



# The Latest In Technology for Hydronic Heating



*feel the comfort*

Electric Boilers

Cozy comfort and improved efficiency while saving you money. Feel the comfort of hot water heating controlled by advanced electronics. Standard models now include great features like a modulating electronic controller with outdoor sensor as well as integrated load management control. Modulating control with solid state relays adjusts the heat output by *silently* pulsing part of the boiler to keep the temperature *stable*. On warmer days the outdoor sensor will limit the water temperature based on the outside temperature so that your home isn't wasting energy. The load management control works with dual energy systems where the electric utility company will control whether you heat with electricity or an alternate source such as oil or gas and offer a reduced rate as a result.

Thermolec's electric boilers are built to last with durable, corrosion resistant stainless steel heat generator vessels. How durable? We *guarantee* the tank and elements for a period of *10 years*. The aluminum outer shell and stainless steel tank combination makes this unit ultra-resistant to corrosion and reduces the weight for easy installation.



it's viable for you to....

reduce your carbon footprint and  
lower your use of fossil fuels...

Thermolec can help...

With greener ways of generating electricity, heating your home can have less of an impact on the planet and save money on your heating bill as well. No matter whether you want to install a new system or have an existing hot water installation, there's an option for you.

For maximum flexibility our electric boilers are equipped with dual-energy electronic controls. This gives you the option to manually switch between electric, fossil fuel or leave it on automatic to benefit from the preferred electric rates offered by your utility company. Saving money and saving the planet, it's a win-win opportunity.

Take a small step to a better future by talking to your local contractor, utility company or visiting [www.thermolec.com](http://www.thermolec.com) to see what options are available to you.

# Standard no longer means basic with Thermolec boilers



For total flexibility, one model can be used for either Electric only or as part of a Dual Energy system.

- 1 Electronic Controller**  
Allows full modulation to maximize heating efficiency and provide precise control of water temperature. Built-in Aquastat is fully adjustable up to 190°F (88°C). S-15 sensor varies water temperature based on outdoor temperature.
- 2 Load Management Control**  
Automatically controls boiler based on signal from utility company.
- 3 Insulated Stainless Steel Tank**  
Corrosion-resistant for long life.
- 4 Solid State Control Relay(s)**  
Silent, long lasting control of element switching.
- 5 High-Limit Protection**  
Built-in manual reset for safety
- 6 Circuit Breakers** available as an option.

## Standard model Specifications @ 240V / 1 ph (Canada)

Dual-Energy Models	B-5	B-6	B-8	B-9	B-10	B-12	B-15
KW	5	6	8	9	10	12	15
BTU/H	17,060	20,472	27,296	30,708	34,120	39,238	51,180
Total Amps	20.83	25	33.33	37.5	41.67	47.92	62.5
No. of Power Supplies (Amps Per Breaker)	1 X 30A	1 X 30A	1 X 50A	1 X 50A	1 X 60A	1 X 60A	1 X 80A

  

Dual-Energy Models	B-18	B-20	B-23	B-27	B-30	B-35	B-40
KW	18	20	23	27	30	35	40
BTU/H	61,416	68,240	78,476	92,124	102,360	119,420	136,480
Total Amps	75	83.37	95.83	112.5	125	145.83	166.67
No. of Power Supplies (Amps Per Breaker)	1 X 100A	1 X 125A	1 X 125A	2 X 80A	2 X 80A	2 X 100A	2 X 125A

## Standard model Specifications @ 3 ph (Canada)

Dual-Energy Models	B-18	B-24	B-30	B-35	B-36	B-42
KW	18	24	30	35	36	42
BTU/H	61,416	81,888	102,360	119,420	122,832	143,304
Amps @ 208V / 3 ph	48	66.69	83.37	96	N/A	
Disconnect Switch	60A	100A	100A	100A	N/A	
Amps @ 600V / 3 ph	17.34	23.12	28.9	N/A	34.68	40.46
Disconnect Switch	30A	30A	30A	N/A	60A	60A



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