*F1824*6B*+EEP			18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	1347188
	CA*F1824*6B*	MBE1200**-1		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	1346677
	CHPF030A2*+EEP			18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	735060
	CHPF042B2*	G*V80704B**		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	735176
	CHPF042B2*	G*V950453B**		18,000	13,100	13.50	11.80	16,700	13,100	16,800	7.70	8,600	735840
CHPF1824A6A*+EEP			18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	735085	
CHPF2430B6A*	G*E80704B**		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	1273327	
CHPF2430B6A*	G*V80704B**		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	735232	
CHPF2430B6A*	G*V950453B**		18,000	13,100	13.50	11.80	16,700	13,100	16,800	7.70	8,600	735991	
CHPF2430B6B*	G*E80704B**		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	1347582	
CHPF2430B6B*	G*V80704B**		18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	8,600	1330383	
CHPF2430B6B*	G*V950453B**		18,000	13,100	13.50	11.80	16,700	13,100	16,800	7.70	8,600	1330384	
CHPF2430B6B*+EEP			18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	8,600	1330382	

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)			Heating Capacity (BTU/h)			ARI #		
	Indoor Coil	Furnace/Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens.		High	Low
GSH13 0181A* (cont.)	CSCF1824N6A*	G*E80704B**	18,000	13,100	14.00	12.20	16,700	13,100	16,800	8,600	1273328
	CSCF1824N6A*	G*V80704B**	18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	735037
	CSCF1824N6A*	G*V950453B**	18,000	13,100	13.50	11.80	16,700	13,100	16,800	7.70	735816
	CSCF1824N6A**+EEP		18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	735127
	CSCF3036N6B*	G*E80704B**	18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	1296608
	CSCF3036N6B*	G*V80704B**	18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	1296609
	CSCF3036N6B*	G*V950453B**	18,000	13,100	13.50	11.80	16,700	13,100	16,800	7.70	1296610
	CSCF3036N6B**+EEP		18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	1296611
	H36F	G*V80704B**	18,000	13,100	14.00	12.20	16,700	13,100	16,800	8.00	735094
	H36F	G*V950453B**	18,000	13,100	13.50	11.80	16,700	13,100	16,800	7.70	735843
	H36F+EEP		18,000	13,100	13.00	11.50	16,700	13,100	16,800	7.70	735076
	AC30-XX		18,000	13,100	13.00	11.50	16,700	13,400	16,800	7.70	735878
	ACNF24XX1A*		18,000	13,100	13.00	11.50	16,700	13,400	16,800	7.70	735867
	ARPF18241A*		18,400	13,400	13.00	11.50	17,100	13,700	17,000	8.00	1038047
ARPF18241A*		18,400	13,400	13.00	11.50	17,100	13,700	17,000	8.00	1038048	
ARUF032-00*-1*		18,400	13,400	13.00	11.50	17,100	13,700	17,000	8.00	877504	
ARUF182416A*		18,400	13,400	13.00	11.50	17,100	13,700	17,000	8.00	1038046	
ARUF18241A*		18,400	13,400	13.00	11.50	17,100	13,700	17,000	8.00	877505	
ASPF183016A*		18,000	13,100	13.00	11.50	16,700	13,400	17,000	8.00	1291689	
AWB24-XX		18,000	13,100	13.00	11.50	16,700	13,400	16,800	7.80	735915	
AWUF18XX1A*		18,000	13,100	13.00	11.50	16,700	13,400	16,800	7.80	735876	
AWUF18XX1B*		18,000	13,100	13.00	11.50	16,700	13,400	16,800	7.80	1279577	
ADPF182416A*		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	1038049	
ADPF18241A*		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	735981	
AEPF183016A*		23,000	17,000	14.00	12.20	21,400	16,900	22,000	8.00	1038050	
AEPF183016B*		23,000	17,000	14.00	12.20	21,400	16,900	22,000	8.00	1277841	
AEPF18301A*		23,000	17,000	14.00	12.20	21,400	16,900	22,000	8.00	735175	
AEPF303616A*		23,400	17,300	14.00	12.20	21,800	17,200	22,000	8.00	1069243	
AEPF303616B*		23,400	17,300	14.00	12.20	21,800	17,200	22,000	8.00	1277842	
AEPF030-00*-1*		23,000	17,000	14.00	12.20	21,400	16,900	22,000	8.00	735243	
ARPF036-00B-1*		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	735044	
ARPF182416A*		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	1038051	
ARPF18241A*		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	735240	
ARPT032-00*-1*		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	735248	

¹ Seasonal Energy Efficiency Ratio; Certified per ARI 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

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)				TVA Ratings ³			Heating Capacity (BTU/h)			ARI #
	Indoor Coil	Furnace/Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low		
GSH13 0241A* (cont.)	ARUF032-00*-1*		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735045	
	ARUF182416A*		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	1038052	
	ARUF18241A*		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735204	
	ASPF183016A*		23,000	17,000	14.00	12.20	21,400	16,900	22,000	8.00	12,000	1291678	
	ASPF303616A*		23,400	17,300	14.00	12.20	21,800	17,200	22,000	8.00	12,000	1291691	
	AWB36-XX		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735063	
	AWUF30XX1A*		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	1330438	
	AWUF36XX1A*		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735253	
	CA*F030*2*	MBE1200**-1		23,000	17,000	14.00	12.20	21,400	16,900	22,000	8.00	12,000	1032338
	CA*F03*7*2*	G*V80704B**		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735166
	CA*F03*7*2*	G*V950453B**		23,000	17,000	13.00	11.80	21,400	16,900	22,000	7.70	12,000	735815
	CA*F03*7*2*+EEP			23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735039
	CA*F1824*6A*	MBE1200**-1		23,000	17,000	14.00	12.20	21,400	16,900	22,000	8.00	12,000	1032330
	CA*F1824*6B*	MBE1200**-1		23,000	17,000	14.00	12.20	21,400	16,900	22,000	8.00	12,000	1346678
	CA*F3030*6A*	G*E80704B**		23,000	17,000	14.00	12.20	21,400	16,900	22,000	7.70	12,000	1273329
	CA*F3030*6A*	G*V80704B**		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735093
	CA*F3030*6A*	G*V950453B**		23,000	17,000	13.00	11.80	21,400	16,900	22,000	7.70	12,000	735984
	CA*F3030*6A*+EEP			23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735188
	CA*F3030*6B*	G*E80704B**		23,000	17,000	14.00	12.20	21,400	16,900	22,000	7.70	12,000	1347189
	CA*F3030*6B*	G*V80704B**		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	1347190
	CA*F3030*6B*	G*V950453B**		23,000	17,000	13.00	11.80	21,400	16,900	22,000	7.70	12,000	1347191
	CA*F3030*6B*+EEP			23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	1347192
	CHPF030A2*+EEP			23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735838
	CHPF042B2*	G*V80704B**		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735226
	CHPF042B2*	G*V950453B**		23,000	17,000	13.50	11.80	21,400	16,900	22,000	7.70	12,000	735818
	CHPF1824A6A*+EEP			23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735847
	CHPF2430B6A*	G*E80704B**		23,000	17,000	14.00	12.20	21,400	16,900	22,000	7.70	12,000	1273330
	CHPF2430B6A*	G*V80704B**		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735147
	CHPF2430B6A*	G*V950453B**		23,000	17,000	13.50	11.80	21,400	16,900	22,000	7.70	12,000	735826
	CHPF2430B6B*	G*E80704B**		23,000	17,000	14.00	12.20	21,400	16,900	22,000	7.70	12,000	1347583
	CHPF2430B6B*	G*V80704B**		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	1330386
	CHPF2430B6B*	G*V950453B**		23,000	17,000	13.50	11.80	21,400	16,900	22,000	7.70	12,000	1330387
	CHPF2430B6B*+EEP			23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	1330385
	CSCF1824N6A*	G*E80704B**		23,000	17,000	14.00	12.20	21,400	16,900	22,000	7.70	12,000	1273331
	CSCF1824N6A*	G*V80704B**		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735152
	CSCF1824N6A*	G*V950453B**		23,000	17,000	13.50	11.80	21,400	16,900	22,000	7.70	12,000	735809
CSCF1824N6A*+EEP			23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735112	
CSCF3036N6B*	G*E80704B**		23,000	17,000	14.00	12.20	21,400	16,900	22,000	7.70	12,000	1347351	
CSCF3036N6B*	G*V80704B**		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	1296612	
CSCF3036N6B*	G*V950453B**		23,000	17,000	13.50	11.80	21,400	16,900	22,000	7.70	12,000	1296613	
CSCF3036N6B*+EEP			23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	1296614	
H36F	G*V80704B**		23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735211	
H36F	G*V950453B**		23,000	17,000	13.50	11.80	21,400	16,900	22,000	7.70	12,000	735821	
H36F+EEP			23,000	17,000	13.00	11.50	21,400	16,900	22,000	7.70	12,000	735252	

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Coil		Indoor Units		Cooling Capacity (BTU/h)			TVA Ratings ³			Heating Capacity (BTU/h)			ARI #
	Indoor Coil	Furnace/Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low			
GSH13 0251A*	AC30-XX		23,600	17,500	13.00	11.50	21,900	16,900	22,600	7.70	12,400	735208		
	ACNF24XX1A*		23,600	17,500	13.00	11.50	21,900	16,900	22,600	7.70	12,400	735217		
	ARPF182416A*		24,000	17,800	13.00	11.50	22,300	17,200	22,600	8.00	12,400	1038054		
	ARPF18241A*		24,000	17,800	13.00	11.50	22,300	17,200	22,600	8.00	12,400	1038055		
	ARUF032-00*-1*		24,000	17,800	13.00	11.50	22,300	17,200	22,600	8.00	12,400	877503		
	ARUF182416A*		24,000	17,800	13.00	11.50	22,300	17,200	22,600	8.00	12,400	1038053		
	ARUF18241A*		24,000	17,800	13.00	11.50	22,300	17,200	22,600	8.00	12,400	877506		
	ASPF183016A*		23,000	17,000	14.00	12.20	21,400	16,500	22,000	8.00	12,000	1291690		
	ASPF303616A*		23,400	17,300	14.00	12.20	21,800	16,800	23,600	7.80	12,400	1291794		
	AWB24-XX		23,400	17,300	13.00	11.50	21,800	16,800	22,600	7.80	12,400	735036		
	AWB36-XX		24,000	17,800	13.00	11.50	22,300	17,200	22,600	7.80	12,400	735040		
	AWUF24XX1A*		23,400	17,300	13.00	11.50	21,800	16,800	23,600	7.80	12,400	735231		
	AWUF24XX1B*		23,400	17,300	13.00	11.50	21,800	16,800	23,600	7.80	12,400	1279599		
	AWUF30XX1A*		24,000	17,800	13.00	11.50	22,300	17,200	22,600	7.80	12,400	1330439		
	AWUF36XX1A*		24,000	17,800	13.00	11.50	22,300	17,200	22,600	7.80	12,400	735238		
	ADPF304216A*		28,000	21,000	13.00	11.50	26,000	20,800	26,800	7.70	14,000	1038056		
	ADPF30421A*		28,000	21,000	13.00	11.50	26,000	20,800	26,800	7.70	14,000	735259		
	AEPF183016A*		28,000	21,000	14.00	12.20	26,000	20,800	26,800	8.00	14,000	1038057		
	AEPF183016B*		28,000	21,000	14.00	12.20	26,000	20,800	26,800	8.00	14,000	1277843		
	AEPF18301A*		28,000	21,000	14.00	12.20	26,000	20,800	26,800	8.00	14,000	735151		
AEPT030-00*-1*		28,000	21,000	14.00	12.20	26,000	20,800	26,800	8.00	14,000	735082			
AEPT036-00*-1*		29,000	21,800	14.00	12.20	27,000	21,600	26,800	8.00	14,000	1083284			
AR*F032-00*-1*+TXV		27,800	20,900	13.00	11.50	25,900	20,700	26,600	7.70	14,000	1347614			
AR*F18241**+TXV		27,800	20,900	13.00	11.50	25,900	20,700	26,600	7.70	14,000	1206583			
ARPF048-00B-1*		28,000	21,000	13.00	11.50	26,000	20,800	26,800	7.70	14,000	735090			
ARPF303016A*		28,000	21,000	13.00	11.50	26,000	20,800	26,800	7.70	14,000	1038058			
ARPF30301A*		28,000	21,000	13.00	11.50	26,000	20,800	26,800	7.70	14,000	735087			
ARPT042-00*-1*		28,000	21,000	13.00	11.50	26,000	20,800	26,800	7.70	14,000	735222			
ARUF042-00*-1*		28,000	21,000	13.00	11.50	26,000	20,800	26,800	7.70	14,000	735108			
ARUF303016A*		28,000	21,000	13.00	11.50	26,000	20,800	26,800	7.70	14,000	1038059			
ARUF30301A*		28,000	21,000	13.00	11.50	26,000	20,800	26,800	7.70	14,000	735228			
ASPF183016A*		28,000	21,000	14.00	12.20	26,000	20,800	26,800	8.00	14,000	1291679			
ASPF303616A*		28,400	21,300	14.00	12.20	26,400	21,100	26,800	8.00	14,000	1291884			
CA*F042*2*	G*V80704B**		28,000	21,000	14.00	12.20	26,000	20,800	26,800	8.00	14,000	735189		
CA*F042*2*	G*V90703B**		28,000	21,000	13.50	11.80	26,000	20,800	26,800	7.70	14,000	735824		
CA*F042*2*	G*V950453B**		28,000	21,000	13.50	11.80	26,000	20,800	26,800	7.70	14,000	735823		
CA*F042*2*+EEP			28,000	21,000	13.00	11.50	26,000	20,800	26,800	7.70	14,000	735841		
CA*F042*2*	MBE1200**,-1		28,000	21,000	14.00	12.20	26,000	20,800	26,800	8.00	14,000	1032325		

1 Seasonal Energy Efficiency Ratio; Certified per ARI 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

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Coils		Indoor Units		Cooling Capacity (BTU/h)			Heating Capacity (BTU/h)			ARI #
	Indoor Coil	Furnace/Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	Low	
GSH13 0301A* (cont.)	CA*F3131*6A*	G*V80704B**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	736494
	CA*F3131*6A*	G*V90703B**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	736495
	CA*F3131*6A*	G*V950453B**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	736496
	CA*F3131*6A*	G*V950704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	1038079
	CA*F3131*6A*+EEP	MBE1200**-1	28,000	21,000	13.50	11.50	26,000	20,800	26,800	14,000	735812
	CA*F3131*6A*	G*V80704B**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	1032298
	CA*F3131*6B*	G*V90703B**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	1348594
	CA*F3131*6B*	G*V950453B**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	1347194
	CA*F3131*6B*	G*V950704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	1347195
	CA*F3131*6B*	G*V950704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	1347193
	CA*F3131*6B*	G*V950704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	1347196
	CA*F3131*6B*+EEP	G*V950704C**	28,000	21,000	13.50	11.50	26,000	20,800	26,800	14,000	1347197
	CA*F3131*6B*	MBE1200**-1	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	1346679
	CA*F3636*6A*	G*E80704B**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	1273332
	CA*F3636*6B*	G*E80704B**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	1347198
	CHPF042B2*	G*V80704B**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	735106
	CHPF042B2*	G*V90704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	735219
	CHPF042B2*	G*V950704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	735817
	CHPF042B2*+EEP	G*V950704C**	28,000	21,000	13.50	11.50	26,000	20,800	26,800	14,000	735817
	CHPF2430B6A*	G*V80704B**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	735834
	CHPF2430B6A*	G*V90704C**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	735254
	CHPF2430B6A*	G*V90704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	735079
	CHPF2430B6A*	G*V950704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	735819
	CHPF2430B6A*+EEP	G*V950704C**	28,000	21,000	13.50	11.50	26,000	20,800	26,800	14,000	735808
	CHPF2430B6B*	G*V80704B**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	1348595
	CHPF2430B6B*	G*V90704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	1330389
	CHPF2430B6B*	G*V950704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	1330388
	CHPF2430B6B*	G*V950704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	1330390
	CHPF2430B6B*+EEP	G*V950704C**	28,000	21,000	13.50	11.50	26,000	20,800	26,800	14,000	1330391
	CHPF3636B6A*	G*E80704B**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	1273333
	CSCF3036N6A*	G*V80704B**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	735201
	CSCF3036N6A*	G*V90704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	735170
	CSCF3036N6A*	G*V950704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	735835
	CSCF3036N6A*+EEP	G*V950704C**	28,000	21,000	13.50	11.50	26,000	20,800	26,800	14,000	735829
	CSCF3036N6B*	G*V80704B**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	1296615
	CSCF3036N6B*	G*V90704B**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	1348596
	CSCF3036N6B*	G*V90704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	1296616
	CSCF3036N6B*	G*V950704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	1296617
	CSCF3036N6B*+EEP	G*V950704C**	28,000	21,000	13.50	11.50	26,000	20,800	26,800	14,000	1296618
	CSCF3642N6A*	G*E80704B**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	1273334
	CSCF3642N6C*	G*E80704B**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	1296585
	H49F	G*V80704B**	28,000	21,000	14.00	12.20	26,000	20,800	26,800	14,000	735041
	H49F	G*V90704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	735215
	H49F	G*V950704C**	28,000	21,000	13.50	11.80	26,000	20,800	26,800	14,000	735836
	H49F+EEP	G*V950704C**	28,000	21,000	13.50	11.50	26,000	20,800	26,800	14,000	735804

See Notes on Page 43.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)			Heating Capacity (BTU/h)			ARI #			
	Indoor Coil	Furnace/Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens.		HSPF ⁴	High	Low
GSH13 0311A*	AC36-XX		27,000	20,300	13.00	11.50	25,100	21,600	7.70	25,600	14,000	735095
	ACNF30XX1A*		27,000	20,300	13.00	11.50	25,100	21,600	7.70	25,600	14,000	735800
	ARPF303016A*		28,000	21,000	13.00	11.50	26,000	22,400	8.00	26,000	15,000	1038061
	ARPF30301A*		28,000	21,000	13.00	11.50	26,000	22,400	8.00	26,000	15,000	1038062
	ARUF042-00*-1*		28,000	21,000	13.00	11.50	26,000	22,400	8.00	26,000	15,000	1032341
	ARUF303016A*		28,000	21,000	13.00	11.50	26,000	22,400	8.00	26,000	15,000	1038060
	ARUF30301A*		28,000	21,000	13.00	11.50	26,000	22,400	8.00	26,000	15,000	1032340
	ASPF183016A*		28,000	21,000	14.00	12.20	26,000	22,400	8.00	26,800	14,000	1291692
	ASPF303616A*		28,400	21,300	14.00	12.20	26,400	22,700	8.00	26,800	14,000	1292148
	AWB36-XX		27,400	20,600	13.00	11.50	25,500	21,900	8.00	25,600	14,400	735171
	AWUF30XX1A*		27,400	20,600	13.00	11.50	25,500	21,900	8.00	25,600	14,400	1330440
	AWUF36XX1A*		27,400	20,600	13.00	11.50	25,500	21,900	8.00	25,600	14,400	735086
	ADPF304216A*		35,000	26,600	13.00	11.50	32,600	26,400	7.70	32,000	16,000	1038063
	ADPF30421A*		35,000	26,600	13.00	11.50	32,600	26,400	7.70	32,000	16,000	735230
	AEPF303616A*		35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	1038064
	AEPF303616B*		35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	1277844
	AEPF30361A*		35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	735159
	AEPT036-00*-1*		35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	735158
	AR*F363616A*		34,400	26,100	13.00	11.50	32,000	25,900	7.80	32,600	16,000	1273411
	ARPF048-00B-1*		35,000	26,600	13.00	11.50	32,600	26,400	7.70	32,000	16,000	735115
	ARPF364216A*		35,000	26,600	13.00	11.50	32,600	26,400	7.70	32,000	16,000	1038065
	ARPF36421A*		35,000	26,600	13.00	11.50	32,600	26,400	7.70	32,000	16,000	735132
	ARPT049-00*-1*		35,000	26,600	13.00	11.50	32,600	26,400	7.70	32,000	16,000	735180
	ARUF048-00*-1*		34,000	25,800	13.00	11.50	31,600	25,600	7.80	32,000	16,000	1069244
ARUF049-00*-1*		35,000	26,600	13.00	11.50	32,600	26,400	8.00	32,000	16,000	735837	
ARUF364216A*		35,000	26,600	13.00	11.50	32,600	26,400	7.70	32,000	16,000	1038066	
ARUF36421A*		35,000	26,600	13.00	11.50	32,600	26,400	8.00	32,000	16,000	735187	
ASPF303616A*		35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	1291680	
ASPF426016A*		35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	1292149	
CA*F060*2*		35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	735100	
CA*F060*2*	G*V80905C**	35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	735825	
CA*F060*2*	G*V81155C**	35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	735067	
CA*F060*2*	G*V90905D**	35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	735067	
CA*F060*2*	G*V950905D**	35,000	26,600	13.50	11.80	32,600	26,400	7.70	32,000	16,000	735978	
CA*F060*2*	G*V951155D**	35,000	26,600	13.50	11.80	32,600	26,400	7.70	32,000	16,000	735987	
CA*F060*2*+EEP		35,000	26,600	13.00	11.50	32,600	26,400	7.70	32,000	16,000	735822	
CA*F060*2*	MBE1600*-1	35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	1032336	
CA*F3636*6A*	G*V950704C**	33,600	25,000	13.50	11.80	31,200	24,800	8.00	32,000	16,000	1350896	
CA*F3636*6A*+TXV	G*V950704C**	33,600	25,000	13.70	12.00	31,200	24,800	8.00	32,000	16,000	1352844	
CA*F3642*6A*	G*E80905C**	35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	1273341	
CA*F3642*6A*	G*V80905C**	35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	735976	
CA*F3642*6A*	G*V81155C**	35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	735827	
CA*F3642*6A*	G*V90905D**	35,000	26,600	14.00	12.20	32,600	26,400	8.00	32,000	16,000	735996	
CA*F3642*6A*	G*V950704C**	34,000	25,500	13.50	11.80	31,600	25,000	8.00	32,000	16,000	1352842	
CA*F3642*6A*	G*V950905D**	35,000	26,600	13.50	11.80	32,600	26,400	7.70	32,000	16,000	735977	

See Notes on Page 43.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)			Heating Capacity (BTU/h)			ARI #			
	Indoor Coil	Furnace/Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens.		High	Low	
GSH13 0361A* (cont.)	CA*F3642*6A*	G*V951155D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	735995
	CA*F3642*6A*+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	735839
	CA*F3642*6A*	MBE1600*-1	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1032337
	CA*F3642*6A*+TXV	G*V90704C**	34,400	26,000	13.50	11.80	31,600	25,000	32,000	8.00	16,000	1352847
	CA*F3642*6A*+TXV	G*V950704C**	34,000	25,500	13.70	12.00	31,600	25,000	32,000	8.00	16,000	1352845
	CA*F3642*6B*	G*E80905C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1348597
	CA*F3642*6B*	G*V80905C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1347200
	CA*F3642*6B*	G*V81155C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1347201
	CA*F3642*6B*	G*V90905D**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1347202
	CA*F3642*6B*	G*V950905D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	1347203
	CA*F3642*6B*	G*V951155D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	1347199
	CA*F3642*6B*	G*V951155D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	1347204
	CA*F3642*6B*+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	1347205
	CA*F3642*6B*	MBE1600*-1	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1346680
	CHPF048D2*	G*V90905D**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	735848
	CHPF048D2*	G*V950905D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	735993
	CHPF048D2*	G*V951155D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	735983
	CHPF048D2*+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	735845
	CHPF3636B6A*+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	735806
	CHPF3636B6B*+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	1330392
	CHPF3642C6A*	G*E80905C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1273342
	CHPF3642C6A*	G*V80905C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	7.70	16,000	735831
	CHPF3642C6A*	G*V81155C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	735805
	CHPF3642C6A*+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	735803
	CHPF3642C6B*	G*E80905C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1347594
	CHPF3642C6B*	G*V80905C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	7.70	16,000	1348598
	CHPF3642C6B*	G*V81155C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1330393
	CHPF3642C6B*	G*V81155C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1330394
CHPF3642C6B*+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	1330395	
CHPF3642D6A*	G*V90905D**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	735828	
CHPF3642D6A*	G*V950905D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	735997	
CHPF3642D6A*	G*V951155D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	735985	
CHPF3642D6A*+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	735810	
CHPF3642D6B*	G*V90905D**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1348599	
CHPF3642D6B*	G*V950905D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	1330397	
CHPF3642D6B*	G*V951155D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	1330396	
CHPF3642D6B*	G*V951155D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	1330398	
CHPF3642D6B*+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	1330399	
CSCF3642N6A*	G*E80905C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1273343	
CSCF3642N6A*	G*V80905C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	735988	

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Coil		Indoor Units		Cooling Capacity (BTU/h)			Heating Capacity (BTU/h)			ARI #	
	Indoor Coil	Furnace/Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	Low		
GSH13 0361A* (cont.)	CSCF3642N6A*	G*V81155C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	735982
	CSCF3642N6A*	G*V90905D**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	735830
	CSCF3642N6A*	G*V950905D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	735990
	CSCF3642N6A*	G*V951155D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	735975
	CSCF3642N6A*+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	735814
	CSCF3642N6C*	G*E80905C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1348600
	CSCF3642N6C*	G*V80905C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1296597
	CSCF3642N6C*	G*V81155C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1296598
	CSCF3642N6C*	G*V90905D**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1296599
	CSCF3642N6C*	G*V950905D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	1296600
	CSCF3642N6C*	G*V951155D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	1296601
	CSCF3642N6C*+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	1296602
	H60F	G*V80905C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	735120
	H60F	G*V81155C**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	735842
	H60F	G*V90905D**	35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	735068
	H60F	G*V950905D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	735992
H60F	G*V951155D**	35,000	26,600	13.50	11.80	32,600	26,400	32,000	7.70	16,000	735974	
H60F+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	735811	
ADPF304216A*		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	1038099	
ADPF30421A*		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	735888	
AEPF303616A*		35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1038088	
AEPF303616B*		35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1277845	
AEPF30361A*		35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	735902	
AEPF036-00*-1*		35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	735883	
ARPF048-00B-1*		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	735900	
ARPF364216A*		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	1038087	
ARPF36421A*		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	735908	
ARPT049-00*-1*		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	735868	
ARUF049-00*-1*		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	735864	
ARUF364216A*		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	1038086	
ARUF36421A*		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	735898	
ASPF303616A*		35,000	26,600	14.00	12.20	32,600	26,400	32,000	8.00	16,000	1291684	
CA*F060*2*+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	7.70	16,000	735887	

¹ Seasonal Energy Efficiency Ratio; Certified per ARI 210/240 @ 80°F/ 67°F/ 95°F

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

² Energy Efficiency Ratio @ 80°F/ 67°F/ 95°F

⁴ HSPF = Heating Seasonal Performance Factor

Notes:

- Always check the S&R plate for electrical data on the unit being installed.
- When matching the outdoor unit to the indoor unit, use the piston supplied with the outdoor unit or that 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

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)			Heating Capacity (BTU/h)			ARI #		
	Indoor Coil	Furnace/Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens.		High	Low
GSH13 0363A* (cont.)	CA*F3642*6A**+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	16,000	735861
	CA*F3642*6B**+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	16,000	1347206
	CHPF048D2**+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	16,000	735852
	CHPF3636B6A**+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	16,000	735854
	CHPF3636B6B**+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	16,000	1330400
	CHPF3642C6A**+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	16,000	735914
	CHPF3642C6B**+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	16,000	1330401
	CHPF3642D6A**+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	16,000	735884
	CHPF3642D6B**+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	16,000	1330402
	CSCF3642N6A**+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	16,000	735856
	CSCF3642N6C**+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	16,000	1296603
	H60F+EEP		35,000	26,600	13.00	11.50	32,600	26,400	32,000	16,000	735905
	ADPF304216A*		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	1038067
	ADPF30421A*		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	735223
	AEPF426016A*		41,000	31,200	14.00	12.20	38,100	30,100	39,500	23,000	1038068
	AEPF426016B*		41,000	31,200	14.00	12.20	38,100	30,100	39,500	23,000	1277846
	AEPF42601A*		41,000	31,200	14.00	12.20	38,100	30,100	39,500	23,000	735088
	AEPF060-00*-1*		41,000	31,200	14.00	12.20	38,100	30,100	39,500	23,000	735234
	ARPF048-00B-1*		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	735206
	ARPF364216A*		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	1038069
ARPF36421A*		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	735258	
ARPT049-00*-1*		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	735077	
ARUF049-00*-1*		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	735109	
ARUF364216A*		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	1038070	
ARUF36421A*		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	735150	
ASPF426016A*		41,000	31,200	14.00	12.20	38,100	30,100	39,500	23,000	1291681	
CA*F060*2**+EEP		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	735909	
CA*F060*2*	MBE1600**,-1	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1032339	
CA*F061*2*	G*V80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	735247	
CA*F061*2*	G*V81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	735807	
CA*F061*2*	G*V90905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735105	
CA*F061*2*	G*V950905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735197	
CA*F061*2*	G*V951155D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735191	
CA*F3642*6A**+EEP		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	735863	
CA*F3642*6A*	MBE1600**,-1	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1032342	
CA*F3642*6B**+EEP		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	1347207	
CA*F3642*6B*	MBE1600**,-1	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1346681	
CA*F4860*6A*	G*E80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1273344	
CA*F4860*6A*	G*E81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1273358	
CA*F4860*6A*	G*V80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	735129	

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Coil		Indoor Units		Cooling Capacity (BTU/h)			Heating Capacity (BTU/h)			ARI #
	Indoor Coil	Furnace/ Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	Low	
GSH13 0421A* (cont.)	CA*F4860*6A*	G*V81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	735218
	CA*F4860*6A*	G*V90905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735820
	CA*F4860*6A*	G*V950905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	1031642
	CA*F4860*6A*	G*V951155D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735250
	CA*F4860*6B*	G*E80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1346682
	CA*F4860*6B*	G*E81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1346683
	CA*F4860*6B*	G*V80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1346684
	CA*F4860*6B*	G*V81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1346685
	CA*F4860*6B*	G*V90905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	1346686
	CA*F4860*6B*	G*V950905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	1346687
	CA*F4860*6B*	G*V951155D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	1346688
	CHPF048D2*+EEP		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	735904
	CHPF060D2*	G*V80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	735071
	CHPF060D2*	G*V81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	735186
	CHPF060D2*	G*V90905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735153
	CHPF060D2*	G*V950905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735813
	CHPF060D2*	G*V951155D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735989
	CHPF3642C6A*+EEP		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	735860
	CHPF3642C6B*+EEP		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	1330403
	CHPF3642D6A*+EEP		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	735906
	CHPF3642D6B*+EEP		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	1330404
	CHPF4860*6A*	G*E80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1273345
	CHPF4860*6A*	G*E81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1273359
	CHPF4860*6A*	G*V80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	735161
	CHPF4860*6A*	G*V81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	735103
	CHPF4860*6A*	G*V90905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735135
	CHPF4860*6A*	G*V950905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735986
	CHPF4860*6A*	G*V951155D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735994
CHPF4860D6C*	G*E80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1347595	
CHPF4860D6C*	G*E81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1347596	
CHPF4860D6C*	G*V80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1330405	
CHPF4860D6C*	G*V81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1330406	
CHPF4860D6C*	G*V90905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	1330407	
CHPF4860D6C*	G*V950905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	1330408	

¹ Seasonal Energy Efficiency Ratio; Certified per ARI 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

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Coil		Indoor Units		Cooling Capacity (BTU/h)			Heating Capacity (BTU/h)			ARI #
	Indoor Coil	Furnace/Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	Low	
GSH13 0421A* (cont.)	CHPF4860D6C*	G*V951155D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	1330409
	CSCF3642N6A*+EEP		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	735885
	CSCF3642N6C*+EEP		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	1296604
	CSCF4860N6A*	G*E80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1273346
	CSCF4860N6A*	G*E81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1273360
	CSCF4860N6A*	G*V80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	735221
	CSCF4860N6A*	G*V81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	735098
	CSCF4860N6A*	G*V90905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735062
	CSCF4860N6A*	G*V950905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735801
	CSCF4860N6A*	G*V951155D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735980
	CSCF4860N6C*	G*E80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1296619
	CSCF4860N6C*	G*E81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1296620
	CSCF4860N6C*	G*V80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1296621
	CSCF4860N6C*	G*V81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	1296622
	CSCF4860N6C*	G*V90905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	1296623
	CSCF4860N6C*	G*V950905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	1296624
	CSCF4860N6C*	G*V951155D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	1296625
	H60F+EEP		40,000	30,400	13.00	11.50	37,200	29,400	39,000	23,000	735859
	H61F	G*V80905C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	735178
	H61F	G*V81155C**	41,000	31,200	14.00	12.20	38,100	30,100	39,000	23,000	735089
H61F	G*V90905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735164	
H61F	G*V950905D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735101	
H61F	G*V951155D**	41,000	31,200	13.50	11.80	38,100	30,100	39,000	23,000	735979	
ADPF486016A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	1038071	
ADPF48601A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	735140	
AEPF426016A*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	1038072	
AEPF426016B*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	1277847	
AEPF42601A*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	735224	
AEPT060-00*-1*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	735091	
ARPF060-00B-1*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	735058	
ARPF486016A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	1038073	
ARPF48601A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	735227	
ARPT061-00*-1*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	735172	
ARUF061-00*-1*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	735130	
ARUF486016A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	1038074	
ARUF48601A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	735225	
ASPF426016A*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	1291682	
CA*F061*2*	G*V80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	735245	
CA*F061*2*	G*V81155C**	45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	735220	
CA*F061*2*	G*V90905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	735133	

See Notes on Page 49.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)			Heating Capacity (BTU/h)			ARI #		
	Indoor Coil	Furnace/Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens.		High	Low
GSH13 0481A* (cont.)	CA*F061*Z*	G*V950905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	735080
	CA*F061*Z*	G*V951155D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	735138
	CA*F061*Z*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	735891
	CA*F061*Z*	MBE2000*-1	45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	1032331
	CA*F4860*6A*	G*E80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	1273347
	CA*F4860*6A*	G*E81155C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	1273361
	CA*F4860*6A*	G*V80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	735092
	CA*F4860*6A*	G*V81155C**	45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	735213
	CA*F4860*6A*	G*V90905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	735998
	CA*F4860*6A*	G*V950905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	735179
	CA*F4860*6A*	G*V951155D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	735107
	CA*F4860*6A*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	735858
	CA*F4860*6A*	MBE2000*-1	45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	1032333
	CA*F4860*6B*	G*E80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	1346689
	CA*F4860*6B*	G*E81155C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	1346690
	CA*F4860*6B*	G*V80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	1346691
	CA*F4860*6B*	G*V81155C**	45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	1346692
	CA*F4860*6B*	G*V90905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	1346693
	CA*F4860*6B*	G*V950905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	1346694
	CA*F4860*6B*	G*V951155D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	1346695
	CA*F4860*6B*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	1347208
	CA*F4860*6B*	MBE2000*-1	45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	1346696
	CHPF060D2*	G*V80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	735057
	CHPF060D2*	G*V81155C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	735160
	CHPF060D2*	G*V90905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	735052
	CHPF060D2*	G*V950905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	736534
	CHPF060D2*	G*V951155D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	736530
	CHPF060D2*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	735882
CHPF4860D6A*	G*E80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	1273348	
CHPF4860D6A*	G*E81155C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	1273362	
CHPF4860D6A*	G*V80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	735102	
CHPF4860D6A*	G*V81155C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	735051	
CHPF4860D6A*	G*V90905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	735200	
CHPF4860D6A*	G*V950905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	736529	
CHPF4860D6A*	G*V951155D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	736540	
CHPF4860D6A*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	735881	
CHPF4860D6A*	MBE2000*-1	45,000	34,200	14.00	12.20	41,900	33,900	45,000	26,000	1069387	
CHPF4860D6C*	G*E80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	1347598	
CHPF4860D6C*	G*E81155C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	1347599	
CHPF4860D6C*	G*V80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	1330410	

See Notes on Page 49.

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)		TVA Ratings ³		Heating Capacity (BTU/h)		ARI #			
	Indoor Coil	Furnace/Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens.		High	Low	HSPF ⁴
GSH13 0481A* (cont.)	CHPF4860D6C*	G*V81155C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	1330411
	CHPF4860D6C*	G*V90905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	1330412
	CHPF4860D6C*	G*V950905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	1330413
	CHPF4860D6C*	G*V951155D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	1330414
	CHPF4860D6C*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	8.20	1330415
	CHPF4860D6C*	MBE2000**-1	45,000	34,200	14.00	12.20	41,900	33,900	45,000	26,000	8.50	1347597
	CSCF4860N6A*	G*E80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	1273349
	CSCF4860N6A*	G*E81155C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	1273363
	CSCF4860N6A*	G*V80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	735055
	CSCF4860N6A*	G*V81155C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	735237
	CSCF4860N6A*	G*V90905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	735203
	CSCF4860N6A*	G*V950905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	736531
	CSCF4860N6A*	G*V951155D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	736541
	CSCF4860N6A*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	8.20	735879
	CSCF4860N6C*	G*E80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	1296626
	CSCF4860N6C*	G*E81155C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	1296627
	CSCF4860N6C*	G*V80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	1296628
	CSCF4860N6C*	G*V81155C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	1296629
	CSCF4860N6C*	G*V90905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	1296630
	CSCF4860N6C*	G*V950905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	1296631
CSCF4860N6C*	G*V951155D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	1296632	
CSCF4860N6C*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	8.20	1296633	
H61F	G*V80905C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	735139	
H61F	G*V81155C**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	735075	
H61F	G*V90905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	735066	
H61F	G*V950905D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	736532	
H61F	G*V951155D**	45,000	34,200	13.50	11.80	41,900	33,900	43,000	27,000	8.30	736535	
H61F+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	8.20	735862	
ADPF486016A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	8.20	1038085	
ADPF48601A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	8.20	872433	
AEPF426016A*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	8.40	1038098	
AEPF426016B*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	8.40	1277848	
AEPF42601A*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	8.40	872423	
AEPT060-00*-1*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	27,000	8.40	872409	
ARPF060-00B-1*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	27,000	8.20	872416	

1 Seasonal Energy Efficiency Ratio; Certified per ARI 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

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Units		Cooling Capacity (BTU/h)			TVA Ratings ³			Heating Capacity (BTU/h)			ARI #
	Indoor Coil	Furnace/Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	HSPF ⁴	Low	
GSH13 0483A* (cont.)	ARPF486016A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	1038097
	ARPF48601A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	872438
	ARPT061-00*-1*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	872432
	ARUF061-00*-1*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	872439
	ARUF486016A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	1038096
	ARUF48601A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	872436
	ASPF426016A*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	8.40	27,000	1291686
	CA*F061*2*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	869429
	CA*F4860*6A*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	869455
	CA*F4860*6B*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	1347209
	CHPF060D2*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	869452
	CHPF4860D6A*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	869446
	CHPF4860D6C*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	1330416
	CSCF4860N6A*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	869439
	CSCF4860N6C*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	1296634
	H61F+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	869453
	ADPF486016A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	1038095
	ADPF48601A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	872413
	AEPF426016A*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	8.40	27,000	1038094
	AEPF426016B*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	8.40	27,000	1277849
AEPF42601A*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	8.40	27,000	872414	
AEPT060-00*-1*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	8.40	27,000	872421	
ARPF060-00B-1*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	872428	
ARPF486016A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	1038093	
ARPF48601A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	872429	
ARPT061-00*-1*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	872435	
ARUF061-00*-1*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	872419	
ARUF486016A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	1038092	
ARUF48601A*		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	872426	
ASPF426016A*		45,000	34,200	14.00	12.20	41,900	33,900	43,000	8.40	27,000	1291688	
CA*F061*2*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	869477	
CA*F4860*6A*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	869476	
CA*F4860*6B*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	1347210	
CHPF060D2*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	869472	
CHPF4860D6A*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	869447	
CHPF4860D6C*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	1330417	
CSCF4860N6A*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	869443	
CSCF4860N6C*+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	1296635	
H61F+EEP		45,000	34,200	13.00	11.50	41,900	33,900	43,000	8.20	27,000	869434	

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Coil		Indoor Units		Cooling Capacity (BTU/h)			TVA Ratings ³			Heating Capacity (BTU/h)			ARI #
	Indoor Coil	Furnace/ Blower	Total	Sens.	SEER ¹	EER ²	Total	Total	Sens.	High	High	HSPF ⁴	Low	
	ADPF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	1038075	
	ADPF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	735212	
	AEPF426016A*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.60	35,000	1038076	
	AEPF426016B*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.60	35,000	1277850	
	AEPF426016A*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.60	35,000	735084	
	AEPF060-00*-1*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.60	35,000	735069	
	ARPF060-00B-1*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	735163	
	ARPF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	1038077	
	ARPF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	735083	
	ARPT061-00*-1*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	735192	
	ARUF061-00*-1*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	735167	
	ARUF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	1038078	
	ARUF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	735214	
	ASPF426016A*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.60	35,000	1291687	
	ASPF426016A*+TXV		55,500	40,000	14.00	12.20	51,600	39,700	55,500	55,500	8.60	35,000	1292150	
	CA*F061*2*	G*V80905C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	735199	
	CA*F061*2*	G*V81155C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	735251	
	CA*F061*2*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	735873	
	CA*F061*2*-1	MBE2000**	55,500	40,000	13.50	11.80	51,600	39,700	55,500	55,500	8.60	35,000	1032334	
	CA*F4860*6A*	G*V80905C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	735149	
	CA*F4860*6A*	G*V81155C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	735148	
	CA*F4860*6A*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	735870	
	CA*F4860*6A*	MBE2000**	55,500	40,000	13.50	11.80	51,600	39,700	55,500	55,500	8.60	35,000	1032332	
	CA*F4860*6B*	G*V80905C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	1346697	
	CA*F4860*6B*	G*V81155C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	1346698	
	CA*F4860*6B*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	1347211	
	CA*F4860*6B*-1	MBE2000**	55,500	40,000	13.50	11.80	51,600	39,700	55,500	55,500	8.60	35,000	1346699	
	CHPF060D2*	G*V80905C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	735195	
	CHPF060D2*	G*V81155C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	735046	
	CHPF060D2*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	735907	
	CHPF4860*6A*	G*V80905C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	735137	
	CHPF4860*6A*	G*V81155C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	735154	
	CHPF4860D6A*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	735911	
	CHPF4860D6C*	G*V80905C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	1330418	
	CHPF4860D6C*	G*V81155C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	1330419	
	CHPF4860D6C*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	1330420	
	CSCF4860N6A*	G*V80905C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	735124	
	CSCF4860N6A*	G*V81155C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	735110	
	CSCF4860N6A*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	735855	
	CSCF4860N6C*	G*V80905C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	1296636	
	CSCF4860N6C*	G*V81155C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	1296637	
	CSCF4860N6C*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	1296638	
	H61F	G*V80905C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	735043	
	H61F	G*V81155C**	55,500	40,000	13.30	11.70	51,600	39,700	55,500	55,500	8.50	35,000	735145	
	H61F+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	55,500	8.50	35,000	735910	

GSH13
0601A*

PERFORMANCE RATINGS (CONT.)

Outdoor Unit	Indoor Coil		Indoor Units		Cooling Capacity (BTU/h)		TVA Ratings ³		Heating Capacity (BTU/h)		ARI #
	Indoor Coil	Furnace/ Blower	Total	Sens.	SEER ¹	EER ²	Total	Sens.	High	Low	
GSH13 0603A*	ADPF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	1038091
	ADPF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	872420
	AEPF426016A*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	8.60	1038090
	AEPF426016B*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	8.60	1277851
	AEPF426016A*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	8.60	872415
	AEPF426016A*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	8.60	872418
	ARPF060-00B-1*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	872408
	ARPF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	1038089
	ARPF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	872424
	ARPF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	872417
	ARUF061-00*-1*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	872427
	ARUF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	1038082
	ARUF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	872411
	ASPF426016A*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	8.60	1291685
	CA*F061*2*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	869428
	CA*F4860*6A*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	869433
	CA*F4860*6B*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	1347212
	CHPF060D2*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	869435
	CHPF4860D6A*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	869479
	CHPF4860D6C*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	1330421
CSCF4860N6A*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	869478	
CSCF4860N6C*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	1296639	
H61F+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	869466	
GSH13 0604A*	ADPF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	1038083
	ADPF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	872410
	AEPF426016A*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	8.60	1038084
	AEPF426016B*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	8.60	1277852
	AEPF426016A*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	8.60	872425
	AEPF426016A*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	8.60	872437
	AEPT060-00*-1*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	872430
	ARPF060-00B-1*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	1038080
	ARPF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	872412
	ARPF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	872422
	ARUF061-00*-1*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	872431
	ARUF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	1038081
	ARUF486016A*		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	872434
	ASPF426016A*		55,500	40,000	13.30	11.70	51,600	39,700	55,500	8.60	1291683
	CA*F061*2*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	869458
	CA*F4860*6A*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	869469
	CA*F4860*6B*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	1347213
	CHPF060D2*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	869451
	CHPF4860D6A*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	869431
	CHPF4860D6C*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	1330422
CSCF4860N6A*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	869436	
CSCF4860N6C*+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	1296640	
H61F+EEP		55,500	40,000	13.00	11.50	51,600	39,700	55,500	8.50	869463	

PRODUCT SPECIFICATIONS

ACCESSORIES

Model	Description	GSH13 018	GSH13 024	GSH13 030	GSH13 036	GSH13 042	GSH13 048	GSH13 060
ABK-20	Anchor Bracket Kit ▼	X	X	X	X	X	X	X
AFE18-60A	All-fuel Kit	X	X	X	X	X	X	X
ASC01	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
OT/EHR18-60	Emergency Heat Relay kit	X	X	X	X	X	X	X
OT18-60A ²	Outdoor Thermostat with Lockout Stat	X	X	X	X	X	X	X
TX3N2 ³	TXV Kit -- Field-installed, non-bleed, expansion valve kit	X	X	X	X			
TX5N2 ³	TXV Kit -- Field-installed, non-bleed, expansion valve 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 Condensing units and heat pumps with reciprocating compressors require the use of start-assist components when used in conjunction with an indoor coil using a non-bleed thermal expansion valve refrigerant metering device.



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