

## **NON-CONDENSABLE GAS COOLER**

**MESAR/ENVIRONAIR'S NCG COOLER** is designed to remove water vapor coming from NCG sources like liquor tanks, brown stock washer vents, white water chests, ash mixing tanks, knotters and others. The cooler is of the shell and tube type, with NCG on the tube side, and water on the shell side. The cooler contains one pass on each side, and has a vertical arrangement in order to continuously remove foul condensate in the lower head and cool NCG prior to transportation to a control device.

**MAINTENANCE:** Periodic inspection and maintenance is easily accomplished by opening the channel plate. Minimum maintenance is required since the cooler does not have moving parts and is of rugged construction.

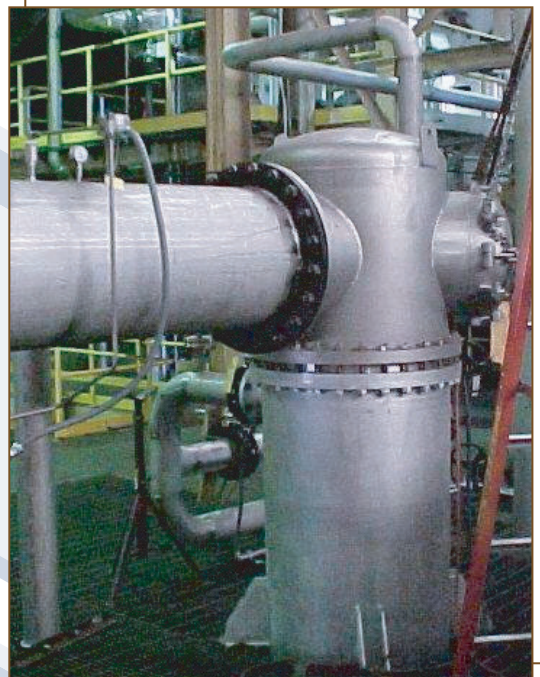
### **SPECIFICATION:**

Connections: inlet/outlet, 150 lb raised face slip-on flanges.

Vessel and tubes materials: Stainless Steel 304 or 316.

### **ORDERING INFORMATION:**

1. Heat load.
2. Maximum rate of vapor/NCG flow.
3. Maximum pressure rating.
4. Maximum allowable pressure drop.
5. Maximum cooling water available.
6. Maximum cooling water temperature.
7. Sight glass option.
8. Other options.



*Designed specifically for pulp and paper industries to comply  
with maximum achievable control technology - Mact*