

Submittal Data

SMZCA12H4ZIGC



Job Name _____ Location _____

Purchaser _____

Engineer _____

Submitted to _____ For: Reference _____ Approval _____ Construction _____

Submitted By _____

Capacities

Rated BTU cool/Heat	12,000/13,000 Btu/h
BTU/h min/max (Cooling)	12,000 Btu/h
BTU/h min/max (Heating)	13,000 Btu/h
Cooling Operating Range	14°F to 118°F
Heat Operating Range	5°F to 81°F
Dehumidifying volume	2.96 Pts./Hr.
Fan Motor speeds (RPM)	845/700/650/560
Sound Pressure Level (Db/a)	44
Sound Power Level (Db/a)	55
Setting Range	61° to 86°F

Seer Rating, C.O.P., EER, and HSPF ratings are based on the outdoor unit specifications. Ratings are based on 208-230 VAC.

Electrical

Rated Voltage	208-230 VAC/1ph/60HZ
Fan Motor Output	45 Watts
Fan Motor (RLA)	.50 amps
Cabling (4 conductor)	14 AWG stranded
Fuse (on control board)	5 amps
Control Type	Remote or Wall mounted control

Voltage to the indoor unit is supplied via the 4 conductor cable as above.

Physical

Lineset (liquid/suction)	1/4 " X 3/8"
Unit Dimensions (WxDxH)	23.5" X 23.5" X 9.4"
Package Dimensions (WxDxH)	30.6" X 29.1" x 11.8"
Weight (Net/Gross) Lbs.	44.1 / 52.9



CONFORMS TO
UL STD. 1995
CERTIFIED TO
CSA STD. C22.2
NO. 236



Model	Product Code
SMZCA12H4ZIGC	243-6018-E

Grille to be ordered separately: SMZCA1218GR

Features:

- 1 Yr. parts warranty
- Inverter Technology
- R-410A refrigerant
- Auto, Cool, Heat, and Dry modes
- Particulate Filter
- Auto Changeover
- Wall mounted control and/or remote
- Timer/Clock
- Auto Restart
- Sleep Mode
- Purge function
- Illuminated display (on/off)

For Multi-Zone Systems to be connected to the following units only (ZOGB Condensers).

SMZ18H422ZOGB	SMZ24H421ZOGB
SMZ30H421ZOGB	SMZ42H421ZOGB

Recommended Options

Lineset	CTK143825 or CTK143850
Installation Kit	AK25 or AK50

Notes:

- AHRI registration numbers are based on outdoor unit.
- Condensate pump power is NOT to be connected to the indoor unit terminal #2. This will cause communication fault. Must break power terminals #1 and/or terminal #3 for pump.
- This unit only be used as a single indoor unit when connected to Model SMZ18H422ZOGB.
- Technical Support: (215)750-9876
- Website: www.IRProducts.biz

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OUTLINE AND DIMENSIONS

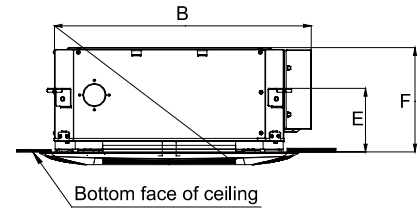
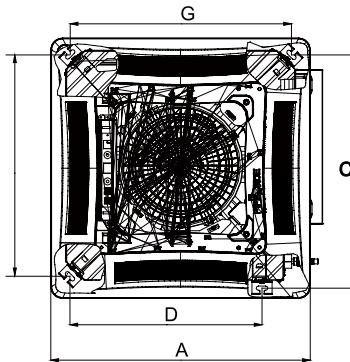


Table 1: Dimensions

MODEL	A	B	C	D	E	F	G	H
SMZCA12H4ZIGC	26.4"	26.2"	23.6"	19.5"	5.7"	9.4"	22.4"	22.4"

*Use Grill SMZCA1218GRC with this SMZCA12H4ZIGC

Grill Dimensions are :26.4"L x 26.4"W X 2"H

SELECTING LOCATIONS FOR THE INDOOR UNIT

1. Obstructions should be removed from the inlet or outlet of the indoor unit so that the airflow can move freely through rooms.
2. Ensure the installation is done as per the clearance and mounting requirements shown in Figure 2.
3. Ensure the hanger is strong enough to withstand twice the weight of the unit.
4. Ensure the unit is horizontal.
5. The drain outlet is easily accessible.
6. The unit should be installed away from any is heat source or explosive substances.
7. Route all electrical cables at least 3.3 ft. away from the electronics to avoid interference and noise.

WARRANTY

INTERNATIONAL REFRIGERATION PRODUCTS warrants the accompanying split air conditioner or heat pump system to be free of defects in material and workmanship for the applications specified in the operation manual and installation manual for a period of one (1) year on parts and five (5) years on compressor, valid from the date of original retail purchase in the United States or Canada. Labor is not covered under warranty.

If the unit exhibits a defect in normal use and is determined to be within the warranty period, INTERNATIONAL REFRIGERATION PRODUCTS will, at its discretion, either repair or replace the unit free of charge within a reasonable time after the unit is returned.

This warranty **DOES NOT** cover:

- Damage, accidental or otherwise, to the unit while in possession of the consumer that is not a result of a defect in material in workmanship.
- Damage caused by consumer misuse, tampering, or failure to follow all care and maintenance instructions in the manuals.
- Damage to the finish of the case or other parts caused by water.
- Damage caused by repairs or alterations to the unit by anyone other than a qualified technician.
- Filter.
- Freight and Insurance cost for the warranty service