**FTO Model – FLUIDTERM – OIL FIRED**

**THERMIC FLUID HEATER** : 1 No.

Nest of closely wounded helical concentric coil, vertically arranged to give three passes of flue gases and fabricated out of high temperature resistance ERW tubes.

**EXPANSION CUM DEARATOR TANK** : 1 No.

De-aerator cum expansion tank complete with air vent, gauge glass & level switch etc.

**BURNER** : 1 No.

Fully automatic monobloc burner with sequence controller and flame sensor is provided to control the operation of the burner.

**FUEL PUMP** : 1 No.

Fuel Pump coupled with motor on a special frame.

**INSTRUMENTATION & CONTROLS**

The temperature indicator-cum-controller is interlocked with the combustion fans, which are switched off automatically when forward and return oil temperature exceeds the set limit. When   the   temperature comes down, the system automatically starts.

**THERMIC FLUID PUMP** :1 No.

The high temperature centrifugal pump circulates the hot Thermic fluid at the required capacity and head, the pump is provided with cooling jackets complete with Motor.

**CONTROL PANNEL** : 1 No.

Fully pre-wired control panel for automatic operation of the Thermic Fluid Heater

**INSTRUMENTS CONTROLS & SAFETIES ON THERMIC FLUID HEATER**

1. One set of low-level switch on expansion tank.
2. One Audio Visual Alarm for abnormal operation.
3. One set indicating bulb for abnormal working condition.
4. Pressure switch for incoming & outgoing pressure control.
5. One Temp. Indicator cum controller for return temperature.
6. Pressure indicator on thermic fluid outlet indicating pressure.
7. Pressure Indicator on thermic fluid line to measure pump discharge pressure.
8. One temperature indicator cum controller for thermic fluid outlet temperature.

#### EXCLUSIONS

* Thermal oil.
* All electrical cabling.
* Chimney & Flue gas Ducting.
* All civil works including foundations.
* All Thermic fluid pipelines and Valves.
* Piping from expansion tank to Thermic fluid pump.
* Any other equipment not specifically mentioned in our offer.