

# DTH *Electric Boilers*

From 45 to 144 KW, 480 VAC



OUR  
PRODUCT  
ARE CERTIFIED



- DTH meets the requirement of ASME Boiler and Pressure Vessel Code
- 100% efficiency
- Multi-stages modulation
- Patented technology for better heat transfer
- Optional Dual-energy control
- Easy access for installation and maintenance
- Compact, clean and quiet
- 10 year warranty on the reservoir
- Low water cut off from 120KW to 144KW

**A quality product  
for energy savings**



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

## Electric boilers

The DTH 480V electric boiler serie produces all the energy required for hydronic systems in commercial, institutional applications.

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

Each heating element in the boiler is controlled by an independent aquastat. These aquastats can be set to different temperatures, that would gives the multi-stages modulation and insures continuous heating.

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### 480 VAC / 60 Hz / 3 phases

Modèle	Puissance kWh	Power BTUH	Charge AMPS	Electric elements (277 V)	Stages	Aquastats	Pilots lights	Contactors	Sequencers
DTH 45	45	153 540	54	9 X 5KW	3	3	3	2	1
DTH 54	54	184 248	65	9 X 6KW	3	3	3	2	1
DTH 60	60	204 720	72	12 X 5KW	4	4	4	2	1
DTH 72	72	245 664	87	12 X 6KW	4	4	4	2	1
DTH 78	78	266 136	94	12 X 5KW 3 X 6KW	5	5	5	3	2
DTH 90	90	307 080	108	15 X 6KW	5	5	5	3	2
DTH 99	99	337 788	119	9 X 5KW 9 X 6KW	6	6	6	3	2
DTH 102	102	348 024	123	12 X 6KW 6 X 5KW	6	6	6	3	2
DTH 108	108	368 496	130	18 X 6KW	6	6	6	3	2
DTH 120	120	409 440	144	24 X 5KW	8	8	8	4	3
DTH 132	132	450 384	159	12 X 5KW 12 X 6KW	8	8	8	4	3
DTH 144	144	491 328	173	24 X 6KW	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 on models 120, 132 and 144kw (480V), pressure relief valve 30 psi, drain valve, pilot lights, manometer/thermometer, standing on 4 support legs.

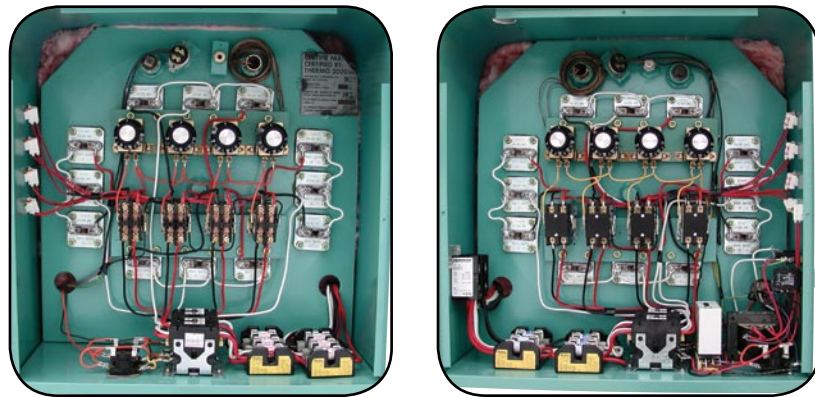
Connections	
Boiler supply	2" NPTM
Boiler return	2" NPTM
Waterworks	3/4" NPTF
Safety relief valve	3/4" NPTF
Drain valve	3/4" NPTF

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

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

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

### Electric compartment view.



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