

Coleman®-Mach®

... indoor comfort for the great outdoors!

MACH® 8

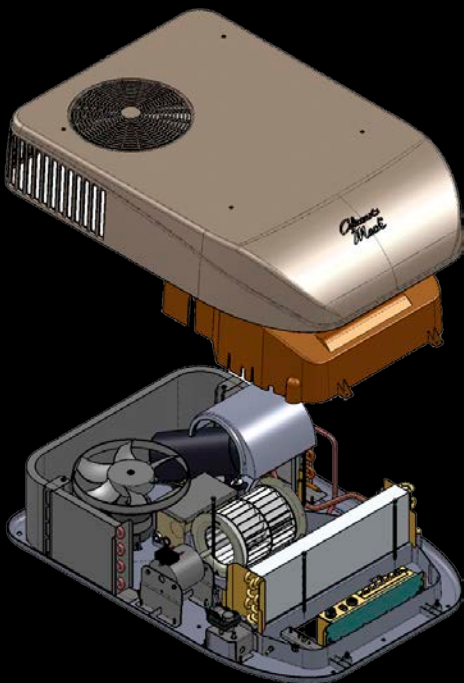
ULTRA LOW-PROFILE AIR CONDITIONERS and HEAT PUMPS

The revolutionary MACH® 8 models have the lowest aerodynamic profile of any rooftop units ever in the industry. The **INDUSTRY EXCLUSIVE** fiberglass basepan, provides superior strength and durability while reducing weight. Available in 9k, 13.5k, and 15k BTUh capacities and in **ROUGHNECK™** rough duty models. The MACH® 8 outperforms all competitive models by delivering more cooling at a higher rate of airflow. Built-in 100% condensate water removal is also available.



TOP/DOWN DUAL DUCTED MOUNTING SYSTEM

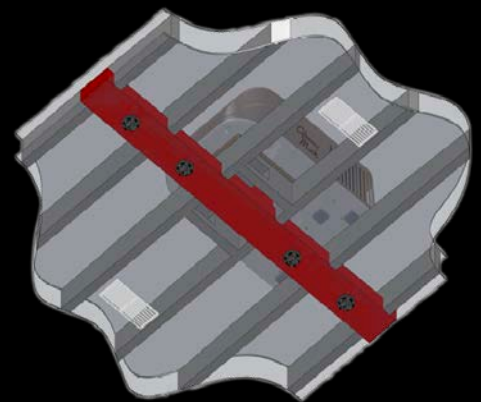
AIRXCEL-erate the performance of your in-roof ducted air system with MACH® 8 air conditioners and heat pumps specifically designed for fast and easy Top/Down installations.



HOW IT WORKS

Multiple installation points are designed into the MACH® 8 fiberglass basepan and are easily accessible. All attachments to the vehicle roof and all control box and thermostat wiring is done from the Top/Down resulting in a fast and easy installation that increases the system heating and cooling performance and significantly reduces operational and airflow noise.

In-roof ducting is utilized for both return and supply airflows thus eliminating the interior ceiling air plenum. Ceiling aesthetics are greatly improved and noise is greatly reduced resulting in true residential style performance and reliability.



ACCESSORIES



DELUXE - HEAT READY FREE DELIVERY CEILING ASSEMBLY

- ▶ Operation and Control Knobs are located on the horizontal surface for easy access
- ▶ Low-Profile Euro styling provides a Contemporary look and feel
- ▶ Independently controlled front and rear airflow dampers allow the majority of conditioned air to be directed forward and aft for **MAXIMUM cooling comfort**
- ▶ Pop-Out retainer grilles for quick, easy and tool-free access to the washable air filters
- ▶ Electric heat strip ready makes installation a breeze
- ▶ Contemporary design covers the existing ceiling imprints

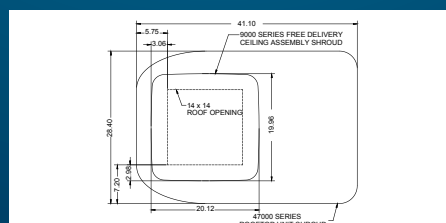
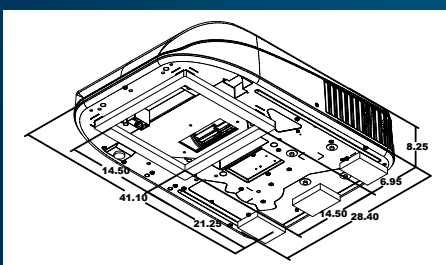


DELUXE - CHILLGRILLE CEILING ASSEMBLY

- ▶ Low-Profile EURO styling provides a contemporary look and feel
- ▶ Utilizes our EXCLUSIVE DirectFLOW Louver System – simply open the specially designed louvers to channel cold air directly into the RV interior, or close the louvers to divert the cold air through the existing in-roof duct system
- ▶ Pop-Out retainer grilles for quick, easy and tool-free access to the washable air filters
- ▶ The DELUXE ChillGrille can replace our STANDARD ChillGrille to upgrade the aesthetics and appearance of your RV interior.
- ▶ Contemporary design covers the existing ceiling imprints

SPECIFICATIONS

MODEL	COOL / HEAT CAPACITY	ELECTRIC HEAT ELEMENT CAPACITY	ELECTRICAL RATING	COOLING AMPS-HIGH	RUNNING WATTS STANDARD	RUNNING WATTS DESERT	RUNNING WATTS HEAT STRIP	LOCKED ROTOR AMPS	CFM	WEIGHT (lbs)
MACH 8 CUB	9,200	6,000	115 VAC, 60HZ	11.7	1270	1550	1748	58.4	300	87
MACH 8 A/C	13,500	6,000	115 VAC, 60HZ	15.3	1599	1913	1748	63	300	90
MACH 8 A/C	15,000	6,000	115 VAC, 60HZ	15.9	1671	1995	1748	63	300	92
MACH 8 H/P	13,500	6,000	115 VAC, 60HZ	15.7	1647	1946	1748	63	300	93
MACH 8 H/P	15,000	6,000	115 VAC, 60HZ	15.9	1657	2017	1748	63	300	94



QUICK REFERENCE CHART

DIMENSIONS	
EXTERIOR SHROUD	Height: 8.25"
	Width: 28.40"
	Length: 41.10"
INTERIOR SHROUD	Height: 2.2"
	Width: 19.9"
	Length: 20.1"



**COLEMAN-MACH
DATA INQUIRY SHEET
471X3*79X5
MACH 8 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 4.8 I.D. Motor Low -.1 High -.2 O.D. Motor .35
Running Watts (cooling) A.H.R.I. Standard Condition	1220
Running Watts (cooling) Desert Condition ² 37.8°C Indoor, 48.9°C Outdoor	1505
Compressor Locked Rotor Amps	28
Metering Device	Bi-Flow Restrictor
Refrigerant Charge – R-407C	595 Grams
Evaporator Air Delivery	118 L/S
Generator Size	See “Generators” Below
Unit Weight - includes ceiling assembly and Easy Start™	50.8 Kg
Use time delay fuse or circuit breaker Max. rated 15 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.	

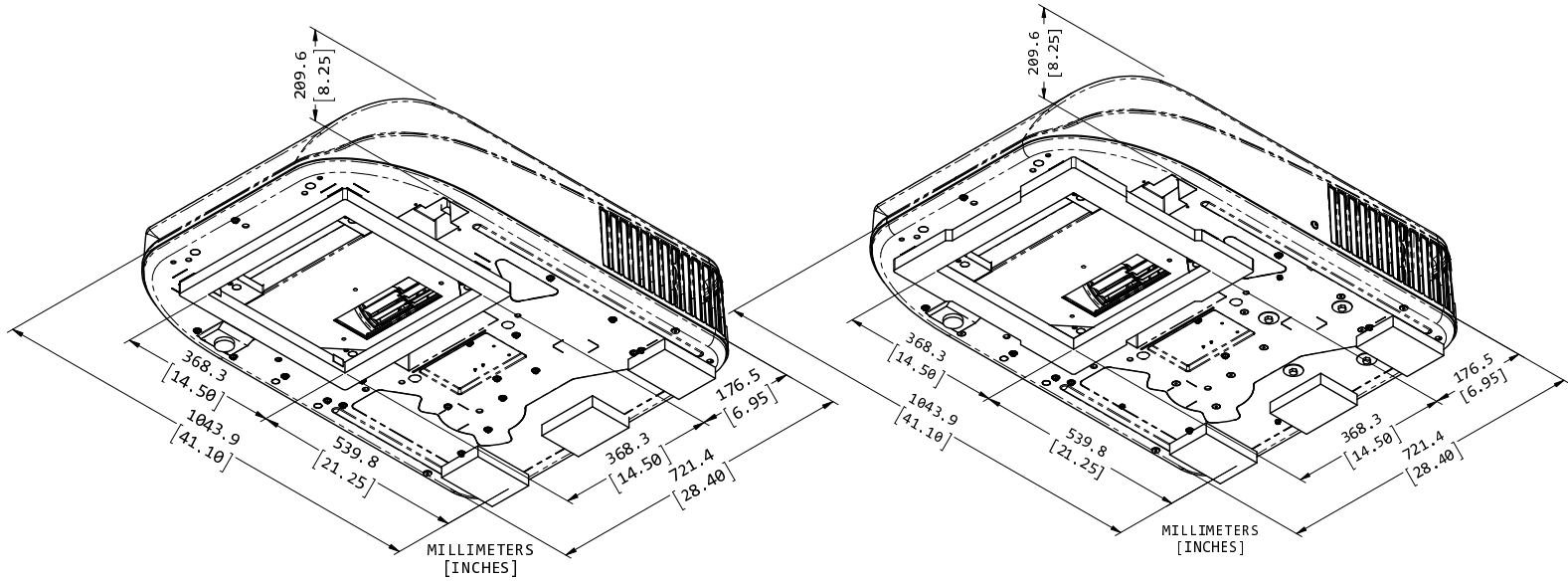
¹Rated Cooling Capacity of the Compressor

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 (38°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.

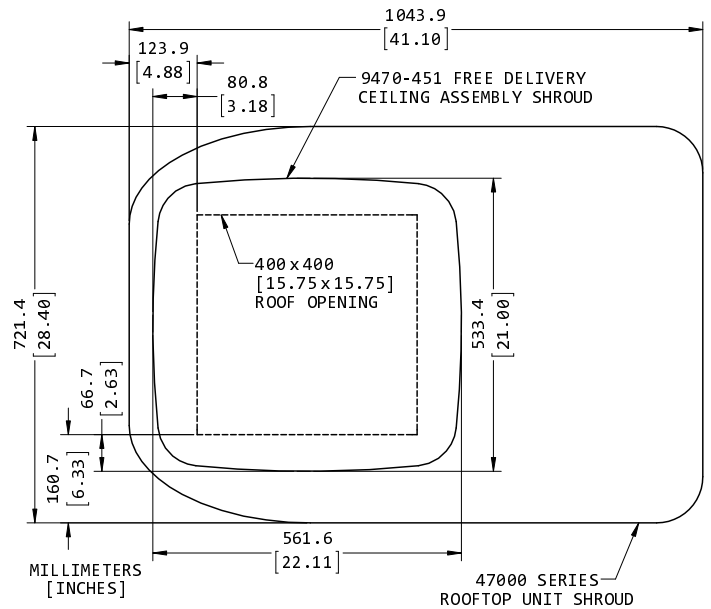
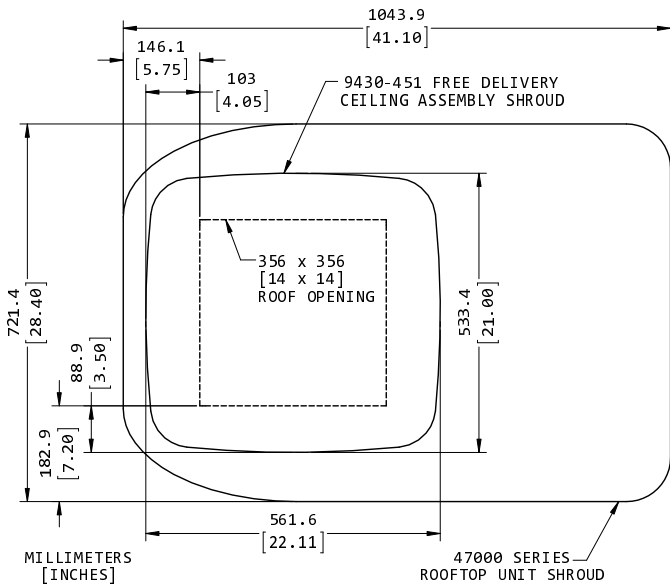
ROOF TOP UNIT DIMENSIONS



47153*79X5

47103*79X5 & 47103*79X7
16" Gasket version fits 14" or 16" openings.

CEILING SHROUD DIMENSIONS



CEILING SHROUD DIMENSIONS

DIMENSIONS (mm/inches)		
Exterior Shroud	Height	210/8.25
	Width	721/28.40
	Length	1,044/41.10
Interior Shroud	Depth	51/2.0
	Width	533/21.00
	Length	562/22.11

