

## Submittal Data Sheet

14.5 SEER, Air Conditioner System, 1.5 Ton, Outdoor Unit-GSX140181M\*

Submitted By : Goodman/Amana Unitary Test System

Submitted To : N/A

Tags : AHRI 207345117 Products [GSX140181M\* , CA\*FA1818\*6C\* , GM9S800403ANA\*] , SEER 14.5 , EER 12.5

### 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.:	GSX140181M*	Description :	14.5 SEER, Air Conditioner System, 1.5 Ton Outdoor System
Indoor Unit Model No.:	CAPFA1818A6C*		
TXV/PISTON :	0.051		
Furnace Unit Model No.:	GM9S800403AN		
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):	17600	OD Rated Heating Capacity (Btu/hr)	N/A
EER:	12.5	Heating COP:	N/A
SEER:	14.5	AFUE:	80

### OUTDOOR UNIT DETAILS : GSX140181M\*

Power Supply (V/Hz/Ph):	208/230/60/1	Compressor Type:	Rotary
Min. Circuit Amps MCA (A):	8.2	Compressor Stages:	Single Stage
Max Overcurrent Protection (MOP) (A):	15	Suction Valve Connection Size (in):	3/4
Compressor Rated Load Amps :	6	Liquid Valve Connection Size (in):	3/8
Refrigerant Type:	R-410A	Sound Power(High/Med/Low) (dBA):	75 / - / N/A
Holding Refrigerant Charge (oz):	68	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):	102
Dimensions (HxWxD) (in):	25-3/4 x 23-1/4 x 23-1/4	Gross Weight (lb):	138
*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 : CAPFA1818A6C\*

Dimensions (HxWxD) (in) :	18 x 14 x 21	Suction Connection Size (in) :	3/4
Net Weight (lb):	29	Liquid Connection Size (in) :	3/8
Gross Weight (lb):	35	Condensate Connection (in) :	3/4



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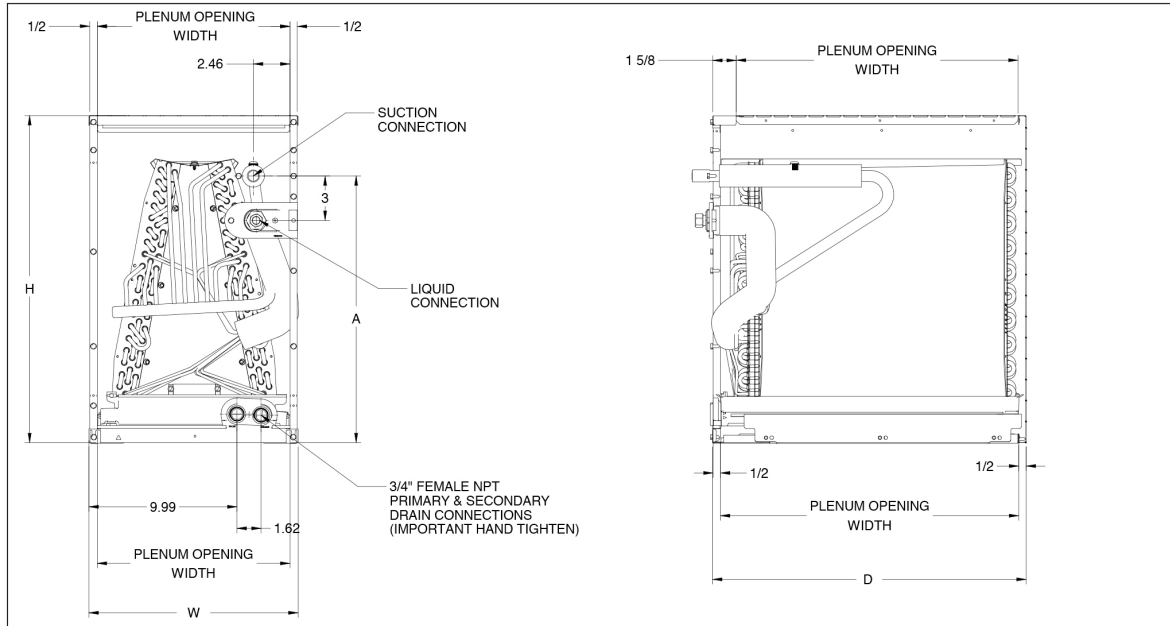
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### STANDARD FEATURES:

- 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:

- Installation:
  - GM9S80 -upflow, horizontal left or right
  - GC9S80- downflow, horizontal left or right
- Convenient left or right connection for gas and electrical service
- Heavy-gauge steel cabinet with durable baked-enamel finish
- Foil faced insulated heat exchanger



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INDOOR FURNACE UNIT DETAILS : GM9S800403ANA\*

Power Supply (V/Hz/Ph):	115/60/1	Temperature Rise Range High Fire (° F):	25-55
Min. Circuit Amps MCA (A):	8.7	Temperature Rise Range Low Fire (° F):	-
Max Overcurrent Protection (MOP) (A):	15	High Fire Input Capacity :	40000
AFUE :	80	High Fire Output Capacity :	32,000
Vent Diameter (In):	4	Low Fire Input Capacity :	-
Net Weight (lb):	86	Low fire output Capacity :	-
Gross Weight (lb):	87	Dimensions (HxWxD) (in):	33-3/8 x 14 x 28



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**INDOOR Furnance ( GM9S800403AN )  
Dimensional Drawing is not available**



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