RELY ON
RUUD™

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

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