MALONEY INDUSTRIES

Fired Heating Equipment

OIL, WATER AND GAS HEATING

Indirect Fired

Conventional indirect fired gycol/water bath heaters are designed to heat pressurized gas liquid streams in sizes ranging from 1,000,000 BTU/Hr. to over 12 mm BTU/Hr. Fluid stream pass through pipe coils immersed in the bath in the upper half of the horizontal vessel while a gas fired furnace heats the bath liquid in the lower section.

Pipe coils are custom designed according to the volume, heat transfer rate of the process fluid, pressure drop and working pressures up to 68,900 Kpa (10,000 psig).

Typical applications are at oil and gas wellsites for pre-heat prior to reducing pressure to pipeline pressures and as a re-heater for the heated pipeline systems.

Salt Bath

Indirect fired heaters using molten eutectic salt as a bath fluid are designed for systems where high temperatures are required. These units are horizontal saddle supported vessels with heavy dished ends and flanges to withstand thermal stresses and increase firetube life.

Typical applications include regen gas heating for mole sieve and silica gel applications.

Direct Fired

Maloney's direct fired horizontal bath type heaters are designed with gas fired furnaces using glycol/water or heat stable oil as heat transfer mediums on utility heating systems.

Sales Office
990, 630 - 6th Avenue SW • Calgary, Alberta, Canada •T2P 0S8
Tel: 403.266.4556 • Fax: 403.269.9445 • E-mail: sales@uic.ca
www.uic.ca