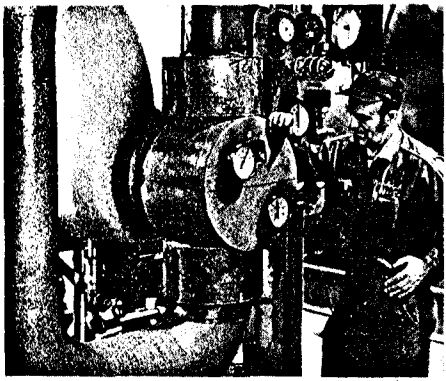
THERMINOL® DESIGN ACHIEVEMENT

Liquid heat transfer . . . for combined process/space heating

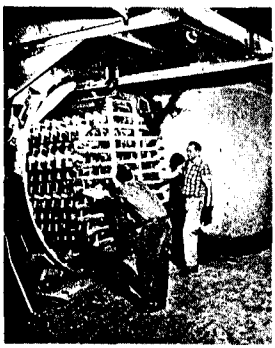
One Therminol liquid heat transfer system supplies process heat...and space heating, too!

Designed by American Hydrotherm Corp. for Randolph Manufacturing Co., this Therminol liquid heat transfer system operates at atmospheric pressure . . . produces heat for production equipment . . . and space heat for plant and office areas!

The Therminol system in Randolph's manufacturing complex at Randolph, Massachusetts, supplies precisely controlled heat (± 2°F.) that's *fire-safe* because Therminol will not support combustion.



One Therminol liquid heat transfer system, fired by one heater, supplies both process heat and space heat requirements for Randolph Manufacturing Co.





Safe, reliable operation up to 600°F. helps Randolph improve processing with faster, better cures at higher temperatures.

In any system applying process heat, Therminol FR liquid heat transfer offers these advantages:

Safety. Therminol fluids are fire-resistant and require *no system pressure.* They do not support combustion, even when exposed to direct flame. They are the only heat transfer fluids listed by Underwriters' Laboratories and recognized by the Factory Insurance Association.

Simplicity. No-pressure, liquid phase heat transfer eliminates the costly construction and the expensive monitoring and safety devices necessary for high pressure systems. The few simple controls necessary can even be monitored remotely with a teletype circuit feeding to a convenient location.

Efficiency. Therminol fluids present no scale or sludge problems. They are thermally stable, chemically inert, non-corrosive, and non-volatile. Properly maintained, Therminol systems require no make-up.



Space heat is a bonus off the same system that supplies process heat. No parallel system or additional personnel needed!

The safety, operating simplicity, and economy of Therminol FR indirect heating have been adapted wherever processing heat is applied—from food cooking and resin production, to petroleum refining and space heating.

Monsanto, Department IF 27
St. Louis, Mo. 63166

Monsanto®

Please send me a copy of your engineering booklet, Therminol Fluid Heating Systems

Name_____ Phone_____

Company_____

Address_____ 0269681

City/State/Zip Code_____

21404—54027 Chemical Engineering, May 24 & June 21; Chemical Processing, May & June, 1965.

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