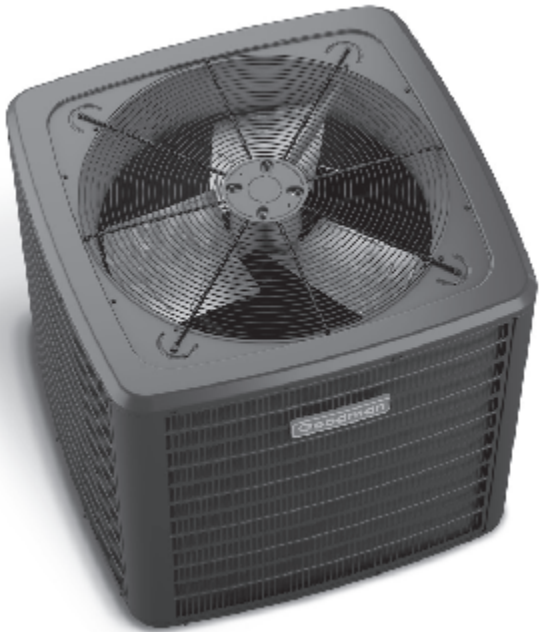


GSXN3

ENERGY-EFFICIENT
SPLIT SYSTEM AIR CONDITIONER
UP TO 14.5 SEER2 / 1½ TO 5 TONS

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Standard Features

- Energy-Efficient Compressor
- Copper tube/ enhanced aluminum fin coil-5mm diameter
- Factory-installed filter drier
- Fully charged for 15’ of tubing length
- Service valves with sweat connections and easy-to-access gauge ports
- Contactor with lug connection
- Ground lug connection
- AHRI Certified
- ETL Listed

Cabinet Features

- Removable grille-style top design compliant with UL 60335-2-40
- Venturi for increased velocity of airflow
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powderpaint finish with 500-hour salt-spray approval
- Steel louver coil guard
- Rust-resistant coated screws
- Single-panel access to controls with space provided for field-installed accessories



COMPANY WITH
QUALITY SYSTEM
CERTIFIED BY DNV GL
= ISO 9001 =

COMPANY WITH
ENVIRONMENTAL SYSTEM
CERTIFIED BY DNV GL
= ISO 14001 =



* 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.

NOMENCLATURE

PRODUCT SPECIFICATIONS

	GSXN3 N1810A*	GSXN3 N2410A*	GSXN3 N3010A*	GSXN3 N3610A*	GSXN3 N4210A*	GSXN3 N4810A*	GSXN3 N6010A*
CAPACITIES							
Nominal Cooling (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Decibels (dBA)	73.0	73.0	76.0	71.0	70.0	74.0	74.0
COMPRESSOR							
RLA	6.1	8.4	12.1	14.1	17.7	18.5	25.6
LRA	35.1	41.2	55	87.4	110.2	124	150
Stage	Single	Single	Single	Single	Single	Single	Single
Type	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll
CONDENSER FAN MOTOR							
Motor Type	PSC	PSC	PSC	PSC	PSC	PSC	PSC
Horsepower (RPM)	1/8	1/8	1/6	1/6	1/6	1/4	1/4
FLA	0.70	0.70	0.95	0.95	0.95	1.30	1.30
REFRIGERATION SYSTEM							
Refrigerant Line Size ¹							
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"	7⁄8"	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"	3⁄8"
Suction Valve Size ("O.D.) ^{4 5}	3⁄4"	3⁄4"	3⁄4"	3⁄4"	7⁄8"	7⁄8"	7⁄8"
Valve Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge	65	71	78	71	115	120	130
ELECTRICAL DATA							
Voltage (60 Hz)	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1	208/230-1
Minimum Circuit Ampacity ²	8.3	11.2	16.1	18.6	23.1	24.4	33.3
Max. Overcurrent Protection ³	15	15	25	30	40	40	50
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"
EQUIPMENT WEIGHT (LBS)	117	125	128	153	188	215	227
SHIP WEIGHT (LBS)	130	138	143	168	203	235	247

¹ Line sizes denoted for 25’ line sets, tested and rated in accordance with ARI Standard 210/240. For other line set lengths or sizes, refer to the Installation Instructions and/or the Long Line Set Applications guide.

² Installer will need to supply 3⁄4" to 7⁄8" adapters for suction line connections.

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

⁴ Unit is factory charged with refrigerant for 15’ of 3⁄8" liquid line. System charge must be adjusted per the Final Charge Adjustment procedure found in the Installation Instructions.

⁵ Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes

⁶ 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.