

Product Highlights

Wondering where to find products beneficial to your process? This department provides a number of new products each month and allows you to easily request more information. Simply call those companies in which you are interested, or visit those companies' web sites using the published web addresses.

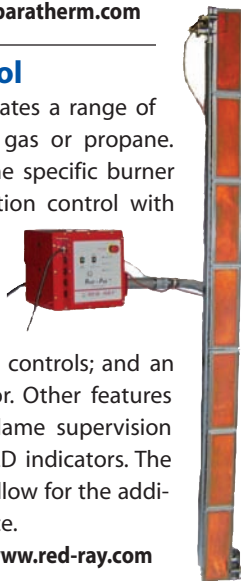
High Temperature Stability Leads to Long Fluid Life

An alkylated-aromatic-based heat transfer fluid is formulated for closed-loop liquid-phase heating to 650°F (343°C) in fired heaters and 675°F (357°C) in waste-heat recovery and full convection heaters. With proper maintenance such as an annual fluid analysis, the fluid has a lifespan of 5 to 8 years. Paratherm HR is intended for use in applications such as gas, plastic and chemical processing, waste-oil recovery and biodiesel production. According to results for the standard test method for thermal stability of organic heat transfer fluids (ASTM D6743), the fluid experiences half the amount of fluid degradation when maintained at 700°F (371°C).

Paratherm Corp. • (610) 941-4900 • www.paratherm.com

Plug-and-Play Burner Control

Ready to use, the 110 V Redi-Pak operates a range of infrared burners using either natural gas or propane. The power control is factory set for the specific burner model and size, and has full modulation control with quick response. Features of the compact, self-contained system includes premix blower-output pressures of 0.25 to 15" w.c.; air/gas-mixing; blocking valves; preprogrammed solid-state controls; and an internal air filter with easy-access door. Other features include electronic ignition, constant flame supervision and pressure-drop monitoring, with LED indicators. The remote start and modulation options allow for the addition of an automated controller interface.



Red-Ray Mfg. Co. Inc. • (908) 722-0040 • www.red-ray.com

Desuperheater

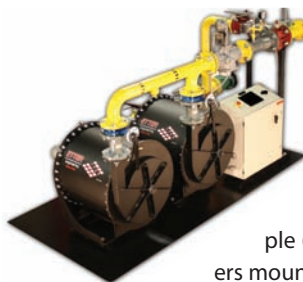
The water spray design of the Series DS offers a simple, cost-effective method of desuperheating steam. With the nozzle positioned at the center of the desuperheater, water is sprayed axially, in the direction of the steam flow. A conical insert with thermal sleeve increases velocity to promote rapid absorption of water while isolating the housing from thermal stress. The desuperheater is intended for use on applications having relatively stable steam demand, typically within a 2:1 or 3:1 turndown ratio. Features include ease of installation, low pressure drop, and no moving parts



Pick Heaters • (800) 233-9030 • www.pickheaters.com

Natural Gas Booster Packages

Utilizing the firm's ENGB line of UL-listed natural gas boosters, the gasPOD offers a "plug and play" solution for projects that require



a gas booster. The booster is supplied as a skid-mounted, prepiped, wired and tested unit, ready to be connect to the field power and gas lines. Several configurations are offered, including single and multiple (duplex, or greater if required) boosters mounted side-by-side or stacked vertically.

Performance ranges from 3.6 to 45" w.c.

Etter Engineering • (800) 444-1962 • www.etterengineering.com

Thermal Imaging System with Camera Link Interface

Maxline 2 system with camera link interface includes all of the hardware and cable assemblies required to operate the thermal imaging camera when interfaced with a camera link frame grabber. The kit provides power, serial communication, composite video and 14-bit digital video to and from the camera. The system's software has a built-in input/output relay and networking capabilities, enabling users to manage multiple processes and communicate with other systems, if needed, for greater interoperability and control.

Ircon • (831) 458-3998 • www.ircon.com

Sanitary RTD Sensors

Series PRS-3 includes standard- and heavy-duty probes. The heavy-duty sanitary RTD sensor utilizes a probe stem with a stepped design for additional strength. The standard-duty model has a 0.25" probe. Both types are offered in standard probe lengths of 3, 4, 5 and 6", and both styles have wetted surfaces that are 316L stainless steel.



Omega Engineering Inc. • (203) 359-1660 • www.omega.com

Free Literature



To request any of the free brochures, use the contact information in the literature item in which you are interested, or consult our ad index for the phone, fax, web and e-mail information.

Electric Heaters, Temperature Controls & Sensors

Tempco's 864 page 35th Anniversary catalog offers Electric Heaters, Temperature Sensors, Temperature Controls, Turnkey Process Heating Systems and related Accessory Items. New products include the PPR-1800 Video Graphic Data Recorders. Select from stock items or custom design and manufacture for your application. **Tempco Electric Heater Corp.** Ph: 800-323-6859. www.tempco.com

