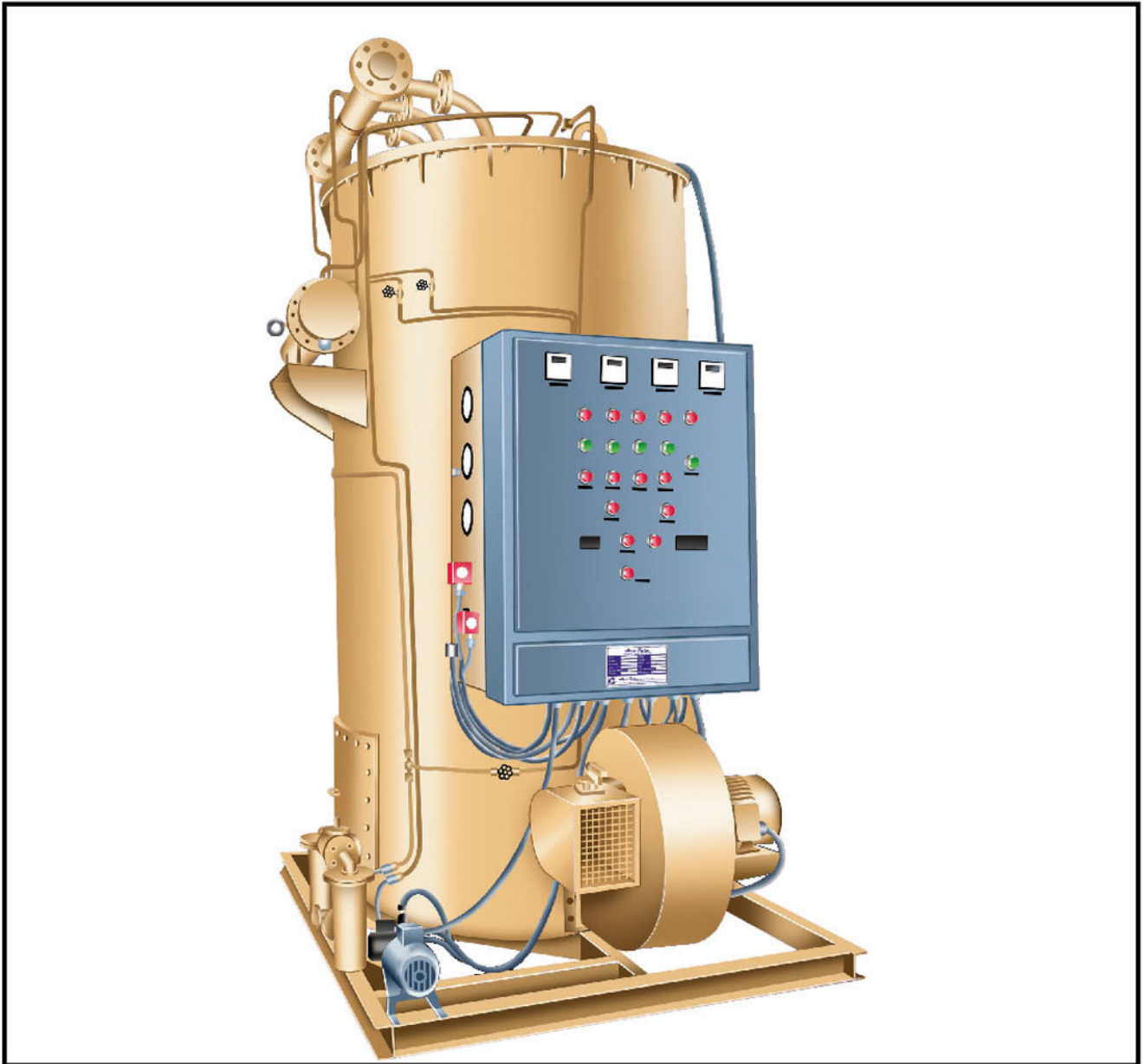


# THREE-PASS OIL/GAS FIRED THERMIC FLUID HEATERS



SAVE ENERGY  
SAVE MONEY



*Aero Therm*®

## THREE-PASS OIL/GAS FIRED THERMIC FLUID HEATERS


### SALIENT FEATURES :

- COIL FROM SEAMLESS ASTMA 106 GR-B PIPES
- INDEPENDENT DRIVE FOR FUEL PUMP 1440 RPM
- NO SCALE FORMATION
- EASY & ECONOMICAL OPERATION
- OUT SIDE PURVIEW OF I B R

### THERMIC FLUID HEATER BUILT WITH FOLLOWING SAFETIES :

- CIRCULATING PUMP MOTOR INTERLOCK
- LOW LEVEL IN EXPANSION TANK
- LOW FUEL OIL TEMPERATURE (F.O. FIRED ONLY)
- 2 NOS. OF PRESSURE SWITCH FOR NO FLOW/ LOW FLOW
- HIGH STACK TEMPERATURE
- HIGH THERMIC FLUID TEMPERATURE
- FLAME MONITOR BY PHOTOCCELL (LDR)

### TECHNICAL SPECIFICATIONS :

DETAILS		UNIT	ATH-01	ATH-02	ATH-03	ATH-04	ATH-06	ATH-10
Heat output		Kcal/hr	1,00,000	2,00,000	3,00,000	4,00,000	6,00,000	10,00,000
Outlet Temperature (Max)		°C	300	300	300	300	300	300
Fuel Consumption	L.D.O.	Kg/hr	11.4	22.8	33.8	45	67.6	113
	F.O.	Kg/hr	-	-	-	47.8	71.8	119.6
	Natural Gas	M <sup>3</sup> /hr	14	28	42	56	84	140
Thermal Efficiency		%	87	87	87	87	87	87
Thermic Fluid Pump Motor		H.P.	5.0	7.5	10.0	10.0	15.0	25.0
Blower Motor		H.P.	1.0	2.0	3.0	3.0	5.0	10.0
Fuel pump Motor		H.P.	0.5	0.5	0.5	0.5	0.5	0.5
Fuel Oil Pre-Heater		KW.	-	-	-	3	6	9
Burner control			ON-OFF	ON-OFF	ON-OFF	ON-OFF	ON-OFF	LOW- HIGH
Total Connected	L.D.O.	H.P.	7.5	10	14	14	21	36
Electrical Load	F.O.	H.P.	-	-	-	18	29	48
Electric Supply		AC, 3 Phase, 415 Volt, 50Hz, 4-Wire+ 						
Dimensions (L x W x H) Approx.		Meters	1.5x 1.1x 2.2	1.6x 1.2x 2.5	2.3x 1.8x 2.8	2.3x 1.8x 2.8	2.5x 1.9x 3.3	2.5x 2.2x 3.8

**Aero Therm** also provides custom built units for higher temperature and heat output ratings fitted with Fully Automatic OIL/GAS Burners.

Fuel consumption based on NCV of

- (A) 10,200 Kcal per kg, for L.D.O.  
 (B) 9,650 Kcal per kg, for F.O.  
 (C) 8,400 Kcal per m<sup>3</sup> for Natural Gas.



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