

Submittal Data Sheet

15.0 SEER, Air Conditioner System, 2.0 Ton, Outdoor Unit-GSX140241*

Submitted By : Goodman/Amana Unitary Test System

Submitted To : N/A

Tags : AHRI 207347608 Products [GSX140241* , CA*FA2422*6B*+TXV+HSK, GM9S800603BNA*] , SEER 15.0 , 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

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.: | GSX140241* | Description : | 15.0 SEER, Air Conditioner System, 2.0 Ton Outdoor System |
| Indoor Unit Model No.: | CAPFA2422B6B* | | |
| TXV/PISTON : | TX2N4A | | |
| Furnace Unit Model No.: | GM9S800603BN | | |
| 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): | 23000 | OD Rated Heating Capacity (Btu/hr) | N/A |
| EER: | 12.0 | Heating COP: | N/A |
| SEER: | 15.0 | AFUE: | 80 |

OUTDOOR UNIT DETAILS : GSX140241*

| | | | |
|---------------------------------------|--------------------------|-------------------------------------|--------------|
| Power Supply (V/Hz/Ph): | 208/230/60/1 | Compressor Type: | Rotary |
| Min. Circuit Amps MCA (A): | 10.3 | Compressor Stages: | Single Stage |
| Max Overcurrent Protection (MOP) (A): | 15 | Suction Valve Connection Size (in): | 3/4 |
| Compressor Rated Load Amps : | 7.7 | Liquid Valve Connection Size (in): | 3/8 |
| Refrigerant Type: | R-410A | Sound Power(High/Med/Low) (dBA): | 74 / - / N/A |
| Holding Refrigerant Charge (oz): | 72 | 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): | 126 |
| Dimensions (HxWxD) (in): | 27-1/2 x 26-1/4 x 26-1/4 | Gross Weight (lb): | 132 |
| *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

CABINET FEATURES:

- **DATA IS NOT AVAILABLE**



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INDOOR UNIT DETAILS : CAPFA2422B6B*

| | | | |
|---------------------------|----------------|--------------------------------|-----|
| Dimensions (HxWxD) (in) : | 22 x 17.5 x 21 | Suction Connection Size (in) : | 3/4 |
| Net Weight (lb): | 40 | Liquid Connection Size (in) : | 3/8 |
| Gross Weight (lb): | 43 | Condensate Connection (in) : | 3/4 |



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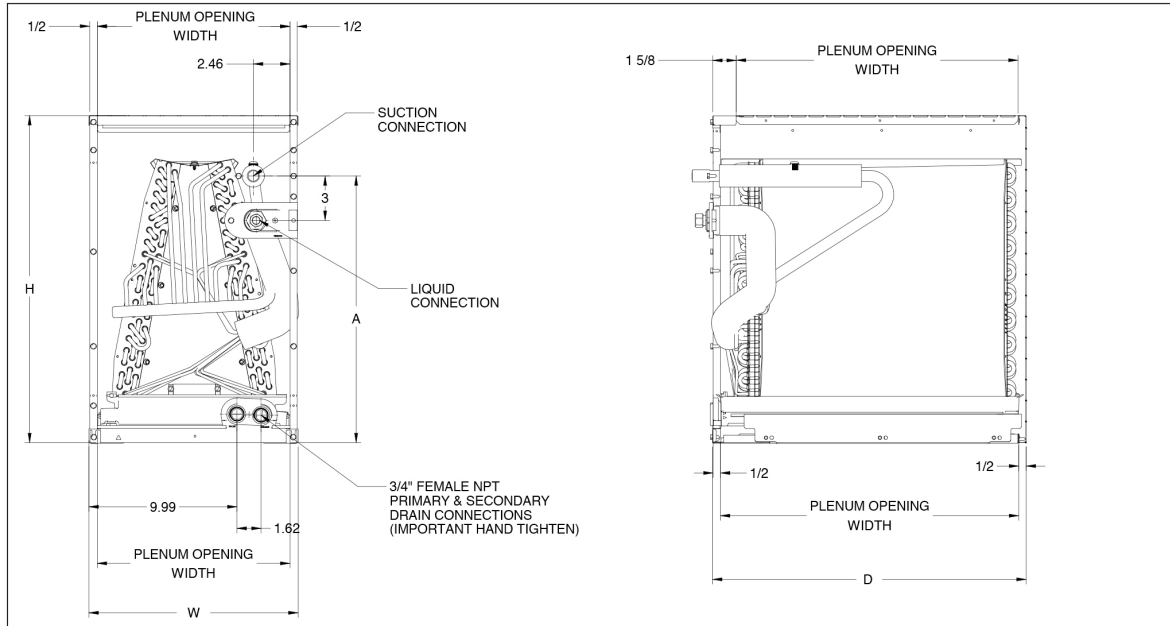
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STANDARD FEATURES:

- Heavy-duty aluminized-steel tubular heat exchanger
- "Silicon Nitride igniter"
- Color-coded low-voltage terminals
- Multi-speed ECM blower motor with continuous fan speed
- Fault code LED Output
- Single-Stage gas Valve
- Single-speed inducer draft blower

CABINET FEATURES:

- DATA IS NOT AVAILABLE



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INDOOR FURNACE UNIT DETAILS : GM9S800603BNA*

| | | | |
|---------------------------------------|----------|---|----------------|
| Power Supply (V/Hz/Ph): | 115/60/1 | Temperature Rise Range High Fire (° F): | - |
| Min. Circuit Amps MCA (A): | - | Temperature Rise Range Low Fire (° F): | - |
| Max Overcurrent Protection (MOP) (A): | - | High Fire Input Capacity : | 60000 |
| AFUE : | - | High Fire Output Capacity : | 48000 |
| Vent Diameter (In): | - | Low Fire Input Capacity : | - |
| Net Weight (lb): | - | Low fire output Capacity : | - |
| Gross Weight (lb): | - | Dimensions (HxWxD) (in): | - x 17-1/2 x - |



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**INDOOR Furnance (GM9S800603BN)
Dimensional Drawing is not available**



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