

# DTH Electric Boilers

240 VAC & 600 VAC, Ranging from 42 kW to 144 kW

The DTH 240 Vac and 600 Vac electric boiler series produce all the energy required for hydronic systems in commercial, institutional and industrial applications.

They represent a standard of reliability and performance. They are available in models ranging from 42 kW to 144 kW.

To achieve maximal energy exchange, an injection system propels liquid around the electrical elements in the boiler.

Each heating element in the boiler is controlled by an independent aquastat. These aquastats can be set to different temperatures, which insure continuous heating and avoid the need for costly sequential circuit boards.

Select the required set point temperature by using the aquastat dial. When the boiler liquid temperature falls, the electric heating elements are activated at the chosen temperature.

The DTH electric boilers series can be connected in a Dual-Energy installation, which allows you to benefit from advantageous energy rates.



*Innovator in optimal heat exchange*

1-888-854-1111  
www.thermo2000.com

## Electric boilers

### 240 VAC / 60 Hz / 1 phase

Model	Power kWh	BTU	Charge Amps	Electric elements (240 V)	Stage	Aquastat	Pilot Light	Contactors	Sequencers
DTH 42	42	143 346	175 A	7 X 6 kW	7	7	7	2	1
DTH 48	48	163 776	200 A	8 X 6 kW	8	8	8	2	1
DTH 54	54	184 248	225 A	9 X 6 kW	9	9	9	3	2
DTH 60	60	204 720	250 A	10 X 6 kW	10	10	10	3	2
DTH 66	66	225 192	275 A	11 X 6 kW	11	11	11	3	2
DTH 72	72	245 664	300 A	12 X 6 kW	12	12	12	3	2
DTH 78	78	266 136	325 A	13 X 6 kW	13	13	13	4	3
DTH 84	84	286 608	350 A	14 X 6 kW	14	14	14	4	3
DTH 90	90	307 080	375 A	15 X 6 kW	15	15	15	4	3
DTH 96	96	327 552	400 A	16 X 6 kW	16	16	16	4	3

### 600 VAC / 60 Hz / 3 phases

Model	Power kWh	BTU	Charge Amps	Electric elements (240 V)	Stage	Aquastat	Pilot Light	Contactors	Sequencers
DTH 45	45	153 540	43 A	9 X 5 kW	3	3	3	2	1
DTH 60	60	204 720	58 A	12 X 5 kW	4	4	4	2	1
DTH 78	78	266 136	75 A	12 X 5 kW, 3 X 6 kW	5	5	5	3	2
DTH 99	99	337 788	95 A	9 X 5 kW, 9 X 6 kW	6	6	6	3	2
DTH 120	120	409 440	115 A	24 X 5 kW	8	8	8	4	3
DTH 132	132	450 516	127 A	12 X 5 kW, 12 X 6 kW	8	8	8	4	3
DTH 144	144	491 328	139 A	24 X 6 kW	8	8	8	4	3

**Standard equipment:** High carbon steel boiler, patented injectors, R12 insulation, steel cabinet protected by baked epoxy paint, high limit controls (2), low water level control (600V), pressure relief valve 30 psi, drain valve, pilot lights, manometer/thermometer, standing on 4 support legs.

### Connections

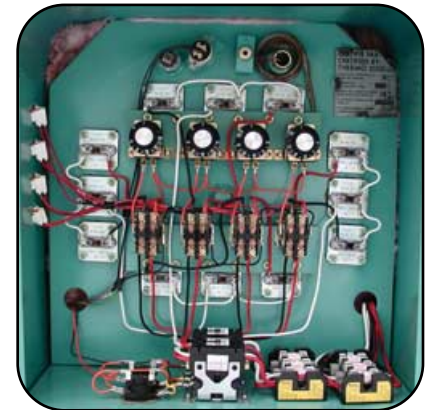
Boiler supply	2" NPTM
Boiler return	2" NPTM
Waterworks	3/4" NPTF
Safety relief valve	3/4" NPTF
Drain valve	3/4" NPTF

### Dimensions

Height	33"
Width	46"
Depth	22"
Tank capacity	26.5 Gal./ 122 Litres
Weight	395 lbs

Operating temperature: 50 °F à 190 °F.  
Maximum working pressure: 30 psi.

### Electric compartment view.



10-year warranty\* on the reservoir and 1-year on all electrical and mechanical components.  
\*Please consult the terms of the warranty.



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