

Submittal Data Sheet

14.0 SEER, Air Conditioner System, 5.0 Ton, Outdoor Unit-GSX140601K*

Submitted By : Goodman/Amana Unitary Test System

Submitted To : N/A

Tags : AHRI 203910784 Products [GSX140601K* , CHPF4860D6D*+TXV, GMEC800805DXA*] , SEER 14.0 , EER 11.7

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.:	GSX140601K*	Description :	14.0 SEER, Air Conditioner System, 5.0 Ton Outdoor System
Indoor Unit Model No.:	CHPF4860D6D*		
TXV/PISTON :	TX5N4		
Furnace Unit Model No.:	GMEC800805DX		
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):	56000	OD Rated Heating Capacity (Btu/hr)	N/A See Furnace Details
EER:	11.7	Heating COP:	N/A
SEER:	14.0	AFUE:	80

OUTDOOR UNIT DETAILS : GSX140601K*

Power Supply (V/Hz/Ph):	208/230/60/1	Compressor Type:	Scroll
Min. Circuit Amps MCA (A):	32.6	Compressor Stages:	Single Stage
Max Overcurrent Protection (MOP) (A):	50	Suction Valve Connection Size (in):	7/8
Compressor Rated Load Amps :	25.0	Liquid Valve Connection Size (in):	3/8
Refrigerant Type:	R-410A	Sound Power(High/Med/Low) (dBA):	75 / - / N/A
Holding Refrigerant Charge (oz):	120	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):	260
Dimensions (HxWxD) (in):	40 x 35-3/4 x 35-3/4	Gross Weight (lb):	242
*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
- Some models suitable for use with R-410A or R-22 refrigerant
- CAPT models feature factory-installed thermal expansion valves for cooling and heat pump applications
- Check flowrator for cooling and heat pump applications
- Vertical and horizontal models available
- Rust resistant, thermoplastic drain pans featuring a low water-retention design
- DecaBDE-free thermoplastic drain pan with secondary drain connections
- UV-resistant drain pan
- AHRI certified
- ETL listed

Data Missing

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 : CHPF4860D6D*

Dimensions (HxWxD) (in) :	24-1/2 x 26 x 21-1/4	Suction Connection Size (in) :	7/8
Net Weight (lb):	77	Liquid Connection Size (in) :	3/8
Gross Weight (lb):	70	Condensate Connection (in) :	3/4



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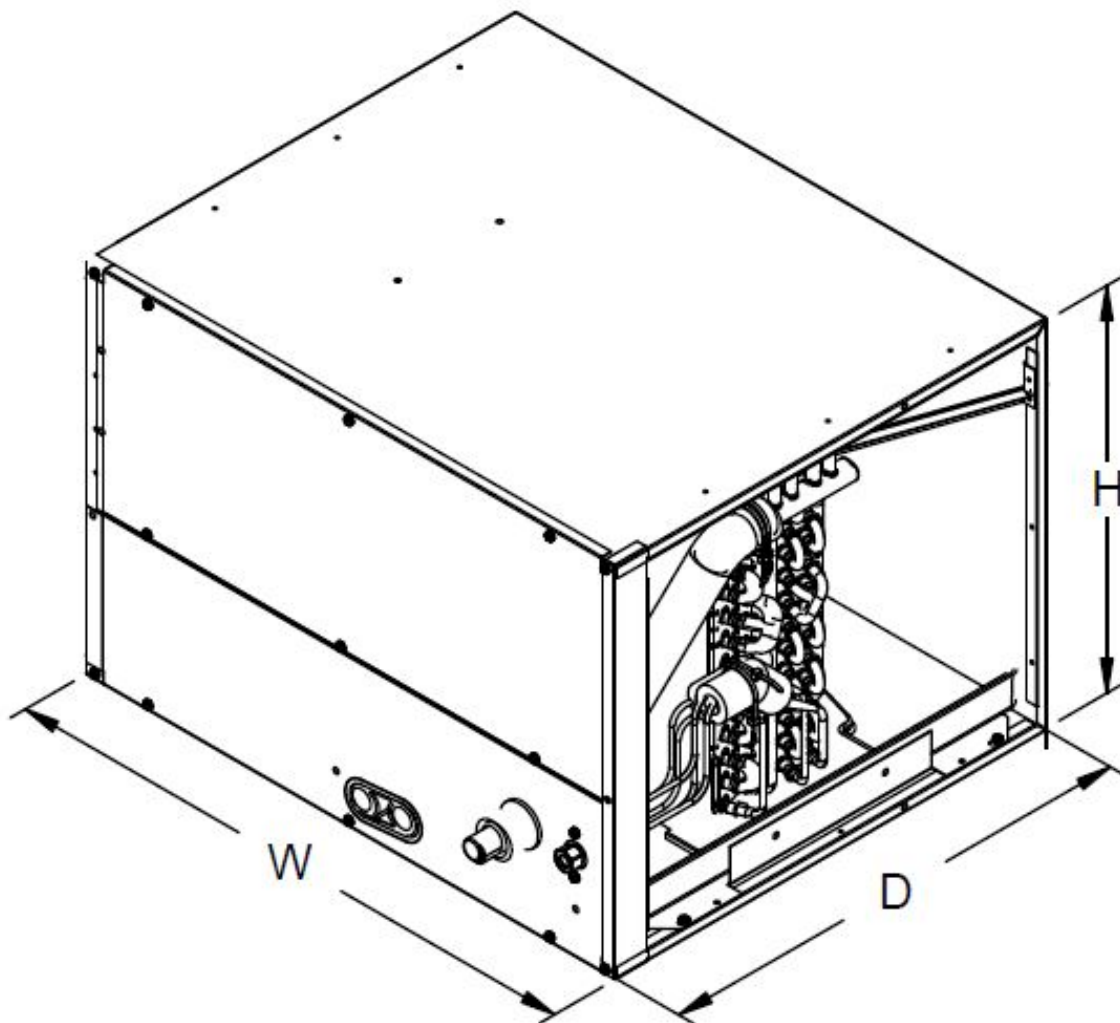
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STANDARD FEATURES:

- Heavy-duty aluminized-steel tubular heat exchanger
- "Silicon Nitride igniter"
- Color-coded low-voltage terminals
- Two-Stage gas valve
- Multi-speed ECM blower motor with continuous fan speed
- Fault code LED Output
- Two-stage gas valve
- Furnace control board with self-diagnostics and provisions for electronic air cleaner and 120-volt or 24-volt humidifiers

CABINET FEATURES:

- Multi-position installation: upflow, horizontal left or right
- Convenient left or right connection for gas and electrical service
- Cabinet air leakage (Qleak) less than or equal to 2%
- Fully insulated heat exchanger and blower section
- Bottom or side return air applications
- Heavy-gage steel cabinet with durable finish



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INDOOR FURNACE UNIT DETAILS : GMEC800805DXA*

Power Supply (V/Hz/Ph):	115/60/1	Temperature Rise Range High Fire (° F):	20-50
Min. Circuit Amps MCA (A):	15.32	Temperature Rise Range Low Fire (° F):	20-50
Max Overcurrent Protection (MOP) (A):	20	High Fire Input Capacity :	80,000
AFUE :	80	High Fire Output Capacity :	64,000
Vent Diameter (In):	4	Low Fire Input Capacity :	56,000
Net Weight (lb):	129	Low fire output Capacity :	44,800
Gross Weight (lb):	124	Dimensions (HxWxD) (in):	33.5 x 24.5 x 28



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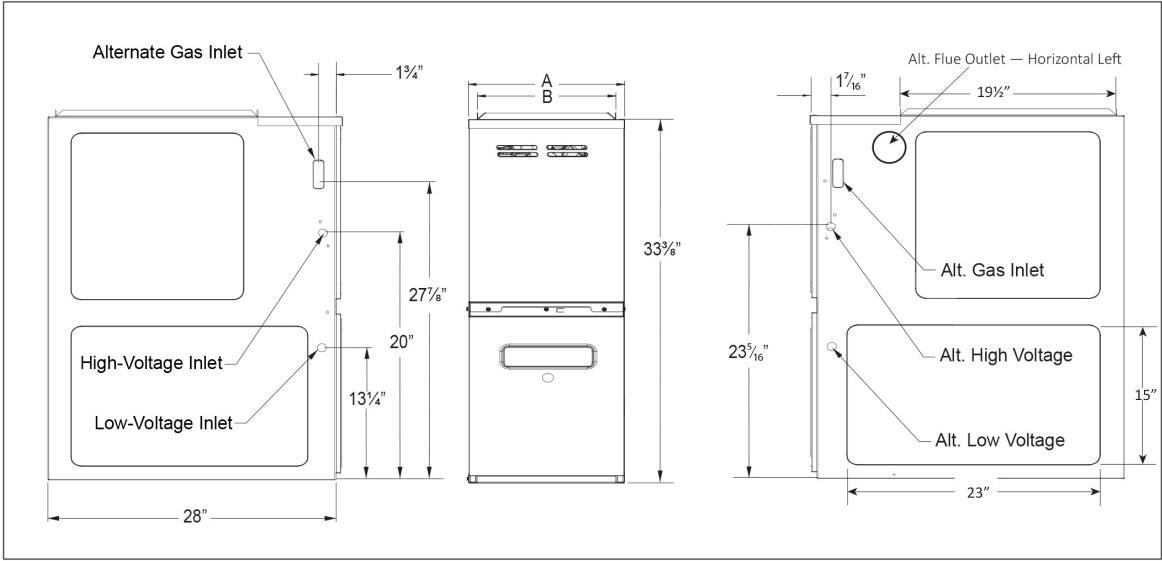
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MODEL	DIMENSIONS		
	W	D	H
GMEC800403A*	14"	28"	33 3/8"
GMEC800603AN	14"	28"	33 3/8"
GMEC800603BN	17 1/2"	28"	33 3/8"
GMEC800803BN	17 1/2"	28"	33 3/8"
GMEC800804BN	17 1/2"	28"	33 3/8"
GMEC800804CN	21"	28"	33 3/8"
GMEC800805CN	21"	28"	33 3/8"
GMEC800805DX	24 1/2"	28"	33 3/8"
GMEC801004CN	21"	28"	33 3/8"
GMEC801005CN	21"	28"	33 3/8"
GMEC801205DN	24 1/2"	28"	33 3/8"

MINIMUM CLEARANCES TO COMBUSTIBLE MATERIALS

SIDES	REAR	FRONT	BOTTOM	VENT		TOP
				SW	B	
1	0	3	C	6	1	1

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

NOTES:

- For servicing or cleaning, a 24" front clearance is recommended.
- Unit connections (electrical, flue, and drain) may necessitate greater clearances than the minimum clearances listed above.
- In all cases, accessibility clearance must take precedence over clearances from the enclosure where accessibility clearances are greater.
- Refer to the appropriate USA and Canadian codes:
 - In the USA: the National Fuel Gas Code NFPA 54 / ANSI Z223.1
 - In Canada: the Canada National Standard of Canada, CAN/CSA B149.1 and CAN/CSA B142.2

