

BTH Electric Boilers

From 6 kW to 36 kW, 208/240/600 VAC



- 100% Efficiency
- Multi-stages modulation
- No electronic circuit board
- Patented technology for faster and better heating
- Optional dual-energy control
- Easy access for installation and maintenance
- New reversible wall support system
- Compact clean and quiet
- 15 year warranty on the reservoir
- Reliable and safe

A quality product
for energy savings



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



Electric Boilers

240 VAC / 60 Hz / 1 phase (3 wires / cu)

Model *	Power kW	Power BTUH	Charge Amps	Electric Elements	Suggested Breaker (A)	Suggested copper wire
BTH 8 **	8	27 296	33.3 A	1 x 3 kW, 1 x 5 kW	45	8
BTH 10 **	10	34 120	41.6 A	2 x 5 kW	60	6
BTH 12 **	12	40 944	50.0 A	4 x 3 kW	70	6
BTH 15	15	51 180	62.5 A	2 x 3 kW, 2 x 4.5 kW	80	6
BTH 18--	18	61 416	75.0 A	4 x 4.5 kW	100	4
BTH 20	20	68 240	83.4 A	4 x 5 kW	110	3
BTH 24	24	81 888	100.0 A	4 x 6 kW	125	3
BTH 27	27	92 124	112.5 A	6 x 4.5 kW	150	2
BTH 30	30	102 360	125.0 A	6 x 5 kW	175	1
BTH 33	33	112 596	138.0 A	3x 6 kW, 3 x 5 kW	175	1/0

Circuit breakers are standard on 30KW (102 380 BTUH) and 33KW (112 596 BTUH).
This boiler is designed to be maintained hot and the pump relay is not included

* Models from 6 to 25KW at 208V/1PH are also available.
** Also see our MINI boiler series

600 VAC / 60 Hz / 3 phases (3 wires / cu)

Model	Power kW	Power BTUH	Amps	Electric Elements	Suggested Breaker (A)	Suggested Copper wire
BTH 9	9	30 708	8.7 A	3 x 3 kW	15	14
BTH 13	13.5	46 062	13.1 A	3 x 4.5 kW	20	12
BTH 18	18	61 416	17.5 A	6 x 3 kW	30	10
BTH 22	22.5	76 770	22.0 A	3 x 3 kW, 3 x 4.5 kW	30	10
BTH 27	27	92 124	26.0 A	6 x 4.5 kW	40	8
BTH 30	30	102 360	29.1 A	6 x 5 kW	40	8
BTH 36	36	122 832	35.0 A	6 x 6 kW	50	8

Connection

Boiler supply	1 in. NPT
Boiler return	1 in. NPT
Water works	1/2 in. NPT
Safety relief valve	3/4 in. NPT
Drain valve	1/2 in. NPT

Operating temperature: 50°F to 190°F.
Maximum operating pressure: 30 psi.

Dimensions

Height	12 in
Width	12 in
Depth	30 in
Weight	99 lbs

15 year warranty on the reservoir and
2 years on all electrical and mechanical
components. Please consult the terms
of the warranty.



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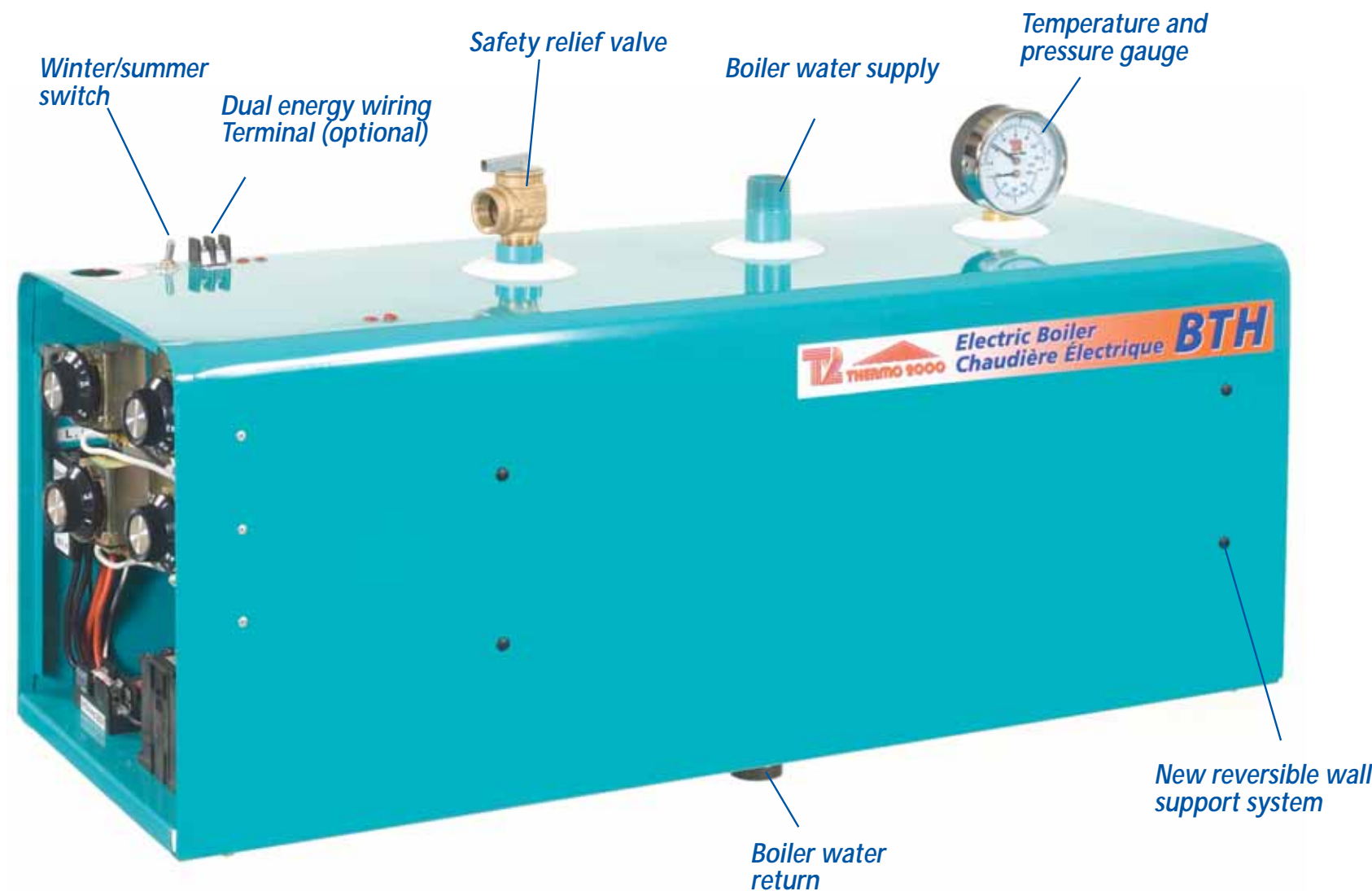
BTH Electric Boilers



The BTH electric boiler serie produces all the energy required for hydronic systems in residential, commercial and institutional applications.

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

With its reversible wall support system, the BTH electric boiler may be installed where space is limited and all electric components are accessible by the same door for easy installation and maintenance.



Aquastats control each electric element

High voltage terminal block



Dual-Energy controller
(Ordered as an option)

- CBE-EM:
Electric / Oil
- CTA-BE:
Electric / wood

