



Air Conditioning & Heating



1 1/2 TO 5 TON

PRODUCT SPECIFICATIONS

GSH13 SERIES

13 SEER

SPLIT SYSTEM
HEAT PUMP



The GSH13 heat pump features a louvered metal guard that protects the coil from damage and strengthens the unit. Designed for ground-level or rooftop mount, the unit has a base pan that elevates it above the slab for excellent water drainage.

Standard Features

- Energy-efficient compressor
- Copper tube/aluminum fin coil
- 850 RPM condenser fan motor
- R-22 refrigerant-charged for 15' of refrigerant lines
- Liquid refrigerant return protection
- Factory-installed liquid line filter dryer
- Low-pressure switch
- Time-initiated, temperature-terminated defrost control
- Brass liquid and suction service valves
- Contactor with lug connection
- Ground lug connection
- ARI Certified; ETL Certified

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

Air Handler and Coil Compatibilities

- ARPF/ARPT, ADPF, ARUF, AEPF/AEPT – versatile upflow, horizontal or downflow air handlers; may be located in closets, utility rooms, attics, or basements
- AWUF/AWB vertical wall-mounted electric heat air handlers
- ACNF/AC ceiling-mounted electric heat air handlers
- MBR/MBE modular blower
- CA, CH and CSCF indoor coils

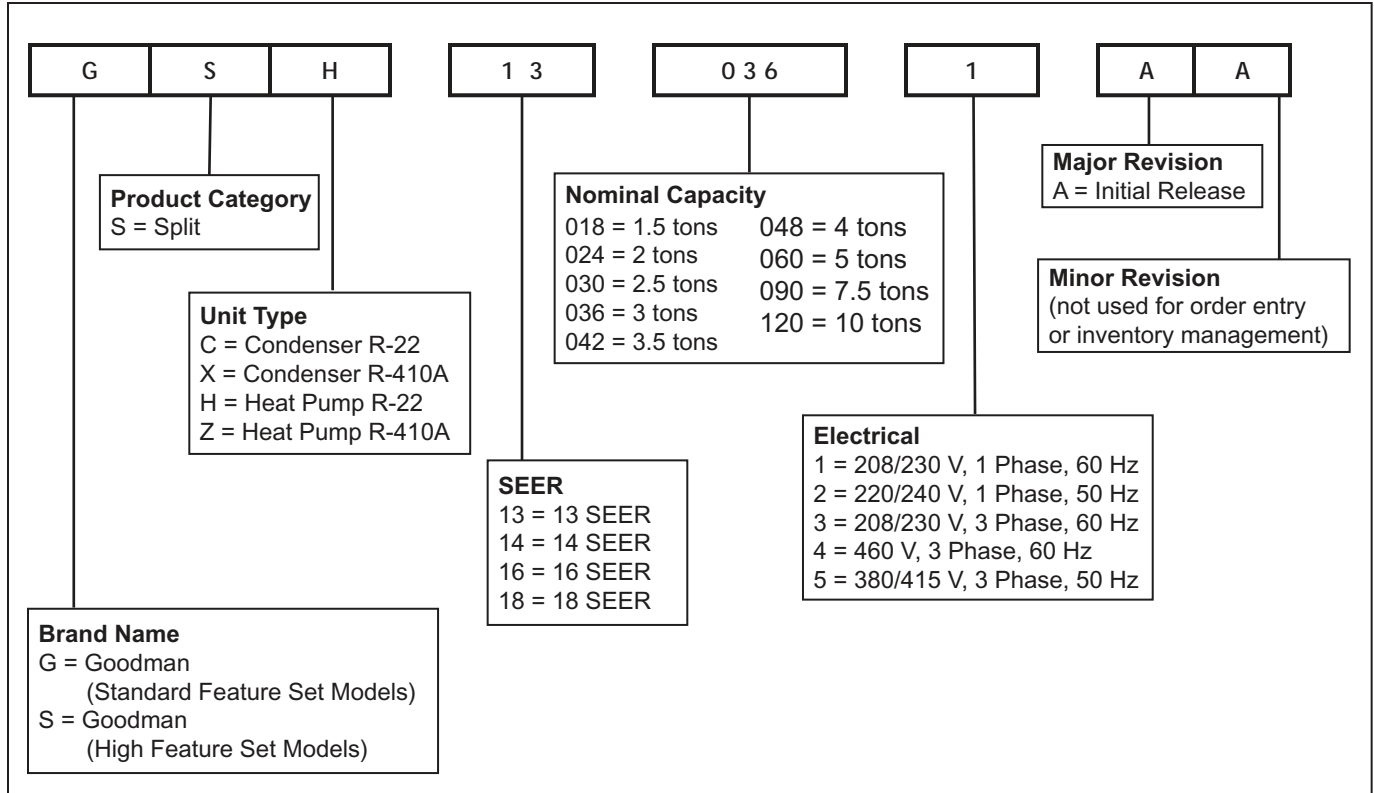
Accessories

- Standard room thermostat with 1-stage cool/1-stage heat
- Digital room thermostat with 1-stage cool/1-stage heat
- Outdoor thermostat
- High- and low-pressure switch kit
- Low-pressure switch kit
- Low ambient kit



PRODUCT SPECIFICATIONS

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
Compressor							
RLA	6.2	9.0	10.1	10.9	10.8	12.2	12.2
LRA	34	41	51	54	60	63	73
Condenser Fan Motor							
Horsepower	1/6	1/6	1/6	1/6	1/6	1/6	¼
FLA	1.5	1.5	1.5	1.5	1.5	1.5	1.6
Refrigerant Lines							
Liquid Valve Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Valve Size ("O.D.)	¾"	¾"	¾"	¾"	¾"	¾"	⅞"
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 ¹	9.3	12.7	14.2	15.1	15	16.7	16.9
Max. Overcurrent Device ²	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	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"	½" or ¾"
Decibels	78	76	78	76	78	76	80
Ship Weight (lbs)	193	193	198	207	199	199	207

¹ Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

² Maximum Overcurrent Protection Device: May use fuses or HACR type Circuit Breakers of the same size as noted

PRODUCT SPECIFICATIONS

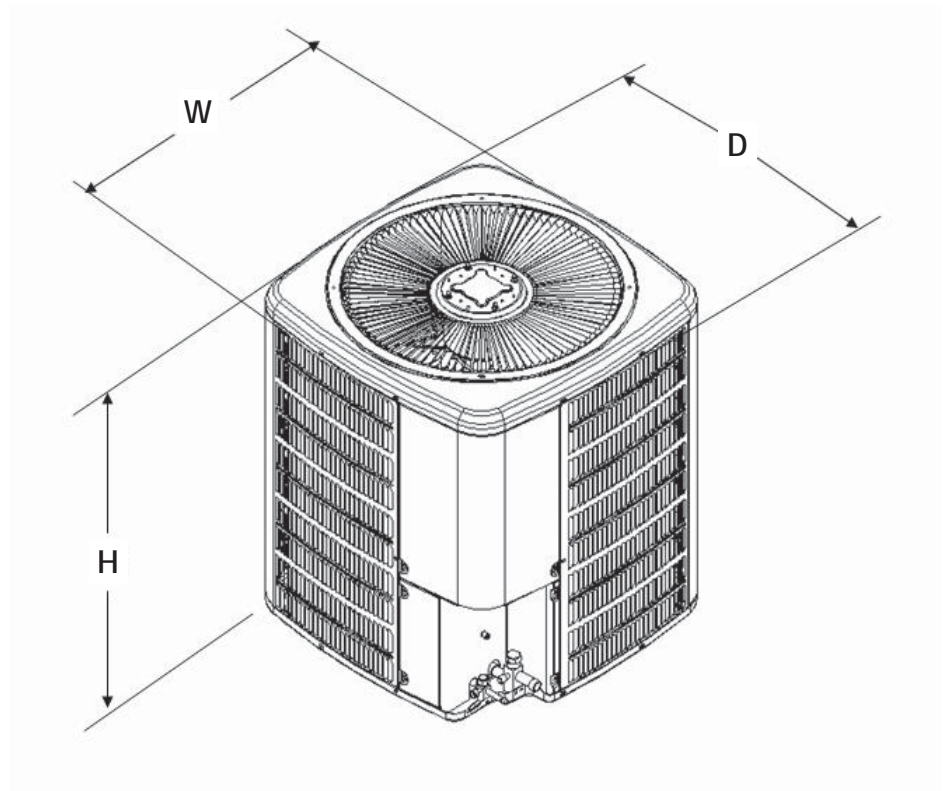
SPECIFICATIONS (CONT.)

	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
Compressor								
RLA	8.3	16.5	17.9	12.4	5.8	25	17.3	6.7
LRA	48	95	104	88	44	148	123	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 Lines								
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 Amps ¹	12	22.3	24	17.2	8.0	32.3	22.7	9.0
Max. Overcurrent Device ²	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"
Decibels	80	76	76	76	76	77	77	77
Ship Weight (lbs)	207	219	225	225	225	266	266	266

¹ Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

² Maximum Overcurrent Protection Device: May use fuses or HACR type Circuit Breakers of the same size as noted

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

PRODUCT SPECIFICATIONS

PERFORMANCE RATINGS

Heat Pump	Coil / Air Handler	Cooling Capacity (BTU/h)				TVA Ratings ⁵		Heating Capacity ^{1,4}				ARI #	ARI #	
		Total ¹	Sens.	SEER ^{1/2}	EER ³	Total	Sens.	47° F BTU/h	47° F COP	HSPF	17° F BTU/h			17° F COP
GSH13-0181A*	AEPT030-00*-1* / AEPF18301A*	18,000	13,200	14	12.2	16,700	13,000	16,800	3.6	8.0	8,600	2	735070	735122
	ARPF036-00B-1* / ADPF018241A*	18,000	13,200	13	11.5	16,700	13,000	16,800	3.5	7.7	8,600	2	735104	735155
	ARPT032-00*-1* / ARPF18241A*	18,000	13,200	13	11.5	16,700	13,000	16,800	3.5	7.7	8,600	2	735119	735242
	ARUF032-00*-1* / ARUF18241A*	18,000	13,200	13	11.5	16,700	13,000	16,800	3.5	7.7	8,600	2	735244	735073
	CA*F030*2* / CA*F1824*6A*+EEP	18,000	13,200	13	11.5	16,700	13,000	16,800	3.5	7.7	8,600	2	735193	735078
	CA*F030*2* / CA*F1824*6A*+G*V80704B**	18,000	13,200	14	12.2	16,700	13,000	16,800	3.5	8.0	8,600	2	735054	735059
	CA*F030*2* / CA*F1824*6A*+G*V950453B**	18,000	13,200	13.5	11.8	16,700	13,000	16,800	3.5	7.7	8,600	2	735168	735141
	CA*F030*2* / CA*F1824*6A*+MBE1200	18,000	13,200	14	12.2	16,700	13,000	16,800	3.6	8.0	8,600	2	735142	735257
	CHPF030A2* / CHPF1824A6A*+EEP	18,000	13,200	13	11.5	16,700	13,000	16,800	3.5	7.7	8,600	2	735060	735085
	CHPF042B2* / CHPF2430B6A*+G*V80704B**	18,000	13,200	14	12.2	16,700	13,000	16,800	3.5	8.0	8,600	2	735176	735232
	CHPF042B2* / CHPF2430B6A*+G*V950453B**	18,000	13,200	13.5	11.8	16,700	13,000	16,800	3.5	7.7	8,600	2	735840	735991
	H36F / CSCF1824N6A*+EEP	18,000	13,200	13	11.5	16,700	13,000	16,800	3.5	7.7	8,600	2	735076	735127
	H36F / CSCF1824N6A*+G*V80704B**	18,000	13,200	14	12.2	16,700	13,000	16,800	3.5	8.0	8,600	2	735094	735037
	H36F / CSCF1824N6A*+G*V950453B**	18,000	13,200	13.5	11.8	16,700	13,000	16,800	3.5	7.7	8,600	2	735843	735816
	AC30-XX / ACNF24XX1A*	18,000	13,200	13	11.5	16,700	13,400	16,800	3.5	7.7	8,600	2	735878	735867
ARUF18241A*	18,400	TBD	13	TBD	TBD	TBD	17,000	TBD	8.0	8,800	TBD	877505		
AWB24-XX	18,000	13,200	13	11.5	16,700	13,400	16,800	3.5	7.7	8,600	2	735915		
AWUF18XX1A*	18,000	13,200	13	11.5	16,700	13,400	16,800	3.5	7.7	8,600	2	735876		
AEPT030-00*-1* / AEPF18301A*	23,000	17,000	14	12.2	21,300	16,800	22,000	3.4	8.0	12,000	2.3	735243	735175	
ARPF036-00B-1* / ADPF018241A*	23,000	17,000	13	11.5	21,300	16,800	22,000	3.3	7.7	12,000	2.1	735044	735981	
ARPT032-00*-1* / ARPF18241A*	23,000	17,000	13	11.5	21,300	16,800	22,000	3.3	7.7	12,000	2.1	735248	735240	
ARUF032-00*-1* / ARUF18241A*	23,000	17,000	13	11.5	21,300	16,800	22,000	3.3	7.7	12,000	2.1	735045	735204	
AWB36-XX / AWUF36XX1A*	23,000	17,000	13	11.5	21,300	16,800	22,000	3.3	7.7	12,000	2.1	735063	735253	
CA*F030*2* / CA*F1824*6A*+MBE1200	23,000	17,000	14	12.2	21,300	16,800	22,000	3.4	8.0	12,000	2.3	735056	735207	
CA*F037*2* / CA*F3030*6A*+EEP	23,000	17,000	13	11.5	21,300	16,800	22,000	3.3	7.7	12,000	2.1	735039	735188	
CA*F037*2* / CA*F3030*6A*+G*V80704B**	23,000	17,000	13	11.5	21,300	16,800	22,000	3.3	7.7	12,000	2.1	735166	735093	
CA*F037*2* / CA*F3030*6A*+G*V950453B**	23,000	17,000	13	11.8	21,300	16,800	22,000	3.3	7.7	12,000	2.1	735815	735984	
CHPF030A2* / CHPF1824A6A*+EEP	23,000	17,000	13	11.5	21,300	16,800	22,000	3.3	7.7	12,000	2.1	735838	735847	
CHPF042B2* / CHPF2430B6A*+G*V80704B**	23,000	17,000	13	11.5	21,300	16,800	22,000	3.3	7.7	12,000	2.1	735226	735147	
CHPF042B2* / CHPF2430B6A*+G*V950453B**	23,000	17,000	13.5	11.8	21,300	16,800	22,000	3.3	7.7	12,000	2.1	735818	735826	
H36F / CSCF1824N6A*+EEP	23,000	17,000	13	11.5	21,300	16,800	22,000	3.3	7.7	12,000	2.1	735252	735112	
H36F / CSCF1824N6A*+G*V80704B**	23,000	17,000	13	11.5	21,300	16,800	22,000	3.3	7.7	12,000	2.1	735211	735152	
H36F / CSCF1824N6A*+G*V950453B**	23,000	17,000	13.5	11.8	21,300	16,800	22,000	3.3	7.7	12,000	2.1	735821	735809	

See Notes on Page 9.

PERFORMANCE RATINGS (CONT.)

Heat Pump	Coil / Air Handler	Cooling Capacity (BTU/h)				TVA Ratings ⁵		Heating Capacity ^{1,4}					ARI #	ARI #
		Total ¹	Sens.	SEER ^{1,2}	EER ³	Total	Sens.	47° F BTU/h	47° F COP	HSPF	17° F BTU/h	17° F COP		
GSH13-0251A*	AC30-XX / ACNF24XX1A*	23,600	17,100	13	11.5	21,900	16,900	22,600	3.2	7.7	12,400	2.1	735208	735217
	ARUF18241A*	24,000	TBD	13	TBD	TBD	TBD	22,600	TBD	8.0	12,400	TBD	877506	
	AWB24-XX / AWUF24XX1A*	23,400	17,600	13	11.5	21,700	17,400	22,600	3.2	7.7	12,400	2.1	735036	735231
	AWB36-XX / AWUF36XX1A*	24,000	17,600	13	11.5	22,200	17,800	22,600	3.2	7.7	12,400	2.1	735040	735238
	AEPF030-00*-1* / AEPF18301A*	28,000	21,000	14	12.2	25,900	20,700	26,800	3.4	8.0	14,000	2.2	735082	735151
	ARPF048-00B-1* / ADPF30421A*	28,000	21,000	13	11.5	25,900	20,700	26,800	3.3	7.7	14,000	2.1	735090	735259
	ARPT042-00*-1* / ARPF30301A*	28,000	21,000	13	11.5	25,900	20,700	26,800	3.3	7.7	14,000	2.1	735222	735087
	ARUF042-00*-1* / ARUF30301A*	28,000	21,000	13	11.5	25,900	20,700	26,800	3.3	7.7	14,000	2.1	735108	735228
	CA*F042*2* / CA*F3131*6A**+EEP	28,000	21,000	13	11.5	25,900	20,700	26,800	3.3	7.7	14,000	2.1	735841	735812
	CA*F042*2*+G*V80704B**	28,000	21,000	14	12.2	25,900	20,700	26,800	3.3	8.0	14,000	2.1	735189	736494
GSH13-0301A*	CA*F042*2*+G*V90703B**	28,000	21,000	13.5	11.8	25,900	20,700	26,800	3.3	7.7	14,000	2.1	735824	736495
	CA*F042*2*+G*V950453B**	28,000	21,000	13.5	11.8	25,900	20,700	26,800	3.3	7.7	14,000	2.1	735823	736496
	CA*F042*2* / CA*F3131*6A**+MBE1200	28,000	21,000	14	12.2	25,900	20,700	26,800	3.4	8.0	14,000	2.2	735844	735832
	CHPF042B2* / CHPF2430B6A**+EEP	28,000	21,000	13	11.5	25,900	20,700	26,800	3.3	7.7	14,000	2.1	735834	735808
	CHPF042B2* / CHPF2430B6A**+G*V80704B**	28,000	21,000	14	12.2	25,900	20,700	26,800	3.3	8.0	14,000	2.1	735106	735254
	CHPF042B2* / CHPF2430B6A**+G*V90704C**	28,000	21,000	13.5	11.8	25,900	20,700	26,800	3.3	7.7	14,000	2.1	735219	735079
	CHPF042B2* / CHPF2430B6A**+G*V950704C**	28,000	21,000	13.5	11.8	25,900	20,700	26,800	3.3	7.7	14,000	2.1	735817	735819
	H49F / CSCF3036N6A**+EEP	28,000	21,000	13	11.5	25,900	20,700	26,800	3.3	7.7	14,000	2.1	735804	735829
	H49F / CSCF3036N6A**+G*V80704B**	28,000	21,000	14	12.2	25,900	20,700	26,800	3.3	8.0	14,000	2.1	735041	735201
	H49F / CSCF3036N6A**+G*V90704C**	28,000	21,000	13.5	11.8	25,900	20,700	26,800	3.3	7.7	14,000	2.1	735215	735170
GSH13-0311A*	H49F / CSCF3036N6A**+G*V950704C**	28,000	21,000	13.5	11.8	25,900	20,700	26,800	3.3	7.7	14,000	2.1	735836	735835
	AC36-XX / ACNF30XX1A*	27,000	21,000	13	11.5	25,000	21,500	25,600	3.4	7.7	14,000	2.1	735095	735800
	ARUF30301A*	28,000	TBD	13	TBD	TBD	TBD	26,000	TBD	8.0	15,000	TBD	1032340	
	AWB36-XX / AWUF36XX1A*	27,400	21,300	13	11.5	25,400	21,100	25,600	3.3	8.0	14,400	2.2	735171	735086
	AEPF036-00*-1* / AEPF30361A*	35,000	26,500	14	12.2	32,400	26,200	32,000	3.6	8.0	16,000	2.3	735158	735159
	ARPF048-00B-1* / ADPF30421A*	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735115	735230
	ARPT049-00*-1* / ARPF36421A*	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735180	735132
	ARUF049-00*-1* / ARUF36421A*	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	8.0	16,000	2.1	735837	735187
	CA*F060*2* / CA*F3642*6A**+EEP	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735822	735839
	CA*F060*2* / CA*F3642*6A**+G*V80905C**	35,000	26,500	14	12.2	32,400	26,200	32,000	3.5	8.0	16,000	2.1	735100	735976
GSH13-0361A*	CA*F060*2* / CA*F3642*6A**+G*V81155C**	35,000	26,500	14	12.2	32,400	26,200	32,000	3.5	8.0	16,000	2.1	735825	735827

See Notes on Page 9.

PRODUCT SPECIFICATIONS

PERFORMANCE RATINGS (CONT.)

Heat Pump	Coil / Air Handler	Cooling Capacity (BTU/h)			TVA Ratings ⁵		Heating Capacity ^{1,4}					ARI #		
		Total ¹	Sens.	SEER ^{1,2}	EER ³	Total	Sens.	47° F BTU/h	47° F COP	HSPF	17° F BTU/h		17° F COP	
														ARI #
GSH13-0361A* (cont.)	CA*F060*2* / CA*F3642*6A*+G*V90905D**	35,000	26,500	14	12.2	32,400	26,200	32,000	3.5	8.0	16,000	2.1	735067	735996
	CA*F060*2* / CA*F3642*6A*+G*V950905D**	35,000	26,500	13.5	11.8	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735978	735977
	CA*F060*2* / CA*F3642*6A*+G*V951155D**	35,000	26,500	13.5	11.8	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735987	735995
	CA*F060*2* / CA*F3642*6A*+MBE1600	35,000	26,500	14	12.2	32,400	26,200	32,000	3.6	8.0	16,000	2.3	735143	735146
	CHPF3636B6A*+EEP	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735806	
	CHPF3642C6A*+EEP	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735803	
	CHPF048D2* / CHPF3642D6A*+EEP	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735845	735810
	CHPF3642C6A*+G*V80905C**	35,000	26,500	14	12.2	32,400	26,200	32,000	3.5	8.0	16,000	2.1	735831	
	CHPF3642C6A*+G*V81155C**	35,000	26,500	14	12.2	32,400	26,200	32,000	3.5	8.0	16,000	2.1	735805	
	CHPF048D2* / CHPF3642D6A*+G*V90905D**	35,000	26,500	14	12.2	32,400	26,200	32,000	3.5	8.0	16,000	2.1	735848	735828
	CHPF048D2* / CHPF3642D6A*+G*V950905D**	35,000	26,500	13.5	11.8	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735993	735997
	CHPF048D2* / CHPF3642D6A*+G*V951155D**	35,000	26,500	13.5	11.8	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735983	735983
	H60F / CSCF3642N6A*+EEP	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735811	735814
	H60F / CSCF3642N6A*+G*V80905C**	35,000	26,500	14	12.2	32,400	26,200	32,000	3.5	8.0	16,000	2.1	735120	735988
	H60F / CSCF3642N6A*+G*V81155C**	35,000	26,500	14	12.2	32,400	26,200	32,000	3.5	8.0	16,000	2.1	735842	735982
	H60F / CSCF3642N6A*+G*V90905D**	35,000	26,500	14	12.2	32,400	26,200	32,000	3.5	8.0	16,000	2.1	735068	735830
H60F / CSCF3642N6A*+G*V950905D**	35,000	26,500	13.5	11.8	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735992	735990	
H60F / CSCF3642N6A*+G*V951155D**	35,000	26,500	13.5	11.8	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735974	735975	
AEPF036-00*-1* / AEPF30361A*	35,000	26,500	14	12.2	32,400	26,200	32,000	3.6	8.0	16,000	2.3	735883	735902	
ARPF048-00B-1* / ADPF30421A*	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735900	735888	
ARPF049-00*-1* / ARPF36421A*	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735868	735908	
ARUF049-00*-1* / ARUF36421A*	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735864	735898	
CA*F060*2* / CA*F3642*6A*+EEP	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735887	735861	
CHPF3636B6A*+EEP	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735854		
CHPF3642C6A*+EEP	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735914		
CHPF048D2* / CHPF3642D6A*+EEP	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735852	735884	
H60F / CSCF3642N6A*+EEP	35,000	26,500	13	11.5	32,400	26,200	32,000	3.5	7.7	16,000	2.1	735905	735856	

PERFORMANCE RATINGS (CONT.)

Heat Pump	Coil / Air Handler	Cooling Capacity (BTU/h)			TVA Ratings ⁵		Heating Capacity ^{1,4}				ARI #	ARI #		
		Total ¹	Sens.	SEER ^{1,2}	EER ³	Total	Sens.	47° F BTU/h	47° F COP	HSPF			17° F BTU/h	17° F COP
	AEPT060-00*-1* / AEPF42601A*	41,000	30,500	14	12.2	38,000	30,000	39,500	3.5	8.2	23,000	2.3	735234	735088
	ARPF048-00B-1* / ADPF30421A*	40,000	30,500	13	11.5	37,100	30,100	39,000	3.4	8.0	23,000	2.2	735206	735223
	ARPT049-00*-1* / ARPF36421A*	40,000	30,500	13	11.5	37,100	30,100	39,000	3.4	8.0	23,000	2.2	735077	735258
	ARUF049-00*-1* / ARUF36421A*	40,000	30,500	13	11.5	37,100	30,100	39,000	3.4	8.0	23,000	2.2	735109	735150
	CA*F060*2* / CA*F3642*6A*+EEP	40,000	30,500	13	11.5	37,100	30,100	39,000	3.4	8.0	23,000	2.2	735909	735863
	CA*F060*2* / CA*F3642*6A*+MBE1600	41,000	30,500	14	12.2	38,000	30,000	39,000	3.5	8.2	23,000	2.3	735114	735235
	CA*F061*2* / CA*F4860*6A*+G*V80905C**	41,000	31,300	14	12.2	38,000	31,200	39,000	3.4	8.2	23,000	2.2	735247	735129
	CA*F061*2* / CA*F4860*6A*+G*V81155C**	41,000	31,300	14	12.2	38,000	31,200	39,000	3.4	8.2	23,000	2.2	735807	735218
	CA*F061*2* / CA*F4860*6A*+G*V90905D**	41,000	31,300	13.5	11.8	38,000	31,200	39,000	3.4	8.0	23,000	2.2	735105	735820
	CA*F061*2* / CA*F4860*6A*+G*V951155D**	41,000	31,300	13.5	11.8	38,000	31,200	39,000	3.4	8.0	23,000	2.2	735197	735833
	CHPF3642C6A*+EEP	40,000	30,500	13	11.5	37,100	30,100	39,000	3.4	8.0	23,000	2.2	735191	735250
GS13-0421A*	CHPF048D2* / CHPF3642D6A*+EEP	40,000	30,500	13	11.5	37,100	30,100	39,000	3.4	8.0	23,000	2.2	735904	735906
	CHPF060D2* / CHPF4860*6A*+G*V80905C**	41,000	31,300	14	12.2	38,000	31,200	39,000	3.4	8.2	23,000	2.2	735071	735161
	CHPF060D2* / CHPF4860*6A*+G*V81155C**	41,000	31,300	14	12.2	38,000	31,200	39,000	3.4	8.2	23,000	2.2	735186	735103
	CHPF060D2* / CHPF4860*6A*+G*V90905D**	41,000	31,300	13.5	11.8	38,000	31,200	39,000	3.4	8.0	23,000	2.2	735153	735135
	CHPF060D2* / CHPF4860*6A*+G*V950905D**	41,000	31,300	13.5	11.8	38,000	31,200	39,000	3.4	8.0	23,000	2.2	735813	735986
	CHPF060D2* / CHPF4860*6A*+G*V951155D**	41,000	31,300	13.5	11.8	38,000	31,200	39,000	3.4	8.0	23,000	2.2	735989	735994
	H60F / CSCF3642N6A*+EEP	40,000	30,500	13	11.5	37,100	30,100	39,000	3.4	8.0	23,000	2.2	735859	735885
	H61F / CSCF4860N6A*+G*V80905C**	41,000	31,300	14	12.2	38,000	31,200	39,000	3.4	8.2	23,000	2.2	735178	735221
	H61F / CSCF4860N6A*+G*V81155C**	41,000	31,300	14	12.2	38,000	31,200	39,000	3.4	8.2	23,000	2.2	735089	735098
	H61F / CSCF4860N6A*+G*V90905D**	41,000	31,300	13.5	11.8	38,000	31,200	39,000	3.4	8.0	23,000	2.2	735164	735062
	H61F / CSCF4860N6A*+G*V950905D**	41,000	31,300	13.5	11.8	38,000	31,200	39,000	3.4	8.0	23,000	2.2	735101	735801
	H61F / CSCF4860N6A*+G*V951155D**	41,000	31,300	13.5	11.8	38,000	31,200	39,000	3.4	8.0	23,000	2.2	735979	735980

1 Certified per ARI 210/240 @ 80 ° F/67 ° F/95 ° F
 2 Seasonal Energy Efficiency Ratio
 3 Energy Efficiency Ratio @ 80 ° F/67 ° F/95 ° F
 4 HSPF = Heating Seasonal Performance Factor
 5 TVA Rating: BTU/h @ 75 ° F/63 ° F - 95 ° F

Notes:

- Order the EEP from the Service Department using Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S.
- When mix-matching outdoor and indoor units, the indoor unit check flowrator must match the outdoor unit size.

PRODUCT SPECIFICATIONS

PERFORMANCE RATINGS (CONT.)

Heat Pump	Coil / Air Handler	Cooling Capacity (BTU/h)			TVA Ratings ⁵		Heating Capacity ^{1,4}				ARI #			
		Total ¹	Sens.	SEER ^{1,2}	EER ³	Total	Sens.	47° F BTU/h	47° F COP	HSPF		17° F BTU/h	17° F COP	
														ARI #
GSH13-0481A*	AEPT060-00*-1* / AEPF42601A*	45,000	34,000	14	12.2	41,700	33,800	43,000	3.6	8.4	27,000	2.5	735091	735224
	ARPF060-00B-1* / ADPF48601A*	45,000	34,000	13	11.5	41,700	33,800	43,000	3.5	8.2	27,000	2.4	735058	735140
	ARPT061-00*-1* / ARPF48601A*	45,000	34,000	13	11.5	41,700	33,800	43,000	3.5	8.2	27,000	2.4	735172	735227
	ARUF061-00*-1* / ARUF48601A*	45,000	34,000	13	11.5	41,700	33,800	43,000	3.5	8.2	27,000	2.4	735130	735225
	CA*F061*2* / CA*F4860*6A*+EEP	45,000	34,000	13	11.5	41,700	33,800	43,000	3.5	8.2	27,000	2.4	735891	735858
	CA*F061*2* / CA*F4860*6A*+G*V80905C**	45,000	34,000	13.5	11.8	41,700	33,800	43,000	3.5	8.3	27,000	2.4	735245	735092
	CA*F061*2* / CA*F4860*6A*+G*V81155C**	45,000	34,000	14	12.2	41,700	33,800	43,000	3.5	8.4	27,000	2.4	735220	735213
	CA*F061*2* / CA*F4860*6A*+G*V90905D**	45,000	34,000	13.5	11.8	41,700	33,800	43,000	3.5	8.3	27,000	2.4	735133	735998
	CA*F061*2* / CA*F4860*6A*+G*V950905D**	45,000	34,000	13.5	11.8	41,700	33,800	43,000	3.5	8.3	27,000	2.4	735080	735179
	CA*F061*2* / CA*F4860*6A*+G*V951155D**	45,000	34,000	13.5	11.8	41,700	33,800	43,000	3.5	8.3	27,000	2.4	735138	735107
	CA*F061*2* / CA*F4860*6A*+MBE2000	45,000	34,000	14	12.2	41,700	33,800	43,000	3.6	8.4	27,000	2.5	735216	735190
	CHPF060DZ* / CHPF4860D6A*+EEP	45,000	34,000	13	11.5	41,700	33,800	43,000	3.5	8.2	27,000	2.4	735882	735881
	CHPF060DZ* / CHPF4860D6A*+G*V80905C**	45,000	34,000	13.5	11.8	41,700	33,800	43,000	3.5	8.3	27,000	2.4	735057	735102
	CHPF060DZ* / CHPF4860D6A*+G*V81155C**	45,000	34,000	13.5	11.8	41,700	33,800	43,000	3.5	8.3	27,000	2.4	735160	735051
	CHPF060DZ* / CHPF4860D6A*+G*V90905D**	45,000	34,000	13.5	11.8	41,700	33,800	43,000	3.5	8.3	27,000	2.4	735052	735200
	CHPF060DZ* / CHPF4860D6A* + G*V950905D**	45,000	34,000	13.5	11.8	41,700	33,800	43,000	3.5	8.3	27,000	2.4	736534	736529
	CHPF060DZ* / CHPF4860D6A* + G*V951155D**	45,000	34,000	13.5	11.8	41,700	33,800	43,000	3.5	8.3	27,000	2.4	736530	736540
	H61F / CSCF4860N6A*+EEP	45,000	34,000	13	11.5	41,700	33,800	43,000	3.5	8.2	27,000	2.4	735862	735879
	H61F / CSCF4860N6A*+G*V80905C**	45,000	34,000	13.5	11.8	41,700	33,800	43,000	3.5	8.3	27,000	2.4	735139	735055
	H61F / CSCF4860N6A*+G*V81155C**	45,000	34,000	13.5	11.8	41,700	33,800	43,000	3.5	8.3	27,000	2.4	735075	735237
H61F / CSCF4860N6A*+G*V90905D**	45,000	34,000	13.5	11.8	41,700	33,800	43,000	3.5	8.3	27,000	2.4	735066	735203	
H61F / CSCF4860N6A* + G*V950905D**	45,000	34,000	13.5	11.8	41,700	33,800	43,000	3.5	8.3	27,000	2.4	736532	736531	
H61F / CSCF4860N6A* + G*V951155D**	45,000	34,000	13.5	11.8	41,700	33,800	43,000	3.5	8.3	27,000	2.4	736535	736541	
GSH13-0483/4A*	AEPT060-00*-1* / AEPF42601A*	45,000	34,000	14	12.2	41,700	33,800	43,000	3.6	8.4	27,000	2.5	735850	735913
	ARPF060-00B-1* / ADPF48601A*	45,000	34,000	13	11.5	41,700	33,800	43,000	3.5	8.2	27,000	2.4	735899	735877
	ARPT061-00*-1* / ARPF48601A*	45,000	34,000	13	11.5	41,700	33,800	43,000	3.5	8.2	27,000	2.4	735912	735896
	ARUF061-00*-1* / ARUF48601A*	45,000	34,000	13	11.5	41,700	33,800	43,000	3.5	8.2	27,000	2.4	735886	735849
	CA*F061*2* / CA*F4860*6A*+EEP	45,000	34,000	13	11.5	41,700	33,800	43,000	3.5	8.2	27,000	2.4	735853	735892
	CHPF060DZ* / CHPF4860D6A*+EEP	45,000	34,000	13	11.5	41,700	33,800	43,000	3.5	8.2	27,000	2.4	735903	735871
	H61F / CSCF4860N6A*+EEP	45,000	34,000	13	11.5	41,700	33,800	43,000	3.5	8.2	27,000	2.4	735880	735869

PERFORMANCE RATINGS (CONT.)

Heat Pump	Coil / Air Handler	Cooling Capacity (BTU/h)				TVA Ratings ⁵		Heating Capacity ^{1,4}				ARI #	ARI #	
		Total ¹	Sens.	SEER ^{1,2}	EER ³	Total	Sens.	47° F BTU/h	47° F COP	HSPF	17° F BTU/h			17° F COP
GSH13-0601A*	AEPF060-00*-1* / AEPF42601A*	55,500	40,000	13.3	11.7	51,400	39,600	55,500	3.6	8.6	35,000	2.6	735069	735084
	ARPF060-00B-1* / ADPF48601A*	55,500	40,000	13	11.5	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735163	735212
	ARPT061-00*-1* / ARPF48601A*	55,500	40,000	13	11.5	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735192	735083
	ARUF061-00*-1* / ARUF48601A*	55,500	40,000	13	11.5	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735167	735214
	CA*F061*2* / CA*F4860*6A**+EEP	55,500	40,000	13	11.5	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735873	735870
	CA*F061*2* / CA*F4860*6A**+G*V80905C**	55,500	40,000	13.3	11.7	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735199	735149
	CA*F061*2* / CA*F4860*6A**+G*V81155C**	55,500	40,000	13.3	11.7	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735251	735148
	CA*F061*2* / CA*F4860*6A**+MBE2000	55,500	40,000	13.5	11.8	51,400	39,600	55,500	3.6	8.6	35,000	2.6	735202	735229
	CHPF060D2* / CHPF4860D6A**+EEP	55,500	40,000	13	11.5	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735907	735911
	CHPF060D2* / CHPF4860*6A**+G*V80905C**	55,500	40,000	13.3	11.7	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735195	735137
	CHPF060D2* / CHPF4860*6A**+G*V81155C**	55,500	40,000	13.3	11.7	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735046	735154
	H61F / CSCF4860N6A**+EEP	55,500	40,000	13	11.5	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735910	735855
	H61F / CSCF4860N6A**+G*V80905C**	55,500	40,000	13.3	11.7	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735043	735124
	H61F / CSCF4860N6A**+G*V81155C**	55,500	40,000	13.3	11.7	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735145	735110
GSH13-0603/4A*	AEPF060-00*-1* / AEPF42601A*	55,500	40,000	13.3	11.7	51,400	39,600	55,500	3.6	8.6	35,000	2.6	735916	735866
	ARPF060-00B-1* / ADPF48601A*	55,500	40,000	13	11.5	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735893	735890
	ARPT061-00*-1* / ARPF48601A*	55,500	40,000	13	11.5	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735894	735897
	ARUF061-00*-1* / ARUF48601A*	55,500	40,000	13	11.5	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735889	735895
	CA*F061*2* / CA*F4860*6A**+EEP	55,500	40,000	13	11.5	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735901	735875
	CHPF060D2* / CHPF4860D6A**+EEP	55,500	40,000	13	11.5	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735872	735857
H61F / CSCF4860N6A**+EEP	55,500	40,000	13	11.5	51,400	39,600	55,500	3.5	8.5	35,000	2.5	735874	735865	

1 Certified per ARI 210/240 @ 80 ° F/67 ° F/95 ° F
 2 Seasonal Energy Efficiency Ratio
 3 Energy Efficiency Ratio @ 80 ° F/67 ° F/95 ° F
 4 HSPF = Heating Seasonal Performance Factor
 5 TVA Rating: BTU/h @ 75 ° F/63 ° F - 95 ° F

Notes:

- Order the EEP from the Service Department using Part No. B13707-38 or new Solid State Board B13707-35S. Part No. B13707-38 is not interchangeable with B13707-35S.
- When mix-matching outdoor and indoor units, the indoor unit check flowrator must match the outdoor unit size.

PRODUCT SPECIFICATIONS

ACCESSORIES

Model	Description	GSH13-018	GSH13-024	GSH13-030	GSH13-036	GSH13-042	GSH13-048	GSH13-060
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

- 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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