

RETHINK **ENERGY RECOVERY**



Munters



These utility rates may seem far-fetched, but they are here now in some parts of North America. Regardless of current energy prices in your locale, the equipment that you specify or install may soon operate with these, or higher energy costs. That's why it makes good sense to apply air-to-air energy recovery now. Air-to-air energy exchangers can recycle up to 85% of the energy from conditioned building exhaust, or high temperature exhaust from industrial processes. Applying air-to-air energy recovery can help you achieve a higher LEED® status, meet the requirements of ASHRAE 90.1, and save you big bucks now, and in the future. Energy recovery is particularly important when considering the following types of facilities:

- Educational
- Transportation
- Health Care
- Waste Water Treatment
- Indoor Pools
- Hotel and Motel
- Food Processing
- Restaurants
- Multistory Apartments and Condominiums
- Office Buildings
- Correctional Institutions
- Indoor Ice Skating
- Theaters
- Paint Booths
- Spray Dryers
- Baghouse Exhaust
- Oven/Dryer Exhaust
- Oxidizer/Incinerator Exhaust

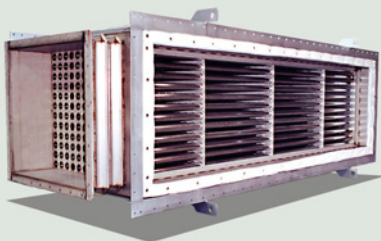


Stand-Alone Heat Exchangers

Munters manufactures eight distinctive types of air-to-air heat exchangers...two times more than any other company. They are:

- Z-DUCT™ Counterflow Plate
- Munters Heat Pipe
- Munters RT-3 and RS Rotary
- Z-DUCT™ SPL Total Enthalpy Plate
- Thermo-Z™ High-Temperature Welded Plate
- Thermo-T™ High-Temperature Welded Tube
- EPX Polymer Cross Flow Tubular
- Munters/Heatex® Cross-Flow Plate

Thermo-T™, all-welded alloy 316L stainless steel tubular heat exchanger designed to handle 10,000 SCFM of gas at a temperature of 1500°F.



Custom Engineered Packages

Listed below is a sampling of the many Custom Engineered Packages we have supplied over the past 30 years.

- 30,000 CFM, direct-fired gas heat, Z-DUCT™ plate heat exchangers for bus-garage ventilation.
- 6,000 CFM process air dried to -40°F dewpoint using a desiccant wheel regenerated with direct-fired gas.
- 20,000 CFM unit with indirect gas heat, integral DX cooling, and heat pipe heat exchangers to condition the air in an indoor swimming pool.
- (10) 25,000 CFM units with EPX polymer-tube indirect evaporative cooler and heat recovery heat exchangers for McCarran Airport in Las Vegas.



Standard Pre-designed Packages

Standard products are pre-engineered and can usually ship in four to eight weeks from release to manufacture. They include:

- Z-Duct™ plate heat exchanger
- MOACS line of premium products that offers six energy saving solutions for conditioning outdoor air.
- MZ and MZS commercial heat recovery units with optional heating and cooling coils.
- E-Z-Aire™ light commercial HRVs.
- CompleVent™ energy recovery ventilators with supplemental heating and cooling options. Available in six different configurations.

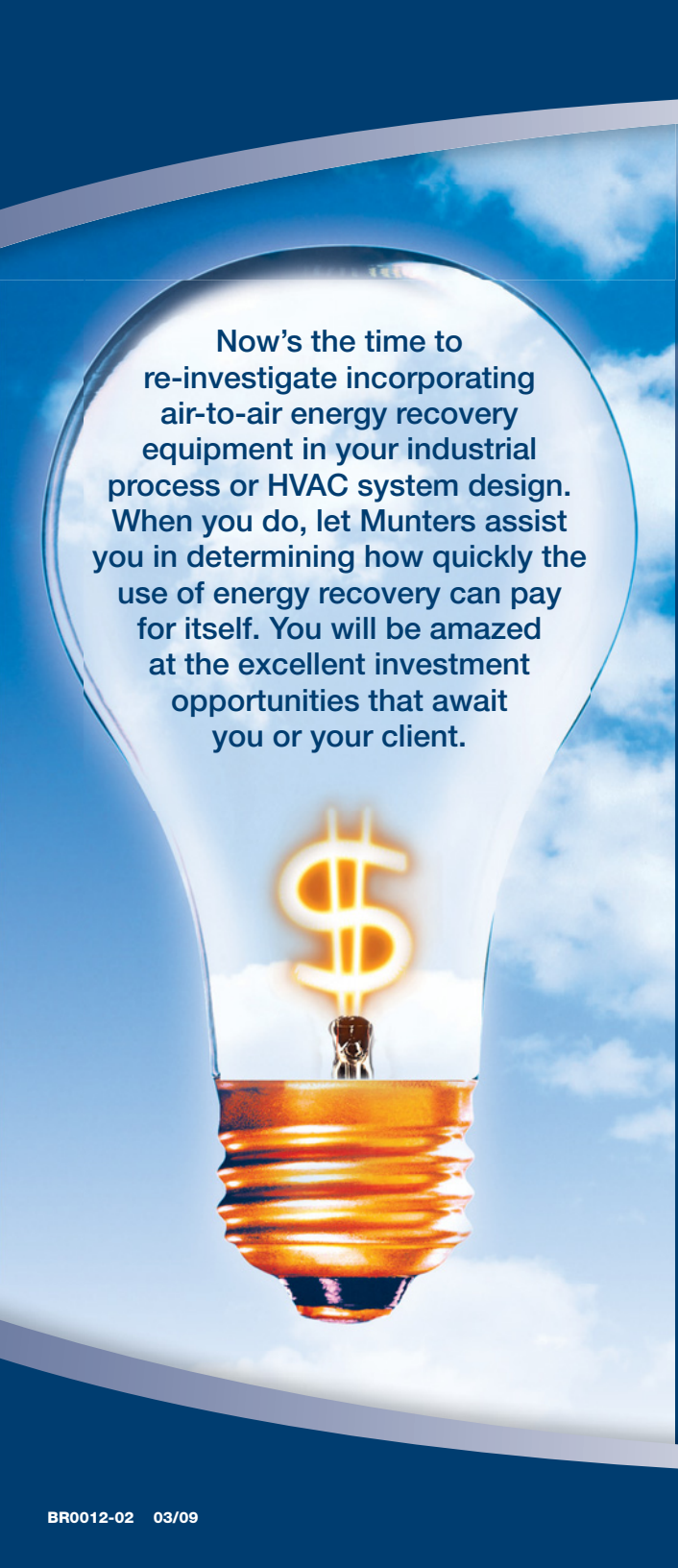
Shown is the CompleVent™ CBT. It features compactness, high efficiency, and versatility at a very reasonable price.



One of 52 custom units used for air conditioning a prison in Nevada. The design includes indirect-direct evaporative cooling for summer comfort and heat recovery supplemented with HW heat for winter heating.



Munters

A large, glowing lightbulb is the central focus of the image. Inside the bulb, a bright yellow dollar sign (\$) is visible, symbolizing a financial idea or investment. The lightbulb is set against a background of a blue sky with white clouds. The entire image is framed by a dark blue border at the top and bottom.

Now's the time to
re-investigate incorporating
air-to-air energy recovery
equipment in your industrial
process or HVAC system design.
When you do, let Munters assist
you in determining how quickly the
use of energy recovery can pay
for itself. You will be amazed
at the excellent investment
opportunities that await
you or your client.

In business for over 30 years

**Over 300,000 square feet
of manufacturing space**

**The recognized leader in energy
recovery, humidity control and
indirect evaporative cooling**

More than 100,000 units installed

ETL listed products

**All equipment is quality checked
and tested prior to shipment**

**Test facility on site built to
ASHRAE 84 Standard**



Munters

Munters Corporation

Tel: (800) 843-5360

E-mail: dhinfo@munters.com

www.munters.us