

## Submittal Data Sheet

14.0 SEER, Heat Pump System, 3.0 Ton, Outdoor Unit-GSZ140361K\*

Submitted By : Goodman/Amana Unitary Test System

Submitted To : N/A

Tags : AHRI 201644607 Products [GSZ140361K\* , ARUF37C14A\*+TXV, ] , SEER 14.0 , EER 11.5 , HSPF 8.2

### STANDARD FEATURES:

- Energy-efficient compressor
- Single-speed PSC condenser fan motor
- Factory-installed filter drier
- Factory-installed suction line accumulator
- Factory-installed compressor crankcase heater
- Factory-installed high-capacity muffler
- Factory-installed high and low-pressure switches
- SmartShift® technology with short-cycle protection to ensure quiet, reliable defrost
- Contactor with lug connection
- Fully charged for fifteen feet of tubing length
- AHRI Certified-ETL Listed
- Copper tube & enhanced aluminum fin coil.

**Data Missing**

### 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.:	GSZ140361K*	Description :	14.0 SEER, Heat Pump System, 3.0 Ton Outdoor System
Indoor Unit Model No.:	ARUF37C14A*		
TXV/PISTON :	TX3N4		
Rated Cooling Conditions:	Outdoor (°F DB/WB):95/75 Indoor (°F DB/WB):80/67	Rated Heating Conditions:	Outdoor (°F DB/WB):47/43 Indoor (°F DB/WB):70/60
Rated Cooling Capacity (Btu/hr):	34600	OD Rated Heating Capacity (Btu/hr)	32200
EER:	11.5	Heating COP:	3.6
SEER:	14.0	* HSPF:	8.2

### OUTDOOR UNIT DETAILS : GSZ140361K\*

Power Supply (V/Hz/Ph):	208/230/60/1	Compressor Type:	Scroll
Min. Circuit Amps MCA (A):	20.2	Compressor Stages:	Single Stage
Max Overcurrent Protection (MOP) (A):	35	Suction Valve Connection Size (in):	7/8
Compressor Rated Load Amps :	15.4	Liquid Valve Connection Size (in):	3/8
Refrigerant Type:	R-410A	Sound Power(High/Med/Low) (dBA):	74 / - / N/A
Holding Refrigerant Charge (oz):	115	Cooling Operation Range (°F DB):	55 - 125
Additional Charge (oz/ft):	0.60	Heating Operation Range (°F DB):	-20 - 70
Pre-charge Piping (Length) (ft):	15	Net Weight (lb):	173
Dimensions (HxWxD) (in):	38-3/4 x 29-1/4 x 29-1/4	Gross Weight (lb):	196
*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:

- Check flowrator for cooling and heat pump applications
- Direct drive, multi-speed PSC blower motor
- All-aluminum evaporator coil
- Coil mounting track for quick repositioning
- Cabinet air leakage less than 2.0% at 1.0 inch H2O when tested in accordance with ASHRAE standard 193
- Cabinet air leakage less than 1.4% at 0.5 inch H2O when tested in accordance with ASHRAE standard 193
- 3 kW – 15 kW electric heater kits
- Horizontal or vertical configuration capabilities
- AHRI certified
- ETL listed

**Data Missing**

### CABINET FEATURES:

- Rigid SmartFrame cabinet
- 21" depth for easier attic access
- DecaBDE-free thermoplastic drain pan with secondary drain connections
- Screw-less sides and back helps to reduce condensation when installed in humid locations
- Foil-faced insulation covers the internal casing to reduce cabinet condensation
- Galvanized, leather grain-embossed finish
- Glue-less cabinet insulation retention
- Tool-less filter access



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### INDOOR AIR HANDLER UNIT DETAILS : ARUF37C14

Power Supply (V/Hz/Ph):	208/230/60/1	Suction Connection Size (in):	7/8
Min. Circuit Amps MCA (A):	3.6/3.6	Liquid Connection Size (in):	3/8
Max Overcurrent Protection (MOP) (A):	15	Condensate Connection (in):	3/4
Net Weight (lb):	130	Dimensions (HxWxD) (in):	53-1/2 x 21 x 21
Gross Weight (lb ):	136		

The Electrical data shown here in submittal is for Air Handler only with no heat added. When adding Heat Kit please refer to Heat Kit Spec Sheet for electrical requirements



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