



Air Conditioning & Heating

GSX14

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

ENERGY-EFFICIENT
SPLIT SYSTEM AIR CONDITIONER
14 SEER / UP TO 12.2 EER



..... 76

Standard Features

- Energy-efficient compressor
- Single-speed condenser fan motor
- Factory-installed filter drier
- Copper tube/aluminum fin coil
- Service valves with sweat connections and easy-access gauge ports
- Contactor with lug connection
- Ground lug connection
- AHRI Certified; ETL Listed

Cabinet Features

- Heavy-gauge galvanized-steel cabinet with a louvered sound control top
- Attractive Architectural Gray powder-paint finish with 500-hour salt-spray approval
- Steel louver coil guard
- Top and side maintenance access
- Single-panel access to controls with space provided for field-installed accessories
- When properly anchored, meets the 2010 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



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

	G	S	X	14	036	1	AA		
	1	2	3	4,5	6,7,8	9	10,11		
Brand	G Goodman® Brand						Engineering *		Major & Minor revisions * Not used for inventory control.
Product Category	S Split System						Electrical		1 - 208/230 V, 1 Phase, 60 Hz
Unit Type	X Condenser R-410A Z Heat Pump R-410A						Capacity		018 - 1½ tons 030 - 2½ tons 042 3½ Tons 019 - 1½ tons 031 - 2½ tons 043 3½ Tons 024 - 2 tons 036 - 3 tons 048 4 Tons 025 - 2 tons 037 - 3 tons 060 5 Tons
Efficiency	13 13 SEER 16 16 SEER 14 14 SEER 18 18 SEER								

	GSX14 0181L*	GSX14 0191K*	GSX14 0241L*	GSX14 0251L*	GSX14 0301K*	GSX14 0311K*
CAPACITIES						
Max Cooling (BTU/h)	18,000	18,000	24,000	24,000	30,000	30,000
SEER/EER	14 / 12	14 / 12.2	14 / 12	14 / 12.2	14 / 12.0	14 / 12.2
Decibels	72	71	74	71	72	72
COMPRESSOR						
RLA	6.7	9.0	7.7	13.5	12.8	12.8
LRA	37.5	47.5	37.0	58.3	64	67.8
CONDENSER FAN MOTOR						
Hp	1/8	1/8	1/8	1/8	1/6	1/6
FLA	0.7	0.7	0.7	0.7	0.95	0.95
REFRIGERATION SYSTEM						
Refrigerant Line Size ¹						
Liquid Line Size ("O.D.)	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"
Refrigerant Connection Size						
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) ^{2 3}	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Charge	75	68	84	75	80	90
Included piston:	0.051	0.053	0.057	0.057	0.065	0.063
ELECTRICAL DATA						
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity ⁴	9.1	12	10.3	17.6	17.0	17.0
Max. Overcurrent Protection ⁵	15 amps	20 amps	15 amps	30 amps	25 amps	25 amps
Min/Max Volts	197/253	197/253	197/253	197/253	197/253	197/253
Conduit	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"
EQUIPMENT WEIGHT						
	126	131	126	136	162	162
SHIPPING WEIGHT						
	141	146	141	153	180	180

¹ Line sizes denoted for 25' line sets, tested and rated in accordance with AHRI Standard 210/240.

For other line-set lengths or sizes, refer to the installation & Operating instructions and/or the long line-set guidelines.

² Installer will need to supply 3/4" to 3/8" adapters for suction line connections.

³ Installer will need to supply 7/8" to 1 1/8" adapters for suction line connections.

⁴ Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

⁵ 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.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation Instructions Final Charge Procedure.

PRODUCT SPECIFICATIONS (CONT.)

	GSX14 0361K*	GSX14 0371K*	GSX14 0421K*	GSX14 0431K*	GSX14 0481K*	GSX14 0601K*
CAPACITIES						
Nom Cool (BTU/h)	36,000	36,000	42,000	42,000	48,000	60,000
SEER/EER	14 / 12	14 / 12.2	14 / 12	14 / 12.2	14 / 11.7	14 / 11.7
Decibels	73	73	73	73	74	75
COMPRESSOR						
RLA	14.1	14.1	16.7	16.7	19.9	25.0
LRA	77	72.2	79	79	109	134
CONDENSER FAN MOTOR						
Hp	1/6	1/6	1/6	1/6	1/4	1/4
FLA	0.95	0.95	0.95	0.95	1.5	1.5
REFRIGERATION SYSTEM						
Refrigerant Line Size ¹						
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	7/8"	7/8"	1 1/8"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size						
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.) ^{2 3}	3/4"	3/4"	7/8"	7/8"	7/8"	7/8"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Charge	80	89	112	112	131	125
Included piston:	0.068	0.071	0.074	0.074	0.078	0.088
ELECTRICAL DATA						
Voltage-Phase (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity ⁴	18.6	18.6	21.8	21.8	26.4	32.8
Max. Overcurrent Protection ⁵	30 amps	30 amps	35 amps	35 amps	45 amps	50 amps
Min/Max Volts	197/253	197/253	197/253	197/253	197/253	197/253
Conduit	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"
EQUIPMENT WEIGHT						
	162	162	189	189	220	260
SHIPPING WEIGHT						
	180	180	207	207	242	280

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NOTES

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