

Submittal Data Sheet

14.3 SEER2, Air Conditioner System, 2.0 Ton, Outdoor Unit-GSXN402410A*

Submitted By : Goodman/Amana Unitary Test System

Submitted To : N/A

Tags : AHRI 209322021 Products [GSXN402410A* , CA*FA2422*6B*+TXV, GC9S960603BNA*] , SEER2 14.3 , EER2 11.7

STANDARD FEATURES:

- Energy-efficient compressor
- Copper tube/enhanced aluminum fin coil-5mm diameter on 1.5-4.0 Ton
- Factory-installed filter drier
- Fully charged for 15' of tubing length
- Service valves with sweat connections and easy-to-access gauge ports
- Contactor with lug connection
- Ground lug connection
- AHRI Certified
- ETL Tested

Data Missing

CABINET FEATURES:

- Removable grille-style top design
compliant with UL 60335-2-40
- Venturi for increased velocity of airflow
- Heavy-gauge galvanized-steel cabinet
- Attractive Architectural Gray powder-paint
finish with 500-hour salt-spray approval
- Steel louver coil guard
- Rust-resistant coated screws
- Single-panel access to controls with space
provided for field-installed accessories
- When properly anchored, meets the 2020 Florida
Building Code unit integrity requirements for
hurricane-type winds (Anchor bracket kits available.)



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SYSTEM PERFORMANCE

Outdoor Unit Model No.:	GSXN402410A*	Description :	14.3 SEER2, Air Conditioner System, 2.0 Ton Outdoor System
Indoor Unit Model No.:	CAPFA2422B6B*		
TXV/PISTON :	TX2N4A		
Furnace Unit Model No.:	GC9S960603BN		
Rated Cooling Conditions:	Outdoor (°F DB/WB):N/A/N/A Indoor (°F DB/WB):N/A/N/A	Rated Heating Conditions:	Outdoor (°F DB/WB):N/A/N/A Indoor (°F DB/WB):N/A/N/A
Rated Cooling Capacity (Btu/hr):	N/A	OD Rated Heating Capacity (Btu/hr)	N/A
EER2:	11.7	EER:	N/A
Heating COP:	N/A	SEER2:	14.3
SEER:	N/A	AFUE:	96

OUTDOOR UNIT DETAILS : GSXN402410A*

Power Supply (V/Hz/Ph):	208/230/60/1	Compressor Type:	Rotary
Min. Circuit Amps MCA (A):	13.8	Compressor Stages:	Single Stage
Quantity:	1	Max Overcurrent Protection (MOP) (A):	15
Suction Valve Connection Size (in):	3/8	Compressor Rated Load Amps :	8.4
Liquid Valve Connection Size (in):	3/4	Refrigerant Type:	-
Sound Power(High/Med/Low) (dBA):	72.0 / - / -	Holding Refrigerant Charge (oz):	71
Cooling Operation Range (°F DB):	- - -	Additional Charge (oz/ft):	-
Heating Operation Range (°F DB):	N/A	Pre-charge Piping (Length) (ft):	-
Net Weight (lb):	138	Dimensions (HxWxD) (in):	32.5 x 26 x 26
Gross Weight (lb):	142	*Max. Pipe Length (Vertical) (ft):	-
*Max. Pipe Length (Total) (ft):	-		

**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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Outdoor (GSXN402410) Dimensional Drawing is not available



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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*

Quantity:	1	Configuration:	
Cased VS Uncased:	Cased	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	Power Voltage (lb):	-
Current Type :	-	Power Phase:	-
Power Frequency :	-	Min Voltage :	-
Max Voltage :	-	MCA :	-
MOP :	-	Electric Heat Range :	-
Indoor Blower FLA :	-	Fan Motor Output :	-



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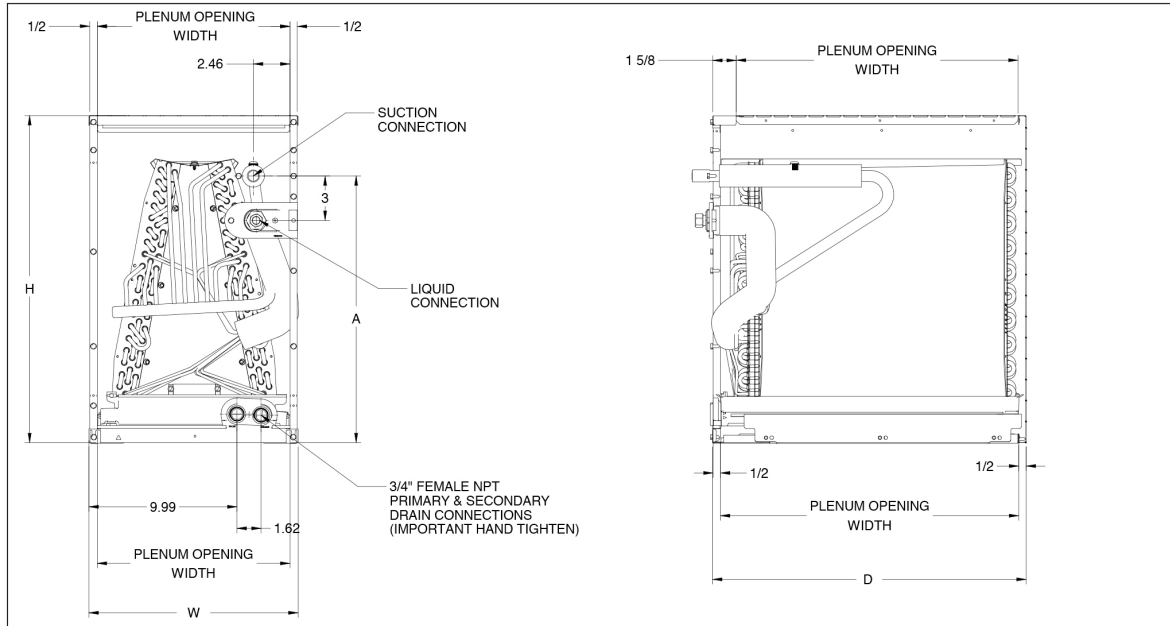
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STANDARD FEATURES:

- Heavy-duty aluminized-steel tubular heat exchanger
- Stainless-steel secondary heat exchanger
- Single-stage gas valve
- Durable Silicon Nitride igniter
- Quiet single-speed induced draft blower
- Self-diagnostic control board with constant memory fault code history output to a LED
- All models comply with California 40 ng/J Low NOx emissions standard
- Can no longer be installed in California's South Coast Air Quality Management District (SCAQMD) on or after October 1, 2019
- AHRI Certified
- ETL Listed

CABINET FEATURES:

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INDOOR FURNACE UNIT DETAILS : GC9S960603BNA*

Configuration:	Downflow/Horizontal	Blower/Motor Size:	Multi Speed ECM
NOx:	Natural Gas	Communication:	Non-Communicating
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 :	60000
AFUE :	96	High Fire Output Capacity :	57660
Vent Diameter (In):	-	Low Fire Input Capacity :	-
Net Weight (lb):	116	Low fire output Capacity :	-
Gross Weight (lb):	121	Dimensions (HxWxD) (in):	33-3/8 x 17-1/2 x 28
Power Voltage (lb):	115	Current Type :	-
Power Phase:	1	Power Frequency :	60
Min Voltage :	-	Max Voltage :	-
MCA :	10.3	MOP :	15.0
Electric Heat Range :	-	Indoor Blower FLA :	-
Fan Motor Output :	-	Outdoor Fan LRA :	-



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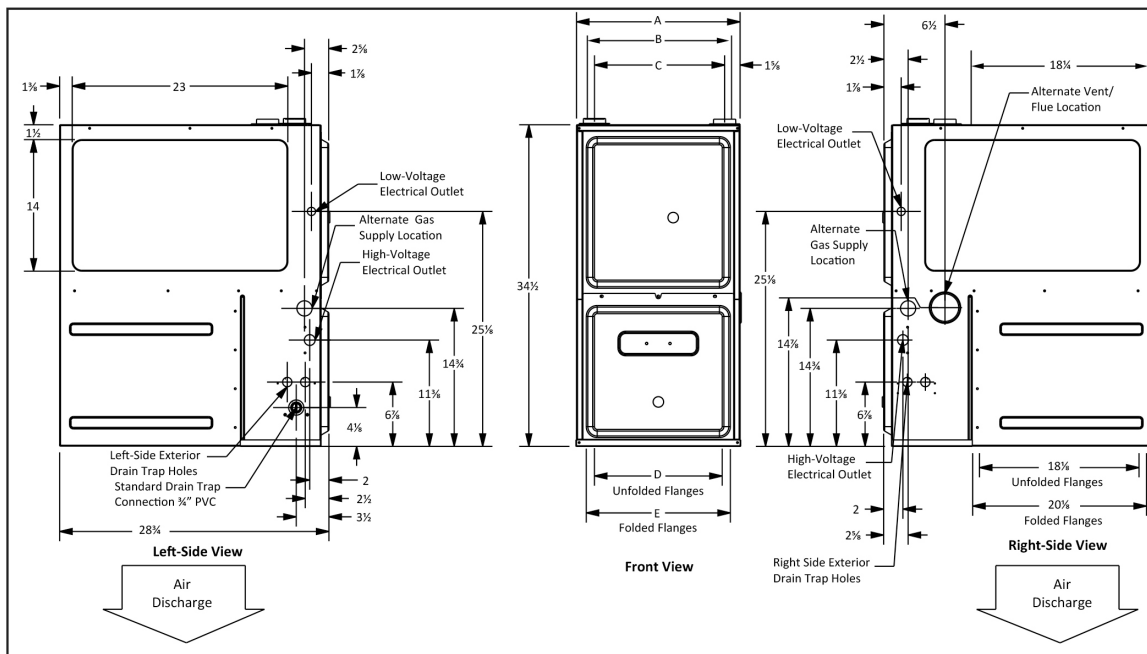
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MODEL	A	B	C	D	E
GC9S960403BN	17 1/2"	16"	13 3/8"	12 1/8"	13 3/8"
GC9S960603BNA	17 1/2"	16"	13 3/8"	12 1/8"	13 3/8"
GC9S960804CN	21"	19 1/2"	17 3/8"	16"	17 1/2"
GC9S961005CN	21"	19 1/2"	17 3/8"	16"	17 1/2"
GC9S961205DN	24 1/2"	23"	20 7/8"	19 3/8"	20 7/8"

MINIMUM CLEARANCES TO COMBUSTIBLE MATERIALS

POSITION	SIDES	REAR	FRONT	BOTTOM	FLUE	TOP
Downflow	0"	0"	3"	NC	0"	1"
Horizontal	6"	0"	3"	C	0"	6"

C = If placed on combustible floor, the floor MUST be wood ONLY.

NC = For installation on non-combustible floors only. A combustible floor sub-base must be used for installations on combustible flooring.



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