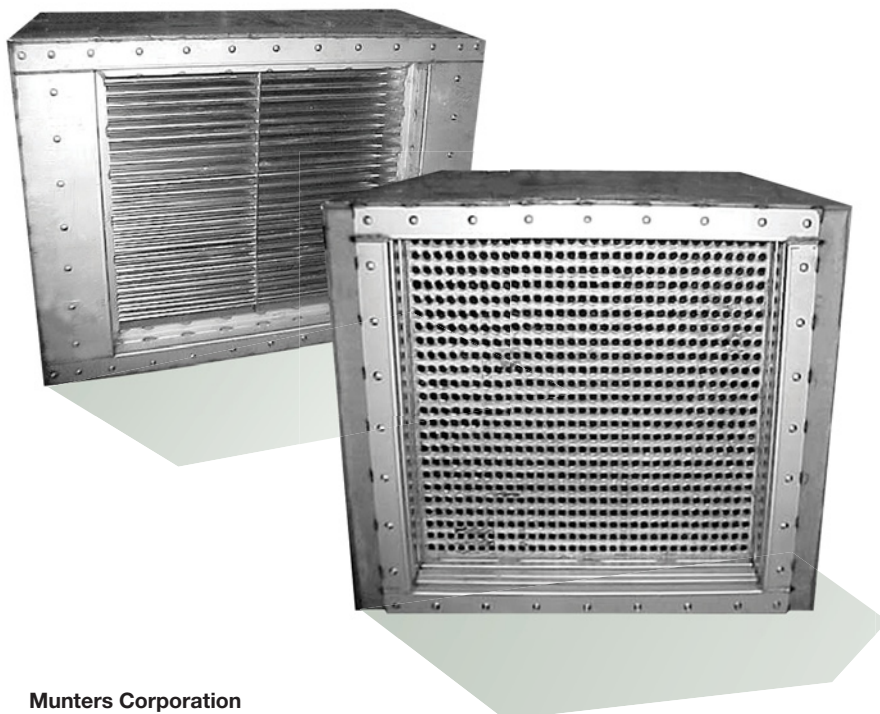


Thermo-T™ replaces failing plate exchanger in critical painting process

A Tennessee auto manufacturer was in need of a replacement air-to-air heat exchanger for its paint fume abatement system. The original exchanger was a non-welded plate design using compression seals. Corrosion and excessive high-temperatures were warping the plates, causing the heat exchanger to leak. Munters was called in to fabricate a state of the art replacement air to air heat exchange system.

Munters was challenged to design a replacement heat exchanger that would give the same form, fit and function as the existing unit, yet provide a significantly longer life. A Thermo-T™ tubular exchanger was selected over a plate design because of its ability to handle high thermal stresses. Inconel 600 tubes and tubesheets were used to counter the corrosion. The tube joints were both expanded and welded to give a permanent gastight seal. The unit was fully insulated and supplied with a thick carbon steel outer casing.

This industrial success story is one of many that features the innovative Thermo-T™ tubular exchanger. Munters flexibility with flow patterns, design, and construction are unmatched in the industry, giving Munters an unlimited ability to solve problems and meet customer's requirements.



Munters Corporation
Tel: (800) 843-5360
E-mail: dhinfo@munters.com
www.munters.us

CASE STUDY:

Tennessee Auto Manufacturer



BENEFITS

- Custom designed for exact dimensional duplicate for retrofit
- Rated for high temperatures and stresses
- Longer life construction

