



MAXXAIR 3100
DATA INQUIRY SHEET
441X3-656*
INTERNATIONAL HEAT PUMP

Cooling Capacity ¹	3.1 kw
Electrical Rating	240 VAC, 50 HZ, 1 Phase
Cooling Full Load AMP's at A.H.R.I. Standard Condition, 26.7°C Indoor, 35°C Outdoor	Compressor 3.30 I.D. Motor Low – 0.55 Med. – 0.58 High – 0.60 O.D. Motor Low – 0.55 High – 0.60
Running Watts (cooling) A.H.R.I. Standard Condition	1050
Running Watts (cooling) Desert Condition ² 37.8°C Indoor, 48.9°C Outdoor	1270
Compressor Locked Rotor Amps	24
Metering Device	Bi-Flow Restrictor
Refrigerant Charge – R-410A	595 Grams
Evaporator Air Delivery (High Speed)	135 L/S
Generator Size	See "Generators" Below
Unit Weight - includes ceiling assembly	38.4 Kg
Use time delay fuse or circuit breaker Max. rated 10 Amps, Use min. 14 AWG copper supply wires. Use time delay fuse or circuit breaker Min. rated 10 Amps, Use min. 14 AWG copper supply wires.	

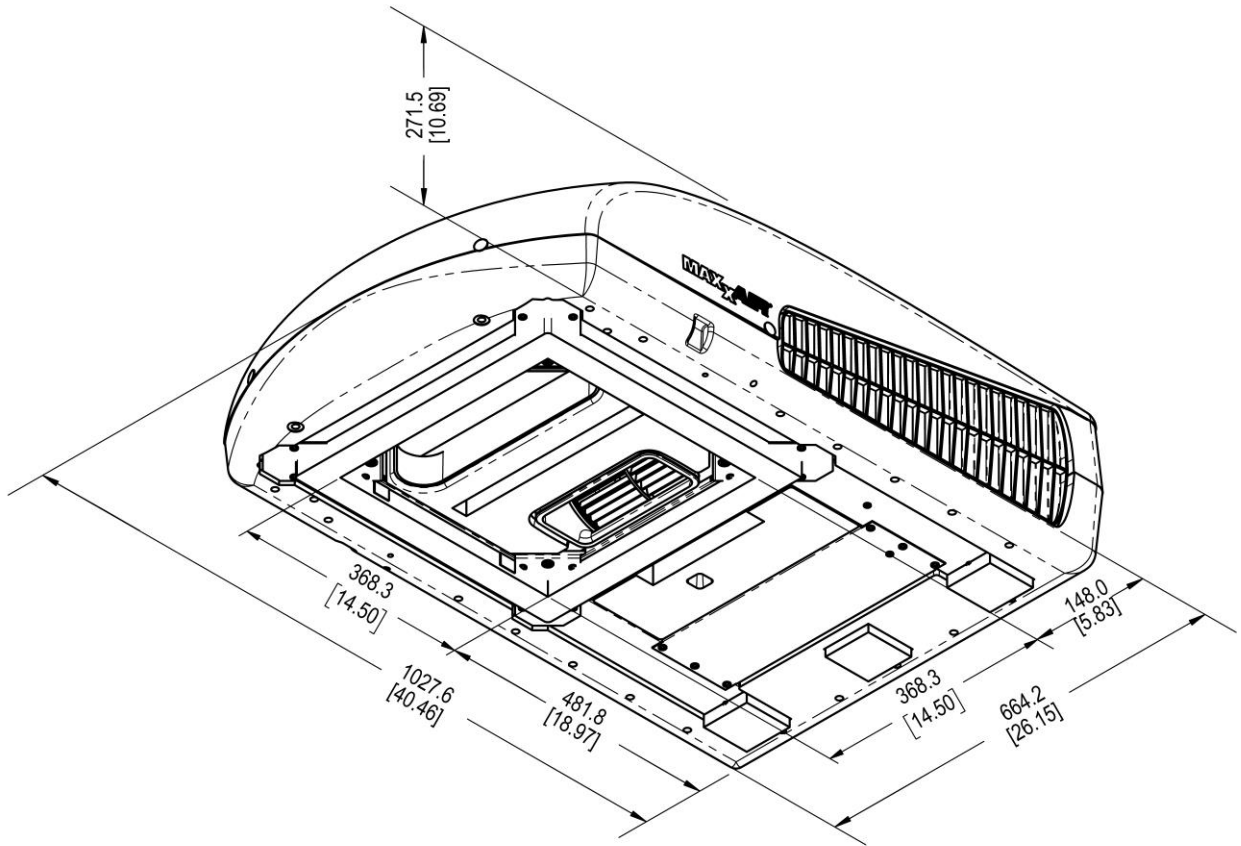
GENERATORS:

It is not the policy of Airxcel, Inc. to size generators for application in Recreation Vehicles or related structures. However, when sizing generators, the total electrical power consumption in Watts must be determined and taken into consideration, such as:

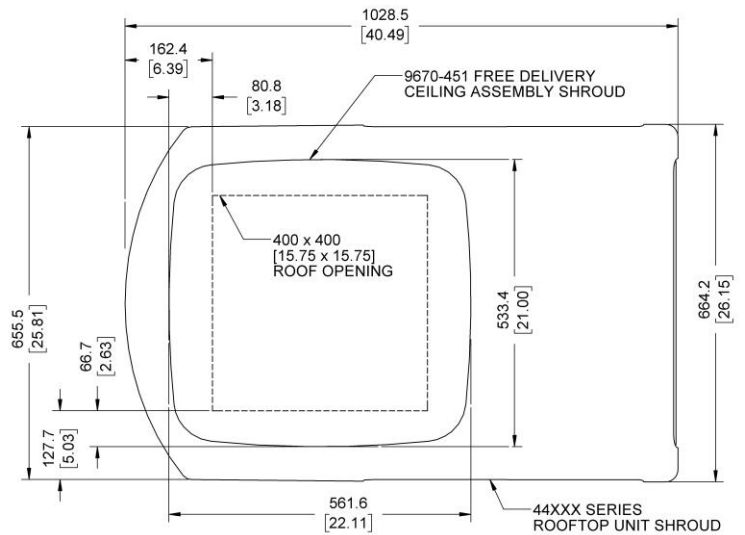
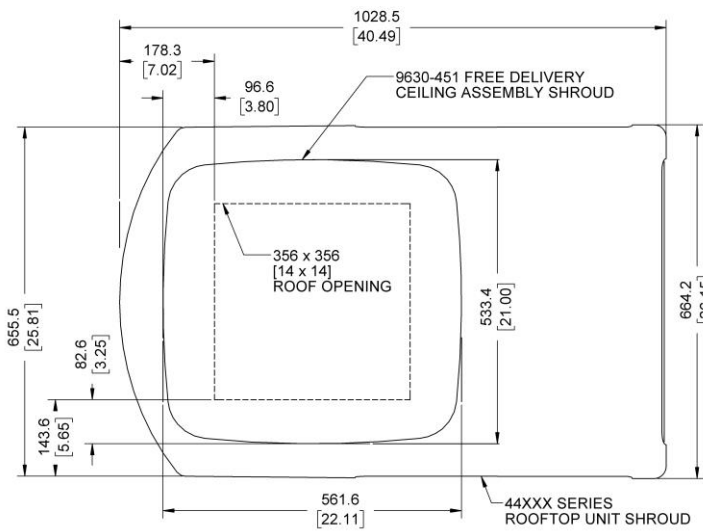
- A. Maximum running watts of the air conditioner at Airxcel, Inc. Desert Test (See Specifications).
² Desert Conditions 100°F/72°F (37.8°C/22.2°C) Indoor (DB/WB); 120°F (48.8°C) Outdoor.
- B. Power consumption of electronic ovens, toasters, coffeemakers, television sets, refrigerators, lights, etc.
- C. Generators do lose capacity under the following conditions: (1) Altitude increases above sea level, (2) Temperature increases above certain outdoor design temperatures, and (3) Lack of maintenance.

Airxcel Inc.
RV Products Division
P.O. Box 4020
Wichita, KS 67204

ROOF TOP UNIT DIMENSIONS



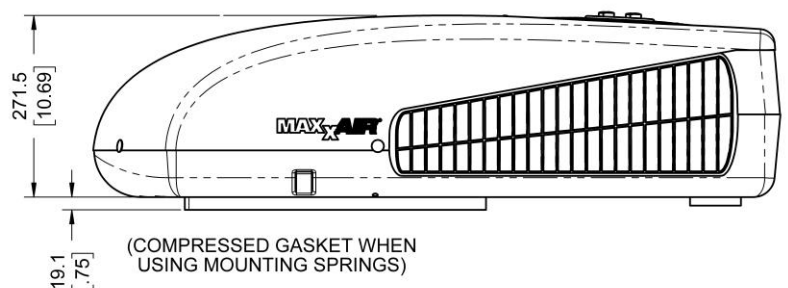
CEILING SHROUD DIMENSIONS



CEILING SHROUD DIMENSIONS

DIMENSIONS (mm/inches)		
Exterior Shroud	Height	271.5 / 10.69
	Width	664.2 / 26.15
	Length	1,028.5 / 40.49
Interior Shroud	Depth	51 / 2.0
	Width	533 / 21.00
	Length	562 / 22.11

UNIT PROFILE





This manual is provided courtesy of **RV Tech Cheat Sheet**



Professional resources for the whole RV industry — free.

We put manuals, wiring diagrams and hard-won tech knowledge in every technician's hands, so repairs get done right the first time, techs work faster, and RV owners everywhere get better service.



rvtechcheatsheet.com/manuals

Find thousands more RV manuals, wiring diagrams and parts lists

RV techs: share fixes, ask questions and learn from each other.

Join our free Facebook group →



Follow proper safety practices. If in doubt, consult a professional RV technician.
