

Submittal Data Sheet

14.5 SEER, Air Conditioner System, 3.5 Ton, Outdoor Unit-GSX140421K*

Submitted By : Goodman/Amana Unitary Test System

Submitted To : N/A

Tags : AHRI 207347795 Products [GSX140421K* , CA*F4961*6D* , GM9S801005CNA*] , 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.:	GSX140421K*	Description :	14.5 SEER, Air Conditioner System, 3.5 Ton Outdoor System
Indoor Unit Model No.:	CAPF4961C6D*		
TXV/PISTON :	0.074		
Furnace Unit Model No.:	GM9S801005CN		
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):	38000	OD Rated Heating Capacity (Btu/hr)	N/A
EER:	12.0	Heating COP:	N/A
SEER:	14.5	AFUE:	80

OUTDOOR UNIT DETAILS : GSX140421K*

Power Supply (V/Hz/Ph):	208/230/60/1	Compressor Type:	Scroll
Min. Circuit Amps MCA (A):	21.8	Compressor Stages:	Single Stage
Max Overcurrent Protection (MOP) (A):	35	Suction Valve Connection Size (in):	7/8
Compressor Rated Load Amps :	16.7	Liquid Valve Connection Size (in):	3/8
Refrigerant Type:	R-410A	Sound Power(High/Med/Low) (dBA):	73 / - / N/A
Holding Refrigerant Charge (oz):	93	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):	189
Dimensions (HxWxD) (in):	36-1/4 x 29-1/4 x 29-1/4	Gross Weight (lb):	173
*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:

- All-Aluminum evaporator coil
- Optimized for use with R-410A refrigerant
- Check flowrator for cooling and heat pump applications
- Vertical application
- 21" depth for easier attic access
- Galvanized, leather grain-embossed finish
- Rust resistant, thermoplastic drain pans featuring a low water-retention design
- AHRI certified
- ETL Listed

CABINET FEATURES:

- Twenty one inch depth for easier attic access
- Split seam front for easy access
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- Galvanized, leather grain-embossed finish



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INDOOR UNIT DETAILS : CAPF4961C6D*

Dimensions (HxWxD) (in) :	30 x 21 x 21	Suction Connection Size (in) :	7/8
Net Weight (lb):	73	Liquid Connection Size (in) :	3/8
Gross Weight (lb):	75	Condensate Connection (in) :	3/4
Power Voltage (lb):	-	Current Type :	-
Power Phase:	-	Power Frequency :	-
Min Voltage :	-	Max Voltage :	-
MCA :	-	MOP :	-
Electric Heat Range :	-	Indoor Blower FLA :	-
Fan Motor Output :	-	Outdoor Fan LRA :	-



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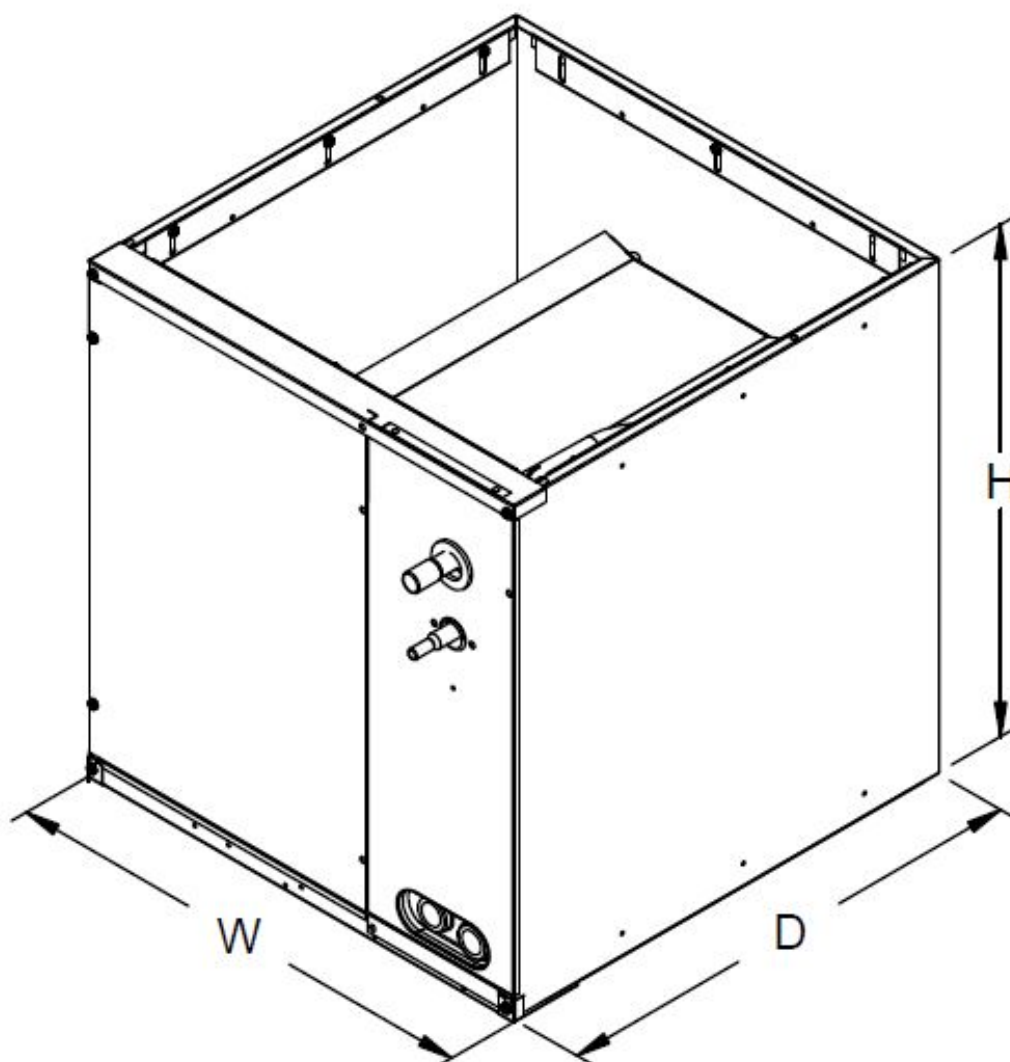
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STANDARD FEATURES:

- 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 : GM9S801005CNA*

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 :	100000
AFUE :	80	High Fire Output Capacity :	80,000
Vent Diameter (In):	4	Low Fire Input Capacity :	-
Net Weight (lb):	132	Low fire output Capacity :	-
Gross Weight (lb):	116	Dimensions (HxWxD) (in):	33-3/8 x 21 x 28
Power Voltage (lb):	115	Current Type :	-
Power Phase:	1	Power Frequency :	60
Min Voltage :	-	Max Voltage :	-
MCA :	12.45	MOP :	15
Electric Heat Range :	-	Indoor Blower FLA :	-
Fan Motor Output :	-	Outdoor Fan LRA :	-



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**INDOOR Furnance (GM9S801005CN)
Dimensional Drawing is not available**



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