PRODUCT INFORMATION

E-Z AIRE™

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Super-High Efficiency Air-to-Air Energy Recovery Units

E-Z Aire™ is an economical packaged, make-up air unit with a high-efficiency heat exchanger that brings in fresh, outdoor air while exhausting a like amount of stale, polluted air. The air is exchanged while recovering significant heat energy from the exhaust air stream and transferring only the heat energy to the supply air, thus tempering the incoming air. The ten models illustrated enable you to provide coverage over a wide range of operating flows and efficiencies.

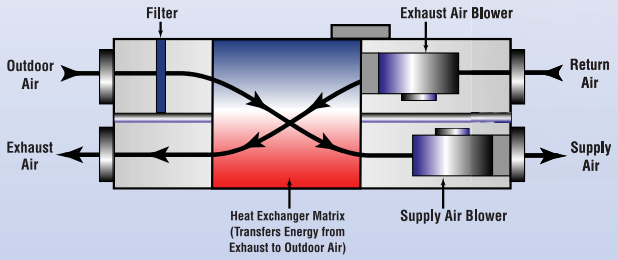
E-Z Aire™ is a unique and simple counterflow air-to-air plate type heat exchanger. Counterflow airstreams are brought into close proximity separated by one continuous, dimpled, and folded sheet of aluminum, which acts as a primary heat transfer surface. This heat transfer surface is configured to form a matrix with two completely separate and distinct air passages. The ends of the matrix are sealed for maximum separation of airstreams. The heat exchanger transfers the thermal energy from the exhaust airstream to the intake airstream thereby recovering a large portion of the energy that would normally be lost to the atmosphere through mechanical exhaust systems.

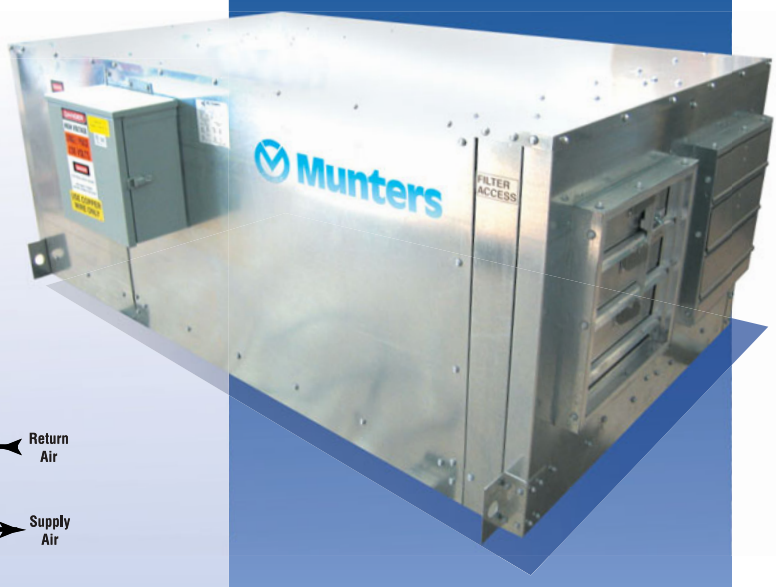
BENEFITS

- Saves up to 85% of the heat from exhaust airstream
- Removes pollutants before they accumulate
- Transfers heat energy in winter/cool energy in summer
- Low cost
- Capacities up to 4,400 CFM

Standard Features

- Units are available for either indoor or outdoor installation.
- All units are constructed of heavy gauge galvanized steel.
- High-efficiency motors ensure quiet, low-cost operation.
- Folded aluminum heat exchanger for maximum heat transfer and low maintenance.
- Units are available for either end or bottom supply and return.
- Integral defrost system includes thermostat which automatically shuts off supply air blower when defrost is necessary.
- Low voltage package reduces line voltage to 24 volts for controls.
- 208/230 volt, single phase 60 cycle operation standard, 115/1/60 available, excluding series 3000 and 4000.





Munters

MODEL	EZA-970	EZA-985	EZA-1570	EZA-1585	EZA-2270	EZA-2285	EZA-3070	EZA-3085	EZA-4070	EZA-4085
CFM LOW	700	615	1067	940	1565	1370	n/a	n/a	n/a	n/a
CFM MED	800	690	1330	1145	1955	1680	n/a	n/a	n/a	n/a
CFM HIGH	900	765	1500	1275	2200	1870	3100	2850	4000	4000
EFFECTIVENESS*	70%	85%	70%	85%	70%	85%	70%	85%	70%	85%
SHIPPING WEIGHT	390	510	500	700	605	800	1000	1300	1900	2200
DIMENSIONS	68 x 35 x 18	92 x 35 x 18	68 x 43 x 22	92 x 43 x 22	72 x 43 x 32	96 x 43 x 32	80 x 43 x 48	104 x 43 x 48	108 x 67 x 55	108 x 67 x 55

Airflow at 0 external static
* Effectiveness = Actual Heat Transfer/Maximum Possible Heat Transfer= QACT/QMAX

Delivered Air Temperature

The following examples give an idea of the temperature of air delivery by the E-Z Aire™ under a variety of operating conditions.

Example 1 — Summer Operation

The ABC Flower Shop has purchased an E-Z Aire™. They would like to know the delivery temperature of their unit. They are operating their unit during the summer months and require the following information: indoor temperature, outdoor temperature, and the relative humidity.

They have measured the following conditions:

Indoor Temperature: 70°F,
Outdoor Temperature: 85°F
Outdoor Relative Humidity: 60%

The following chart gives the delivered air temperature of the unit at four (4) different indoor air temperatures.

Delivered Air Temp	68	70	74	78
Indoor Air Temp	60	65	70	75

Example 2 — Winter Operation

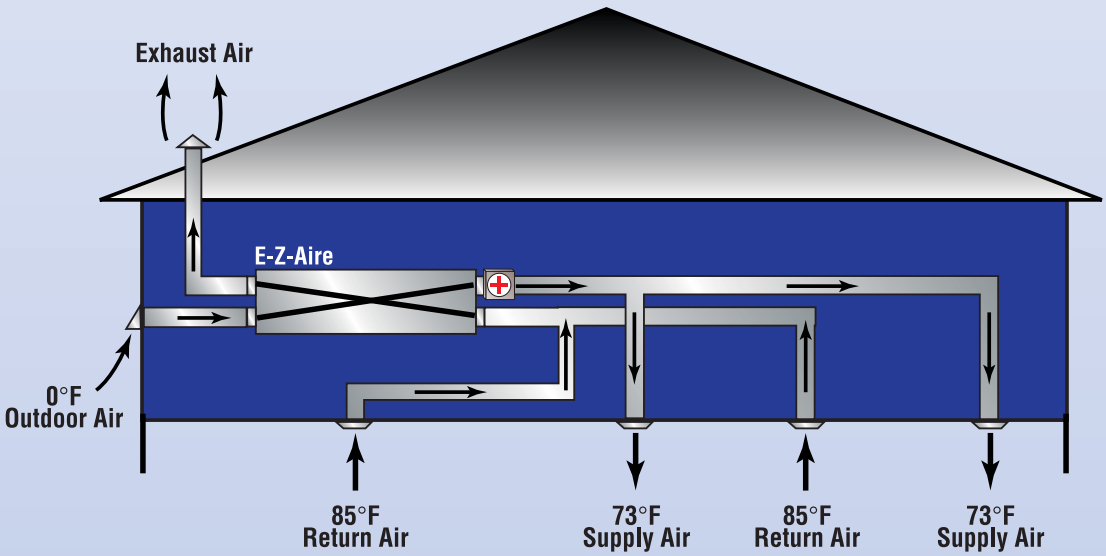
The XYZ Indoor Swimming Pool of Detroit, MI has just purchased the same unit and would also like to know the delivery temperature of the air supplied by the E-Z Aire™.

They measured the following conditions:

Indoor Temperature: 85°F (near ceiling)
Outdoor Temperature: 0°F
Indoor Relative Humidity: 40%

The following chart gives the delivered air temperature of the unit at six (6) different indoor air temperatures:

Delivered Air Temp	48	53	58	63	68	73
Indoor Air Temp	60	65	70	75	80	85



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