



**FLUIDTHERM** is one of the most trusted names among Thermic Fluid Heaters. Having earned a formidable reputation for its quality, superior design & high manufacturing standards, Fluidtherm has become synonymous with high reliability, high efficiency, longer equipment and Thermic fluid life and lowest operational & maintenance costs.

### THE PRINCIPAL

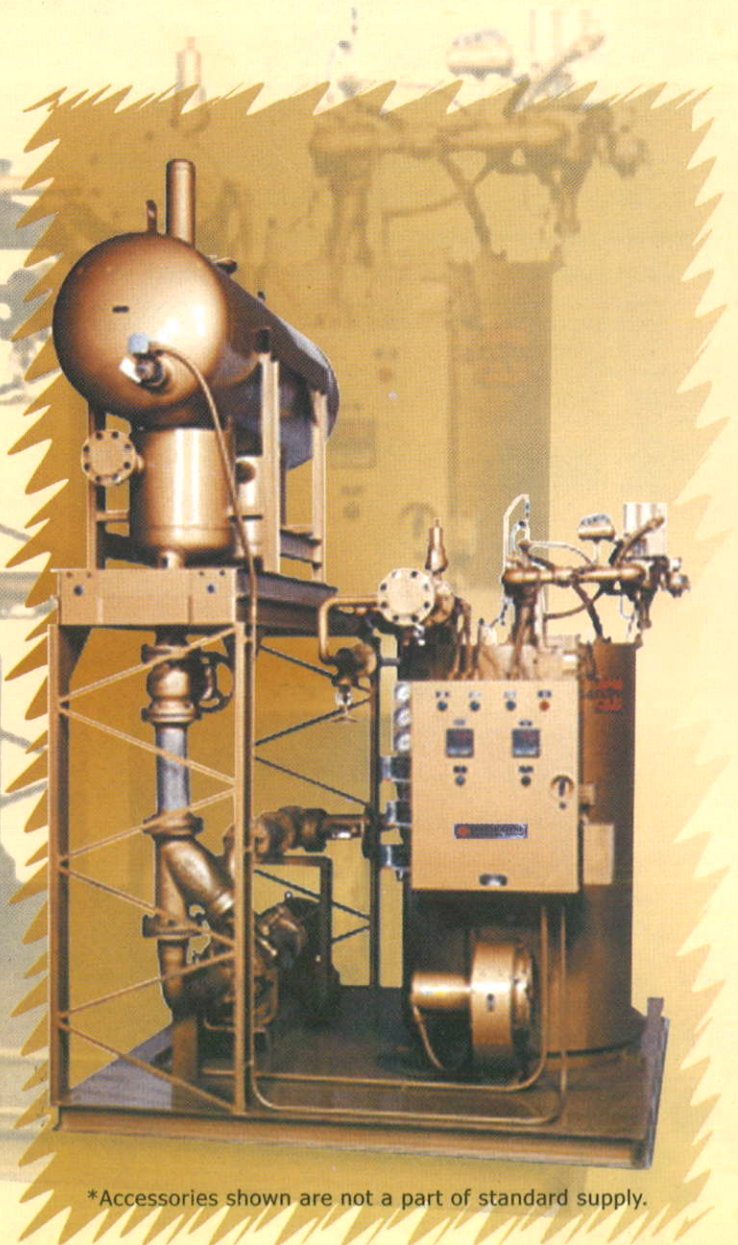
The hot Thermic Fluid is circulated in closed circuit by a high temperature circulating pump and the heat is transferred to the process through an appropriate heat exchanger at user's end. A combined de-aerator cum expansion tank which is a part of standard supply, eliminates any liberated gases and absorbs the thermic fluid expansion during heating process.

### SALIENT FEATURES

- Fully automatic unit maintains the desired temperature of thermic fluid .
- High system efficiency reduces operating costs.
- High flow rate ensures higher life of thermic fluid & heater coil .
- Minimum site work reduces installation cost.
- Allows high process temperatures at low operating pressure, which improves productivity.
- Rugged design & superior construction ensure smooth operation for many years.
- No water treatment required hence no cost on this account.
- Failsafe design and dependable safety instruments.
- Backed by prompt & efficient after sales service.

### APPLICATIONS

Chemicals, Textiles, Plastic & Rubber, Plywood & Laminates, Metal finishing, Food Industry, Packaging, Oils, Confectionery etc.



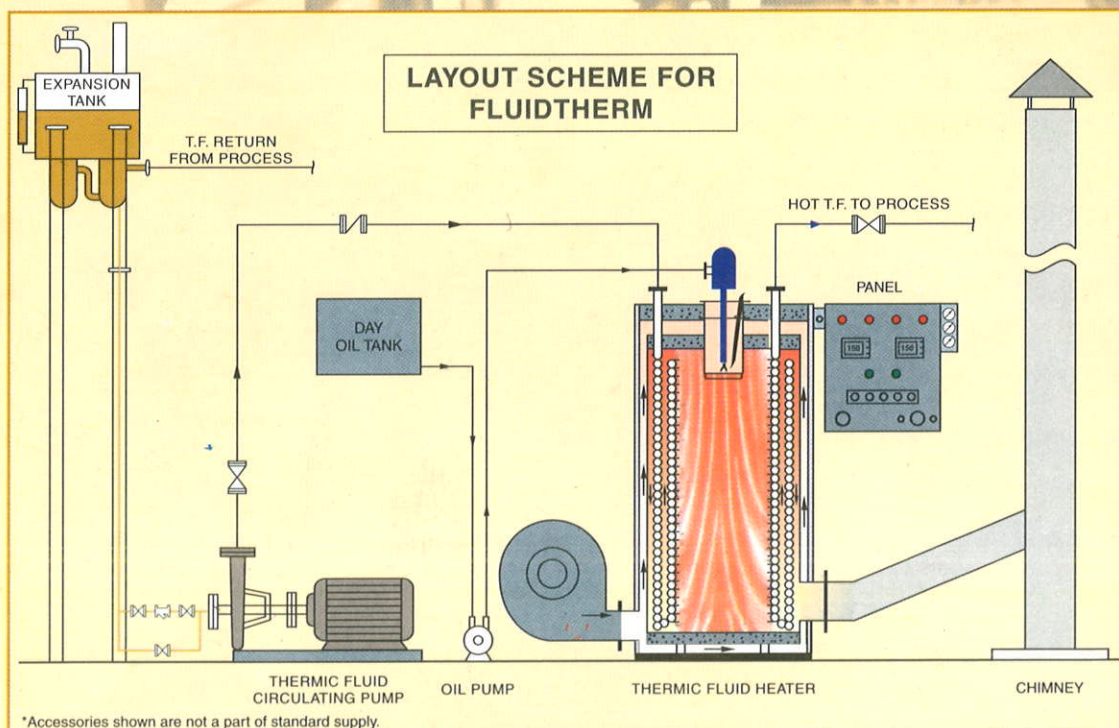
\*Accessories shown are not a part of standard supply.



## Technical Specifications :

PARAMETERS		UNITS	FT-10	FT-20	FT-40	FT-60	FT-100	FT-150
Heat output		Kcal/hr	1,00,000	2,00,000	4,00,000	6,00,000	10,00,000	15,00,000
Max Outlet Temp.		°C	280	280	280	280	280	280
Burner Control			← On-Off →			← Hi-Low →		
Efficiency (NCV)		%	88±2%	88±2%	88±2%	88±2%	88±2%	88±2%
Fuel Consumption	Oil	Kg/hr	11.2	22.4	44.8	67.2	112.0	168
	Gas		10.6	21.2	42.4	63.6	106	160
Overall Dimension								
Length		mm	1500	1600	1900	2100	2700	3200
Width		mm	1000	1000	1900	1900	4000	4000
Height		mm	2100	2200	2800	3300	4200	4800
Electric Supply				AC-3 Phase - 415 V., 50 Hz, 4 Wire				
Fuel Gas Outlet		(MM)	150	150	250	300	350	450
Total Conneted Load		KW	5.5	8	10.5	14	16.5	20.5

- ★ Fluidtherm Models for larger capacities and solid fuel options can also be offered on request.
- ★ Fuel consumption is based on net calorific value (NCV) of : 10,200 kcal/kg for diesel and 11,000 kcal/kg for LPG.
- ★ The efficiency is guaranteed on the test bay with commercially clean internal & external heat transfer surfaces.
- ★ In view of our constant efforts to improve the quality of our product, the above specifications may change without prior notice.



**Our Other Products**

- Water Treatment Plants
- Steam Boilers
- Hot Water Generators
- Steam/Water Piping
- FBC Retrofitting
- DG Waste Heat Recovery System
- Pollution Control equipments



## THERMODYNE ENGINEERING SYSTEMS

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