




Product Comparison

Water-to-water Units



Water-to-water units are perfect for domestic hot water, radiant floor applications, pool/spa heating, fan coils, ice melt, and more. WaterFurnace offers four different water-to-water units for versatility in any application so homeowners can enjoy the comfort and efficiency of hydronic heating.



Model	5 Series 500W11 Single Hydronic	5 Series 500W11 Dual Hydronic	5 Series 504W11
Applications	Perfect for 100% domestic hot water or radiant in-floor heating.	Perfect for high volume hot water typically found in large and luxury homes.	Uses OptiHeat vapor injection technology to reach higher temperature output than other water-to-water systems.
Sizes	2, 4, 5 ton single capacity (3 sizes)	10 and 15 ton dual compressors (2 sizes)	4 and 5.5 ton (2 sizes)
Efficiency AHRI 13256-1 (GLHP) Closed loop	3.1 COP 16.1 EER	3.2 - 3.3 COP 16.0 - 18.1 EER (partial load)	2.7 - 2.9 COP 14.2 - 15.4 EER (full load)
Refrigerant	R-454B	R-454B	R-410A
Compressor	Scroll	Scroll	Vapor Injection Scroll
Cabinet Configurations	Compact unit Front or rear plumbing connections Controls have a factory installed option for front or back	Compact unit Top & Back mounted water connections Controls have a factory installed option for front or back	Compact unit Front or rear plumbing connections Controls are field convertible from front to back
Stages	1 Heat, 1 Cool	2 Heat, 2 Cool	1 Heat, 1 Cool
Controls	Aurora Advanced Controller with energy monitoring Optional Premium Controls with performance and refrigeration monitoring Onboard diagnostics Symphony compatible	Aurora Advanced Controller with energy and refrigeration monitoring Onboard diagnostics Symphony compatible	Aurora Advanced Controller with energy performance and refrigeration monitoring Aurora Interface Diagnostic (AID) Tool Onboard diagnostics
Hot Water Generator	Optional externally mounted pump Not available on 2 ton	Not Applicable	Not Applicable
Warranty	10 year parts, 5 year labor allowance on internal parts 5 year parts, 5 year labor allowance on accessories 10 year parts, 10 year labor allowance on internal parts available for buy-up	10 year parts, 5 year labor allowance on internal parts 5 year parts, 5 year labor allowance on accessories 10 year parts, 10 year labor allowance on internal parts available for buy-up	10 year parts, 5 year labor allowance on internal parts 5 year parts, 5 year labor allowance on accessories 10 year parts, 10 year labor allowance on internal parts available for buy-up
ENERGY STAR Rated Closed earth loop rating points	 Yes All sizes except the 075	 Yes 10 and 12 ton models	 Yes All sizes

1. Secondary heat exchanger is needed for domestic hot water and pool/spa heating.