

Submittal Data Sheet

14.5 SEER, Air Conditioner System, 2.5 Ton, Outdoor Unit-GSX140301N*

Submitted By : Goodman/Amana Unitary Test System

Submitted To : N/A

Tags : AHRI 205080230 Products [GSX140301N* , CA*FA3626*6A*+TXV+HSK, GMES920803BNA*] , SEER 14.5 , EER 12.0

STANDARD FEATURES:

- Energy-efficient compressor
- Single-speed PSC condenser fan motor
- Factory-installed filter drier
- Fully charged for fifteen feet of tubing length
- Contactor with lug connection
- AHRI Certified - ETL Listed
- Ground lug connection
- Copper tube & enhanced aluminum fin coil

Data Missing

CABINET FEATURES:

- Heavy-gauge galvanized steel cabinet and louvered coil guards
- Service valves with sweat connections and easy-access gauge ports
- Engineered sound control top design
- Baked-on powder-paint finish with 500-hour salt-spray approval
- Single-panel access to controls with space for field-installed accessories
- Service port and controls are accessible while unit is operating
- Compact footprint
- Rust-resistant screws
- When properly anchored, meets the 2017 Florida Building Code unit integrity requirements for hurricane-type winds (Anchor bracket kits available.)



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SYSTEM PERFORMANCE

| | | | |
|----------------------------------|---|------------------------------------|---|
| Outdoor Unit Model No.: | GSX140301N* | Description : | 14.5 SEER, Air Conditioner System, 2.5 Ton Outdoor System |
| Indoor Unit Model No.: | CAPFA3626B6A* | | |
| TXV/PISTON : | TX3N4 | | |
| Furnace Unit Model No.: | GMES920803BN | | |
| Rated Cooling Conditions: | Outdoor (°F DB/WB):95/75 Indoor (°F DB/WB):80/67 | Rated Heating Conditions: | Outdoor (°F DB/WB):N/A/N/A Indoor (°F DB/WB):N/A/N/A |
| Rated Cooling Capacity (Btu/hr): | 28600 | OD Rated Heating Capacity (Btu/hr) | N/A |
| EER: | 12.0 | Heating COP: | N/A |
| SEER: | 14.5 | AFUE: | 92 |

OUTDOOR UNIT DETAILS : GSX140301N*

| | | | |
|---------------------------------------|--------------------------|-------------------------------------|--------------|
| Power Supply (V/Hz/Ph): | 208/230/60/1 | Compressor Type: | Rotary |
| Min. Circuit Amps MCA (A): | 17.0 | Compressor Stages: | Single Stage |
| Max Overcurrent Protection (MOP) (A): | 25 | Suction Valve Connection Size (in): | 3/4 |
| Compressor Rated Load Amps : | 12.1 | Liquid Valve Connection Size (in): | 3/8 |
| Refrigerant Type: | R-410A | Sound Power(High/Med/Low) (dBA): | 73 / - / N/A |
| Holding Refrigerant Charge (oz): | 78 | Cooling Operation Range (°F DB): | 55 - 125 |
| Additional Charge (oz/ft): | 0.60 | Heating Operation Range (°F DB): | N/A |
| Pre-charge Piping (Length) (ft): | 15 | Net Weight (lb): | 161 |
| Dimensions (HxWxD) (in): | 32-1/2 x 29-1/4 x 29-1/4 | Gross Weight (lb): | 161 |
| *Max. Pipe Length (Vertical) (ft): | 50 | *Max. Pipe Length (Total) (ft): | 80 |

**Refer to Long Line Set Application TP-107 for lines greater than 80 ft. or vertical elevation changes more than 50 ft. for single stage equipment and 25 ft. for 2-stage equipment.*



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STANDARD FEATURES:

- Compact and lightweight all-aluminum evaporator coil with AlumaFin7™ technology
- Optimized for use with R-410A refrigerant
- Check flowrator for cooling applications
- Rust resistant, thermoplastic drain pans featuring a low water-retention design
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- Single-piece access panel with tight seal helps to keep conditioned air from escaping
- Seal tight customized suction and liquid grommets for easy installation and removal
- 21" depth for easier attic access
- Vertical application
- Galvanized, leather grain-embossed finish
- AHRI certified
- ETL listed

Data Missing

CABINET FEATURES:

- **DATA IS NOT AVAILABLE**



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INDOOR UNIT DETAILS : CAPFA3626B6A*

| | | | |
|---------------------------|----------------|--------------------------------|-----|
| Dimensions (HxWxD) (in) : | 26 x 17.5 x 21 | Suction Connection Size (in) : | 7/8 |
| Net Weight (lb): | 44 | Liquid Connection Size (in) : | 3/8 |
| Gross Weight (lb): | 49 | Condensate Connection (in) : | 3/4 |



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STANDARD FEATURES:

- Heavy-duty aluminized-steel tubular heat exchanger
- Stainless-steel sloped secondary heat exchanger
- "Silicon Nitride Igniter"
- Color-coded low-voltage terminals
- Multi-speed ECM blower motor with continuous fan speed
- All models comply with California 40 ng/J
- Fault code LED Output
- Single-Stage gas Valve
- Single-speed inducer draft blower

Data Missing

CABINET FEATURES:

- Multi-position installation: upflow, horizontal left or right
- Certified for direct vent (2-pipe) or non-direct vent (1 pipe)
- Easy to install top venting with optional side vent
- Convenient left or right connection for gas and electrical service
- Cabinet air leakage (Qleak) less than or equal to 2%
- Foil faced insulated heat exchanger section
- Bottom or side return air applications
- Heavy-gage steel cabinet with durable finish



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INDOOR FURNACE UNIT DETAILS : GMES920803BNA*

| | | | |
|---------------------------------------|----------|---|----------------------|
| Power Supply (V/Hz/Ph): | 115/60/1 | Temperature Rise Range High Fire (° F): | 35-65 |
| Min. Circuit Amps MCA (A): | 10.3 | Temperature Rise Range Low Fire (° F): | - |
| Max Overcurrent Protection (MOP) (A): | 15.0 | High Fire Input Capacity : | 80000 |
| AFUE : | 92 | High Fire Output Capacity : | 73680 |
| Vent Diameter (In): | 2;3 | Low Fire Input Capacity : | - |
| Net Weight (lb): | 117 | Low fire output Capacity : | - |
| Gross Weight (lb): | 122 | Dimensions (HxWxD) (in): | 34-1/2 x 17-1/2 x 29 |



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