

# TH-750 Steam Fired Water Heater "Standard Features" with Option Metal Jacket

316LStainless Steel ASME Code Stamped Shell and fitting

Accepts Up to 150 psig Steam Eliminating Costly PRV Stations

 Complete Package Construction for Simple Pipe and Operate Installation, Fully Programmed & Set-up

100:1 Industrial Control Valve Flow Turndown and Dead Tight Shutoff with "Soft Seat Unique Design Controls Pressure and Temperature"

Touch Screen, Modbus, Ethernet
 Controls and Outputs Available

Fully Insulated Shell and Removable Vinyl Jacket Optional Metal Jacket shown

Electronic RTD Sensor

ASME Pressure and —— Temperature Relief Valve

High Temp Dump Solenoid Valve

UL Listed Complete Control System with Digital PID Controls, Featuring "True Tune" automatic self tuning controller, Safety Alarms & Shutdown, Single Point 110 Volt Power Connection — Stainless Steel Feed Forward Intratank Circulation Loop

Available with EC1000 BacNet Touchscreen UL Control Panel

Simple Water
Connection Hookups

——— Available in Single or Double Wall Removable U Tube Bundles in Copper, Cupro Nickel or Stainless Steel Construction

**USA Made Pipe Fittings** 

——— Continuous
Discharge Subcooling
Float and
Thermostatic Steam
Trap Assemblies

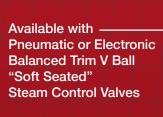
Closed Loop Pump-Trap Systems Available for Lifting Condensate

Complete Package Steam Tested Prior to Shipment

Predrilled Floor Mounting Holes

**Electronic Version Shown** 

THERMAFLO



Horizontal Models and

Water to Water Units Available

Powder Coated Base Support Stands

Materials of Construction - Single Wall		Optional
Shell	316 Stainless Steel	NA
Tubes	20 BWG Cooper	18 BWG Cooper
		18 BWG 90/10 Cu/Ni
		18 BWG 304 SS
		18 BWG 316 SS
Tubesheet	304 Stainless Steel	Brass / 316 SS
Baffles	Stainless Steel	Brass
Head	Cast Iron or Steel	Fab. Steel

Materials of Construction - Double Wall		Optional
Shell	316 Stainless Steel	NA
Tubes	20 BWG C∞per	18 BWG Cooper
		18 BWG 90/10 Cu/Ni
Tubesheet	304 Stainless Steel	Brass / 316 SS
Baffles	Stainless Steel	Brass
Head	Cast Iron or Steel	Fab. Steel

#### **Quick Selection Table - Single Wall**

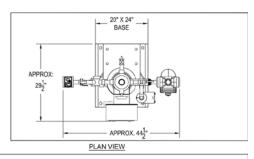
## 40°F to 140°F / 100 deg rise with 15 PSIG Steam to Control Valve

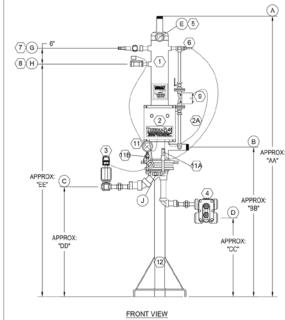
Model #	LB/Hr of Steam	Maximum Capacity in GPM
TH750V-624	575	11
TH750V-636	1099	21
TH750V-648	1674	32
TH750V-836	2249	43
TH750V-848	3505	67
TH750V-1036	3924	75
TH750V-1048	5650	108
TH750V-1236	5650	108
TH750V-1248	8110	155

#### Quick Selection Table - Double Wall

## 40°F to 140°F / 100 deg rise with 15 PSIG Steam to Control Valve

Model#	LB/Hr of Steam	Maximum Capacity in GPM
TH750V-624	521	10
TH750V-636	1046	20
TH750V-648	1621	31
TH750V-836	2197	42
TH750V-848	3400	65
TH750V-1036	3767	72
TH750V-1048	5493	105
TH750V-1236	5650	105
TH750V-1248	7848	150





Dimensions Steam / Water								
Model #	"AA"	"BB"	"CC"	"DD"	"EE"	"FF"	"GG"	Wt. Dry
TH750V-624; 636; 836	95"	44"	20″	26"	24"	53"	16"	600 lbs
TH750V-648; 848	107"	59"	20″	39"	24"	56"	28"	645 lbs
TH750V-1036; 1236	96"	46"	20″	27"	24"	56"	20"	850 lbs
TH750V-1048; 1248	107"	59"	20″	36″	24"	58"	30″	1050 lbs

H750	Model	Desig	nation

V	V = Vertical
	H = Horizontal
8	Shell Diameter
36	Tube Bundle Length
SW	SW = Single Wall
	DW = Double Wall
EN	EN = Electronic Control Valve
	PN = Pneumatic Control Valve
	SA = Self Acting COntrol Valve
Example =	= TH750V-836-SWEN





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