

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 207347643 Products [GSX140301N* , CA*FA3022*6B*+TXV+HSK, GM9S800804BNA*] , 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

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.:	CAPFA3022B6B*		
TXV/PISTON :	TX3N4		
Furnace Unit Model No.:	GM9S800804BN		
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:	80

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

CABINET FEATURES:

- **DATA IS NOT AVAILABLE**



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INDOOR UNIT DETAILS : CAPFA3022B6B*

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):	44	Condensate Connection (in) :	3/4



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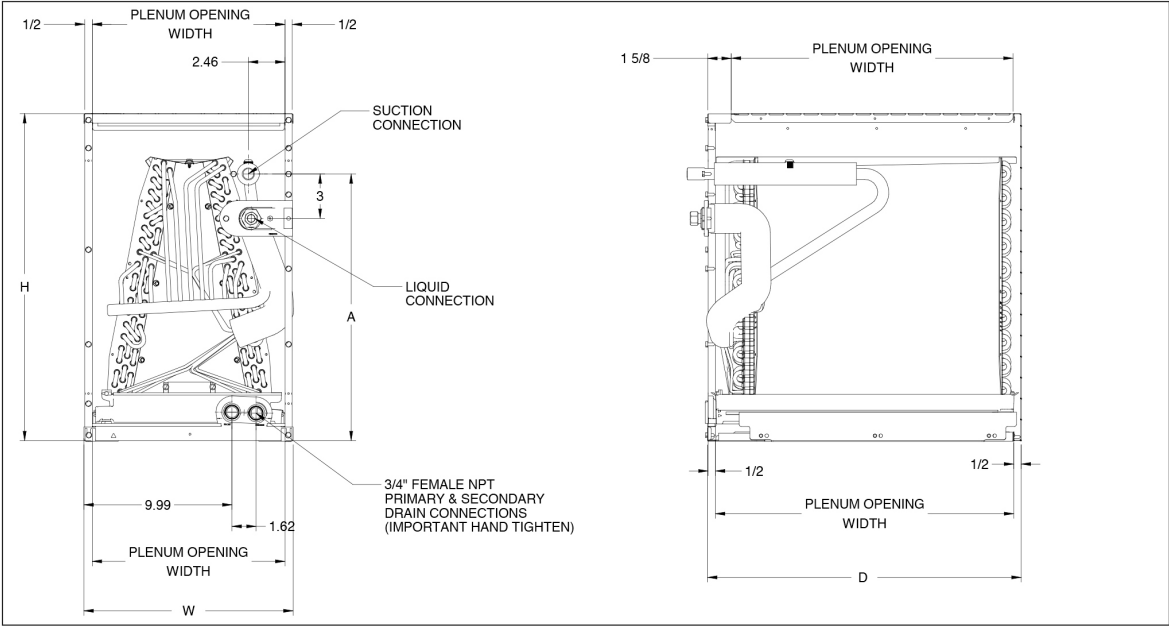
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STANDARD FEATURES:

- 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 : GM9S800804BNA*

Power Supply (V/Hz/Ph):	115/60/1	Temperature Rise Range High Fire (° F):	35-65
Min. Circuit Amps MCA (A):	12.45	Temperature Rise Range Low Fire (° F):	-
Max Overcurrent Protection (MOP) (A):	15	High Fire Input Capacity :	80000
AFUE :	80	High Fire Output Capacity :	64,000
Vent Diameter (In):	4	Low Fire Input Capacity :	-
Net Weight (lb):	120	Low fire output Capacity :	-
Gross Weight (lb):	105	Dimensions (HxWxD) (in):	33-3/8 x 17-1/2 x 28



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**INDOOR Furnance (GM9S800804BN)
Dimensional Drawing is not available**



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