

13 SEER / R-22

1½ - TO 5-TON

SPLIT SYSTEM AIR CONDITIONER

Standard Features

- Energy-efficient compressor
- Quiet condenser fan system
- Factory-installed liquid-line filter drier
- Copper tube/aluminum fin coil
- For use with R-22 refrigerant; charged with inert gas for shipping
- R-22 piston kit included
- Brass liquid and suction service valves with sweat connections
- Contactor with lug connections
- Ground lug connection
- ETL Listed

Cabinet Features

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

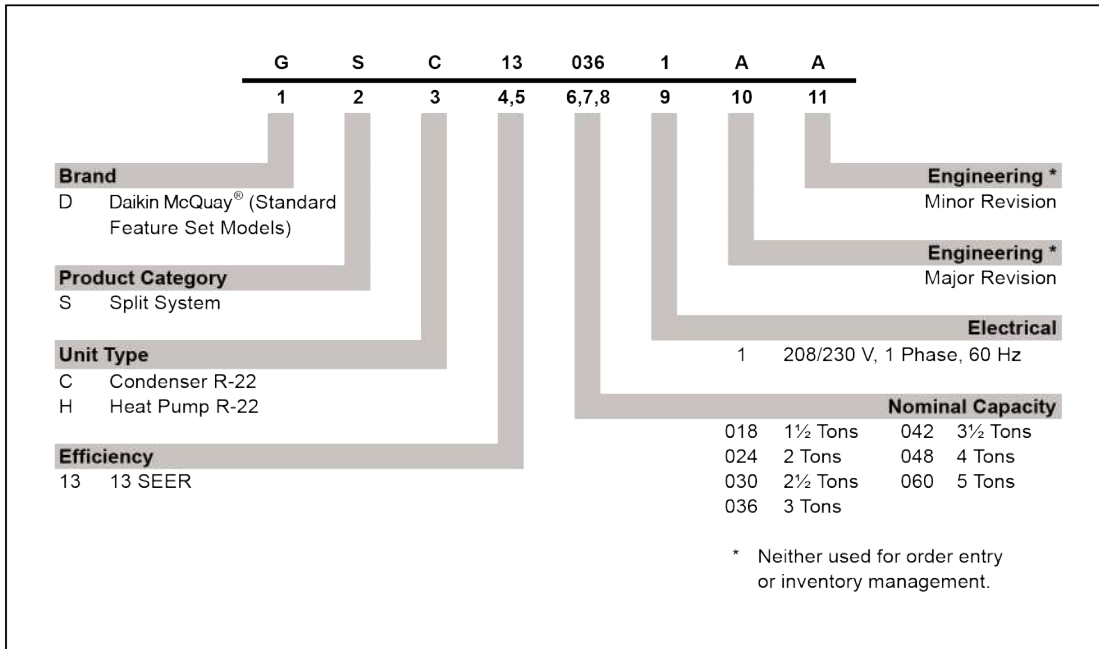


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NOMENCLATURE



SPECIFICATIONS

	GSC13 0181F*	GSC13 0241F*	GSC13 0301E*	GSC13 0361G*	GSC13 0421C*	GSC13 0481C*	GSC13 0601D*
COOLING CAPACITIES							
Tonnage	1½	2	2½	3	3½	4	5
Decibels	76	76	72	75	76	76	77
COMPRESSOR							
RLA / LRA	6.4 / 36	10.8 / 56	13.5 / 68	13.4 / 74	15.4/87	19.2/112	21.8/137
Type	Recip	Recip	Scroll	Recip	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR							
Horsepower	1/8	1/8	1/8	1/6	¼	¼	¼
FLA	0.7	0.7	0.7	1.1	1.5	1.5	1.5
REFRIGERATION SYSTEM							
Refrigerant Line Size							
Liquid Line Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Line Size ("O.D.)	¾"	¾"	¾"	⅞"	1⅛"	1⅛"	1⅛"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"	⅜"
Suction Valve Size ("O.D.) ³	¾"	¾"	¾"	¾"	¾" ³	¾" 4	¾" 4
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	75	77	66	77	108	128	118
ELECTRICAL DATA							
AC Volts-Hz	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60	208/230-60
Min. Circuit Ampacity ¹	8.7	14.2	17.6	17.9	20.8	25.5	28.8
Max. Overcurrent Device ²	15	25	30	30	35	40	50
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"
EQUIPMENT WEIGHT (LBS)							
	116	116	142	141	141	176	207
SHIP WEIGHT (LBS)							
	130	130	159	159	159	194	225

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

² Must use time-delay fuses or HACR-type circuit breakers of the same size as noted.

³ Installer will need to supply ¾" to ⅞" adapters for suction line connections.

⁴ Installer will need to supply ¾" to 1⅛" adapters for suction line connections.

NOTES

- Always check the S&R plate for electrical data on the unit being installed.
- Charge with refrigerant charge listed on S&R plate; 15' of ⅜" line included in this charge. System charge must be adjusted per Installation Instructions Final Charge Procedure.

AHRI RATINGS

OUTDOOR UNIT	INDOOR UNITS		COOLING RATINGS				CFM	AHRI #
	COILS/AIR HANDLERS	FURNACES	TOTAL ¹	SENS. ¹	SEER ²	EER ³		
GSC130181F*	CA*F1824*6B*+EEP		18,000	13,000	13.0	11.0	600	4700185
GSC130241F*	CA*F1824*6B*+EEP		22,800	17,600	13.0	11.0	800	4700186
GSC130301(D,E)*	CA*F3030*6B*+EEP		27,600	21,000	13.0	11.0	950	4705227
GSC130361G*	CA*F3642*6C*+EEP		33,400	24,200	13.0	11.0	1,200	5528471
GSC130421C*	CA*F4860*6B*+EEP		39,500	28,200	13.0	11.0	1,400	5528472
GSC130481C*	CA*F4961*6A*+EEP		44,500	33,800	13.0	11.0	1,600	5528473
GSC130601D*	CA*F4961*6A*+EEP		53,000	38,000	13.0	11.0	1,600	5528476

¹ BTU/h

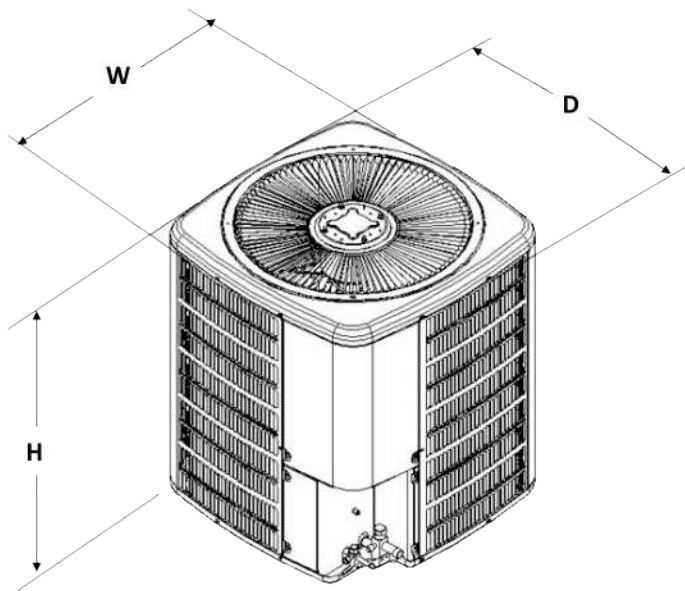
² Seasonal Energy Efficiency Ratio; tested and rated per AHRI 210/240

³ Energy Efficiency Ratio @ 80 °F/67 °F Inside - 95 °F

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 Daikin McQuay Gas Furnace contains the EEP cooling time delay.

DIMENSIONS



MODEL	DIMENSIONS		
	W"	D"	H"
GSC130181F*	23½	23½	25¼
GSC130241F*	23½	23½	25¼
GSC130301E*	26	26	30¼
GSC130361G*	29	29	30¼
GSC130421BC*	29	29	30¼
GSC130481C*	29	29	36¼
GSC130601D*	29	29	40

ACCESSORIES

MODEL	DESCRIPTION	GSC13 018**	GSC13 024**	GSC13 030**	GSC13 036**	GSC13 042**	GSC13 048**	GSC13 060**
ABK-20	Anchor Bracket Kit ▼			X	X	X	X	X
ABK-21	Anchor Bracket Kit ▼	X	X					
ASC-01	Anti-Short Cycle Kit	X	X	X	X	X	X	X
CSR-U-1	Hard-start Kit	X	X	X	X			
CSR-U-2	Hard-start Kit				X	X	X	X
CSR-U-3	Hard-start Kit						X	X
FSK01A	Freeze Protection Kit ¹	X	X	X	X	X	X	X
LSK01A	Liquid Line Solenoid Kit ²	X	X	X	X	X	X	X
0263M00019	Crankcase Heater	X						
OT18-60A	Outdoor Thermostat	X	X	X	X	X	X	X

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

¹ Installed on indoor coil

² Field-installed, non-bleed, expansion valve kit — 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 or liquid line solenoid kit.

NOTES