



Lochinvar has a long history of innovation, and is proud to hold the patents listed below. The listing below is provided to serve as notice of patent coverage under the virtual patent marking provisions of 35 U.S.C. § 287(a). The patents in the following list may cover one or more of the products indicated. This list might not be all-inclusive, and other products not listed here may be covered by one or more patents. Additional patent applications may be pending, and additional patents may have issued, in the United States or elsewhere, that cover one or more of the products listed.

Product Type	Model	Patents
Air Source Heat Pump Water Heaters	Veritus®	Patent(s) Pending
Atmospheric Commercial Boiler	Copper-fin®	US7506617; US8186312; US8186313; US9097431; US10247446; US10876741; US10955169
Atmospheric Gas Water Heater	Copper-fin®	US7506617; US8186312; US8186313; US9097431; US10247446; US10876741; US10955169
Commercial Boiler	Knight® XL	US7506617; US8186312; US8186313; US9097431; US10247446; US10876741; US10955169
Commercial Gas Boiler	Copper-fin®	US7506617; US8186312; US8186313; US9097431; US10247446; US10876741; US10955169
Commercial Gas Boiler	Copper-fin® II	US7506617; US8186312; US8186313; US9097431; US10247446; US10876741; US10955169
Commercial Pool Heater	Copper-fin® 2	US7506617; US8186312;

		US8186313; US9097431; US10247446; US10955169
Commercial Ultra-Low Nox	Charger	US8375897
Copper-Tube Vertical Boiler	Power-fin®	US7506617; US8186312; US8186313; US9097431; US10247446; US10458677; US10767900; US10876741; US10955169
Decarbonization Heat Pump	Heat Pump	US8245669; US9267209; US10544944; US11009260; US11300325; US12007147; USD1093558; US12553643; USD1116032; US12663182
Fire Tube Boiler	Crest with Hellcat™	US7506617; US8186312; US8186313; US8844472; US9097431; US10161627; US10247446; US11885531; US12680727
Fire Tube Boiler	Crest®	US7506617; US8186312; US8186313; US8844472; US9097431; US10161627; US10247446; US10876741; US10955169
Fire Tube Boiler	FTXL®	US7506617; US8186312; US8186313; USD715905;

		USD715906; US9097431; US10247446; US10876741; US10955169
Fire Tube Combi Boiler VC Heat Exchanger	EPIC®; Noble®	US7506617; US8186312; US8186313; US9097431; US10247446; US10480826; US10612795; US10876741; US10914475; US10955169; US11221150; US11603996; US11828474
Fire Tube Combi Boiler VC Heat Exchanger Floor Mount	EPIC®; Noble®	US7506617; US8186312; US8186313; US9097431; US10247446; US10480826; US10612795; US10876741; US10914475; US10955169; US11221150; US11603996; US11828474
Fire Tube Wall Mount Boiler PG Heat Exchanger	Knight®	US7506617; US8186312; US8186313; US9097431; US10247446; US10876741; US10955169
Fire Tube Wall Mount Boiler VC Heat Exchanger	EPIC®; Noble®	US7506617; US8186312; US8186313; US9097431; US10247446; US10480826; US10612795; US10876741; US10914475;

		US10955169; US11221150; US11603996; US11828474
Grid-Capable	Grid-Capable	US8245669; US10544944
Heat Pump	Heat Pump	US8245669; US10544944
Heat Pump Storage Tank	Thermal-Stor®; Outdoor Thermal-Stor®	US12467658; Patent(s) Pending
Immersion Thermostat	Standard Hi-Power®	US9435565; US10544962
Lowboy Top-Connect	Energy Saver	US8245669; US8887671
Outdoor Condensing Boiler	Crest®	US7506617; US8186312; US8186313; US8844472; US9097431; US10161627; US10247446; US10876741; US10955169
Outdoor Condensing Gas Boiler	Knight® XL	US7506617; US8186312; US8186313; US9097431; US10247446; US10876741; US10955169
Power Direct Vent Ultra-Low Nox	Ultra-Low NOx Power Direct Vent	US8881688; US11543153
Power Vent Ultra-Low Nox	Ultra-Low NOx	US8881688; US11543153
Premium Smart Valve Heat Pump	Heat Pump	US8245669; US9267209; US10544944; US11009260; US11300325; US12007147; USD1093558; US12553643; USD1116032; US12663182
Smart Hybrid Electric Heat Pump with Anti-Leak Technology	Heat Pump	US8245669; US9267209;

		US10544944; US11009260; US11300325; US12007147; USD1093558; US12553643; USD1116032; US12663182
Standard Electric	Energy Saver	US8245669; US8887671
Surface Thermostat	Standard Hi-Power®	US9435565; US10544962
Tankless Premium Condensing	XCalibur®	US11624512; US11808453; US11867428
Tankless Condensing	Regent™	US11885531; Patent(s) Pending
Tankless Condensing High Efficiency Commercial	Tankless High Efficiency Condensing	US11808453
Tankless Condensing X3	X3	US11624512; Patent(s) Pending
Tankless Mid Efficiency Condensing	XCalibur™	US11624512; US12398923; Patent(s) Pending
Tankless Non-Condensing X3	X3	US11624512; Patent(s) Pending