

DTH Electric Boilers

From 42kW to 144kW, 240Vac/1ph, 480Vac/3ph or 600Vac/3ph



- 100% Efficiency
- Multi-stage modulation
- No electronic board
- Can be installed with CBE-EM dual-energy controller
- Easy access to electrical components



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480VAC



240 & 600VAC

- Compact, clean and quiet
- Standard low water cut-off on 120kW, 132kW and 144kW models
- 15-year warranty on the reservoir and 2 years on electrical components

A quality product
for energy savings



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

Electric Boilers

240 VAC / 60 Hz / 1 phase (2 Wires)

Models	Max. Pressure psi (kPa)	Power kW	BTUH	Load (A)	Electric Elements (240 V)	Stages	Aquastats	Pilot Lights	Contactors	Sequencers
DTH 42	30 (207)*	42	143 346	175 A	7 X 6 kW	7	7	7	2	1
DTH 48	30 (207)*	48	163 776	200 A	8 X 6 kW	8	8	8	2	1
DTH 54	60 (414)	54	184 248	225 A	9 X 6 kW	9	9	9	3	2
DTH 60	60 (414)	60	204 720	250 A	10 X 6 kW	10	10	10	3	2
DTH 66	60 (414)	66	225 192	275 A	11 X 6 kW	11	11	11	3	2
DTH 72	60 (414)	72	245 664	300 A	12 X 6 kW	12	12	12	3	2
DTH 78	60 (414)	78	266 136	325 A	13 X 6 kW	13	13	13	4	3
DTH 84	60 (414)	84	286 608	350 A	14 X 6 kW	14	14	14	4	3
DTH 90	60 (414)	90	307 080	375 A	15 X 6 kW	15	15	15	4	3
DTH 96	60 (414)	96	327 552	400 A	16 X 6 kW	16	16	16	4	3

480 or 600 VAC / 60 Hz / 3 phases (3 Wires)

Models	Max. Pressure psi (kPa)	Power kW	BTUH	Load (A) 480V	Load (A) 600V	Electric Elements	Stages	Aquastats	Pilot Lights	Contactors	Sequencers
DTH 45	30 (207)*	45	153 540	54	43	9 X 5 kW	3	3	3	2	1
DTH 54	30 (207)*	54	184 248	65	52	9 x 6 kW	3	3	3	2	1
DTH 60	30 (207)*	60	204 720	72	58	12 X 5 kW	4	4	4	2	1
DTH 72	30 (207)*	72	245 664	87	69	12 x 6 kW	4	4	4	2	1
DTH 78	60 (414)	78	266 136	94	75	12 X 5 kW, 3 X 6 kW	5	5	5	3	2
DTH 90	60 (414)	90	307 080	108	87	15 x 6 kW	5	5	5	3	2
DTH 99	60 (414)	99	337 788	119	95	9 X 5 kW, 9 X 6 kW	6	6	6	3	2
DTH 102	60 (414)	102	348 024	123	98	6 x 5 kW, 12 x 6 kW	6	6	6	3	2
DTH 108	60 (414)	108	368 496	130	104	18 x 6 kW	6	6	6	3	2
DTH 120	60 (414)	120	409 440	144	115	24 X 5 kW	8	8	8	4	3
DTH 132	60 (414)	132	450 516	159	127	12 X 5 kW, 12 X 6 kW	8	8	8	4	3
DTH 144	60 (414)	144	491 328	173	139	24 X 6 kW	8	8	8	4	3

Standard equipment High carbon steel boiler, patented injectors which increase heat transfer, R12 insulation, steel cabinet protected by epoxy paint, high limit controls (2), low water cut-off on models 120, 132, and 144kW, pressure relief valve, drain valve, pilot lights, manometer/thermometer, 4 support legs

***Also available in option at 60psi (414kPa) working pressure**

Piping Connections

Boiler supply	2" NPT	Male
Boiler return	2" NPT	Male
Water Supply	3/4" NPT	Female
Safety relief valve	3/4" NPT	Female
Drain valve	3/4" NPT	Female

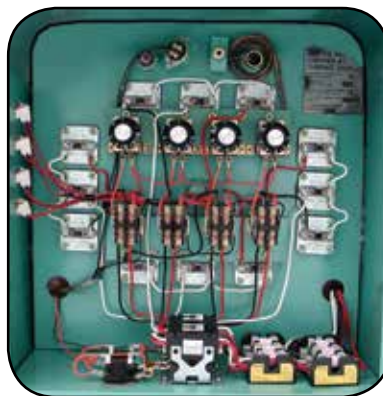
Operating temperature: 50F to 190F (10°C to 88°C)
Maximum working pressure: 30 psi or 60 psi (207 or 414kPa)

Dimensions

Height (support legs included)	33"
Width	46"
Depth	22"
Tank capacity	36gal. / 136 litres
Weight	395 lbs

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

Electric components view



Right hand side



Left hand side

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