



GENERAL INFORMATION

- >>> Concept aimed at using multiple catalytic heaters to raise and maintain the temperature of the process fluid to replace fire tubes for lower heating requirements
- >>> R&D tested using a 400 bbl tank and verified by Alberta Innovates Technology Futures (formerly A.R.C.)

FEATURES

- >>> Safe operations that meet regulations in hazardous areas (Class 1, Div 1)
- >>> Heat light oil applications where fire tubes are not allowed
- >>> Comparable overall efficiency to a 250,000 Btu/hr fire tube burner
- >>> Negligible NOx or CO
- >>> Safely and efficiently elevates tank fluid temperature
- >>> Based on EnviroVault® internal chamber concept
- >>> Heater size and quantity can vary based on application

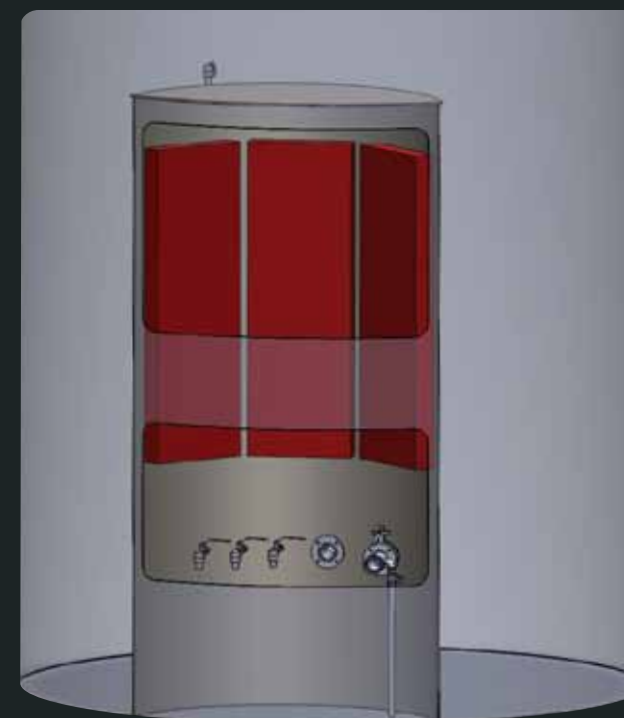
BENEFITS

- >>> Reduced accidents, injuries and operational costs by eliminating the possibility of fire tube failures
- >>> Enhanced environmental stewardship
- >>> Eliminates low frequency noise pollution when compared to fire tube burner
- >>> Reduced transportation costs over external solutions
- >>> Lasts the entire life of the tank



Standard ThermoVault®: 6' wide and 12' tall with three (3) 24"x72" catalytic heaters, 180,000 Btu/hr.
Displacement: 28.5 bbls. 7% of tank volume in 400 bbl tank.

*****Custom Designs and Sizes Available*****



****For illustration purposes only. Not to scale. Size, quantity and spacing of components will vary.****





THERMOVAULT
by **ENVIROVAULT**



CALGARY OFFICE

DENVER OFFICE

#105 - 7370 Sierra Morena Blvd SW
Calgary, Alberta T3H 4H9
Ph: 403.263.4433

#999 - 18th St., Suite 3000 Denver Place
Denver, Colorado 80202
Ph: 303.357.4822