



## Ruud® Combi Boiler Feature Comparison Chart FT™ Series vs. Ruud L-Series



FEATURE	RUUD FT™ SERIES COMBI BOILER	RUUD L-SERIES COMBI BOILER
<b>Models</b>	RUCBH-FT150, RUCBH-FT199	RUCBH-L125i, RUCBH-L160i, RUCBH-L199i
<b>Type</b>	Combi Boiler (Space & DHW)	Combi Boiler (Space & DHW)
<b>AFUE Efficiency</b>	95%	L160i 94%, L125i 95%, L199i 95%
<b>ENERGY STAR® Certified</b>	Yes	Yes
<b>Heat Exchanger</b>	ASME 439 stainless steel fire tube and combi block	Patented (labyrinth) aluminum block with copper waterways
<b>Turndown Ratio</b>	10:1	L125i: 6:1, L160i: 7:1, L199i: 7:1
<b>Domestic Hot Water (DHW) Output</b>	Yes	Yes
<b>Boiler Input Range (Heating Mode) BTU/h Min. - Max.</b>	FT150: 15,000 - 150,000 FT199: 20,000 - 199,000	L125i: 16,500 - 99,000 L160i: 23,000 - 125,000 L199i: 28,500 - 125,000
<b>Boiler Output Range (Heating Mode) BTU/h Min. - Max.</b>	FT150: 14,300 - 138,500 FT199: 19,100 - 183,700	L125i: 15,800 - 89,000 L160i: 22,000 - 111,000 L199i: 27,100 - 111,000
<b>Input Range DHW BTU/h Min. - Max.</b>	FT150: 15,000 - 150,000 FT199: 20,000 - 199,000	L125i: 16,500 - 125,000 L160i: 23,000 - 160,000 L199i: 28,500 - 199,000
<b>Built-in Pump</b>	Yes – Pre-installed and factory-wired	Yes – ECM variable speed pump
<b>Zone Control</b>	Yes – 4 Zones	No
<b>Cascade Capability</b>	Yes – up to 4 units (space heating only)	Yes – Wireless cascading (no Wi-Fi required); up to 8 units (for both space heating and DHW)
<b>Control Interface</b>	Full color LCD touchscreen display for easy setup and maintenance	Illuminated touchscreen with diagnostics
<b>Parts Simplicity</b>	4 Universal Shared Platform Parts: Fan, Gas Valve, Boiler Pump, Diverting Valve	5 Universal Shared Platform Parts: Fan, Bypass Valve, 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 170 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>	FT150: 18.6 x 17.1 x 34.8 FT199: 20 x 17.1 x 34.8	17.7 x 10.9 x 32.5
<b>Weight (lbs)</b>	FT150: 100 lbs, FT199: 113 lbs	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