



Performance Heating, LLC - Data Sheet

OMP Series

Thermal Fluid Heater (Multi-Tubular Type)

Heater Features		1500	2000	2500	3000	4000	5000	6000	8000	10000	12500	15000
Thermal Capacity	BTU/hr	6,000,000	8,000,000	10,000,000	12,000,000	16,000,000	20,000,000	24,000,000	32,000,000	40,000,000	50,000,000	60,000,000
Efficiency (100%Load)	%	91	91	91	91	91	91	91	91	91	91	91
Temp. Differential	Δ°F	49	63	50	60	72	67	72	72	81	90	90
Pressure Drop	psi	23.2	23.2	16.0	16.0	21.8	18.9	27.6	34.8	39.2	46.4	49.3
Flow Rate	gpm	484	484	792	792	880	1188	1320	1760	1980	2200	2640
L Length	in	211	211	242	242	267	291	291	317	341	381	398
W Width	in	94	94	98	98	98	122	122	126	142	146	154
H Height	in	106	106	118	118	118	150	150	157	163	163	173
Weight (Empty)	lb	24200	24200	28600	28600	30800	48400	48400	59400	70400	79200	99000

Design Notes:

- (A) All flange connections are ANSI 300#
- (B) Standard design pressure is 145 psi
- (C) A standard burner has been used for dimensioning purposes
- (D) Multiple burner fuel options are available only on standard OMP model
- (E) Higher efficiency options are available (Model OMP-PA)

Cannon
BONO ENERGIA

Additional Options:

- (A) Circulation pumps for thermal fluid heater
- (B) Motor control panel(s) for circulation pump and burner
- (C) Expansion tank(s) with or without tank tower
- (D) Inert gas blankets for the expansion tank
- (E) Drain tank(s) for above ground installation
- (F) Gear pump for system filling or draining
- (G) Skid assembly of heater and/or ancillary components
- (H) Complete packaged systems are available for easy installation
- (I) Containerized equipment is available
- (J) PLC for enhanced DCS communication

