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## Rheem® Boiler Feature Comparison Chart FT™ Series vs. ThermaForce®



| FEATURE   | RHEEM FT™ SERIES BOILER  | RHEEM THERMAFORCE® BOILER   |
|---|--|---|
| <b>Models</b>   | RHBH-FT110, RHBH-FT150, RHBH-FT199   | RHBH-L99i, RHBH-L120i   |
| <b>Type</b>   | Space Heating Boiler   | Space Heating Boiler  |
| <b>AFUE Efficiency</b>                                      | 95%  | L99i: 96%<br>L120i: 95%   |
| <b>ENERGY STAR® Certified</b>                               | Yes  | Yes   |
| <b>Heat Exchanger</b>                                       | ASME 439 stainless steel fire tube   | Patented (labyrinth) aluminum block with copper waterways                 |
| <b>Turndown Ratio</b>                                       | 6.5:1  | L99i 6.4:1<br>L120i 8.8:1   |
| <b>Domestic Hot Water (DHW) Output</b>                      | No, but is compatible with Rheem indirect tanks to get DHW                       | No, but is compatible with Rheem indirect tanks to get DHW                |
| <b>Boiler Input Range (Heating Mode) BTU/h Min. - Max.</b>  | FT110: 16,900 - 110,000<br>FT150: 23,000 - 150,000<br>FT199: 30,600 - 199,000    | L99i: 15,500 - 99,000<br>L120i: 13,650 - 120,000                          |
| <b>Boiler Output Range (Heating Mode) BTU/h Min. - Max.</b> | FT110: 16,200 - 101,500<br>FT150: 22,000 - 138,500<br>FT199: 29,200 - 183,700    | L99i: 14,800 - 89,000<br>L120i: 13,000 - 108,000                          |
| <b>Built-in Pump</b>  | No – Sold separately   | Yes – ECM variable speed pump   |
| <b>Zone Control</b>   | Yes – 4 Zones  | No  |
| <b>Cascade Capability</b>                                   | Yes – up to 4 units  | Yes – Wireless cascading (no Wi-Fi required); up to 8 units               |
| <b>Control Interface</b>                                    | Full color LCD touchscreen display for easy setup and maintenance                | Illuminated touchscreen with diagnostics                                  |
| <b>Parts Simplicity</b>                                     | 2 Universal Shared Platform Parts: Fan, Gas Valve                                | 4 Universal Shared Platform Parts: Fan, Boiler Pump, Gas Valve and Damper |
| <b>Reverse Flow Detection</b>                               | Yes  | No  |
| <b>Outdoor Reset Sensor</b>                                 | Yes  | Yes   |
| <b>CSA/UL Approved Low Water Cut-Off</b>                    | Yes  | No  |
| <b>Moisture Free Zone (MFZ) Technology</b>                  | Yes  | No – Not required with damper   |
| <b>Venting Options</b>                                      | PVC/CPVC/PPs approved; up to 240 ft (3")   | PVC/CPVC/PPs approved; up to 120 ft (3")                                  |
| <b>Ultra Low NOx</b>  | Yes  | Yes   |
| <b>Size (L x W x H inches)</b>                              | FT110 17.8 x 16.9 x 28.1<br>FT150 18.8 x 18.6 x 28.2<br>FT199 20.4 x 19.6 x 28.2 | 17.7 x 10.9 x 32.5  |
| <b>Weight (lbs)</b>   | FT110: 67 lbs, FT150: 78 lbs, FT199: 88 lbs                                      | L99i: 84 lbs, L120i: 85 lbs   |
| <b>Warranty</b>   | 15-year heat exchanger, 5-year parts, 1 year labor                               | 10-year heat exchanger, 5-year parts, 1 year labor                        |