



ArrayAir provides tight temperature and humidity control for a wide range of processes. This unit maintains exact humidity year-round which includes adding humidity during winter and reducing humidity during summer. Additionally, ArrayAir maintains stable temperature and cleanliness conditions.

Additionally, the ArrayAir system has been designed with a compact TE (thermoelectric) device for cooling. These units have the capability to humidify, dehumidify, heat, cool, and clean the air using a HEPA filter.

The distribution manifold OPTION is a custom-designed air distribution and air return system that extends inside the enclosure to ensure proper air conditioning of your process. Simple flexible duct hoses connect to the enclosure and re-circulate the air.

*The enclosure design can be customized to better fit the various needs of the individual project.

Features

- Adaptable up to 30 cubic foot enclosure
- Cools and heats 5°F below or above room temperature
- Controls temperature to $\pm 2^\circ\text{F}$
- Humidifies up to 80% RH
- Dehumidifies down to 10% RH below room RH
- Controls humidity to $\pm 5\%$ RH
- HEPA filtration; 99.99% efficient at 0.3 microns particle size
- Quiet operation
- Lightweight and portable
- Custom units available

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Air Innovations®

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	Micro II	Micro II+
Performance		
Relative Humidity (%)	Room RH to 80% ±5%	Setpoint: 50-80% RH ±5% RH
Temperature (°F)	N/A	Setpoint 10-27°C (50-80°F) ±1°C (2°F)
Cooling Capacity (Watts)	N/A	Thermal electric cooling 162 watts
Heating Capacity (Watts)	N/A	Resistive reheat element 300 watts, SSR, on/off PID control
Airflow (Cfm)	10-30	
Power (Volts/Phase/Hz)	120/1/60	
Circuit Size (Amps)	20	
Filtration	HEPA 99.99% efficient @ 0.3 microns	
Controls		
Type	ON/OFF	PID
Accuracy (+ or -)	±5% RH	±1°C; ±5% RH
Data Logging	N/A	RS 232/485 option
External Hookups		
Water Supply	1/4" City Water	
Water Drain	1/2" Drain	
Unit Dimensions		
762mm (30") Lx259mm (10.2") Dx406mm (16") H		