

# 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	5 Series 504W11	Envision NDW
<b>Applications</b>	Perfect for 100% domestic hot water or radiant in-floor heating.	Uses OptiHeat vapor injection technology to reach higher temperature output than other water-to-water systems.	Perfect for high volume hot water typically found in large and luxury homes.
<b>Sizes</b>	1.5 thru 6 ton (6 sizes)	3 thru 6 ton (3 sizes)	8 thru 15 ton (4 sizes)
<b>Efficiency</b> AHRI 13256-1 (GLHP) Closed loop	2.9 - 3.1 COP 14.0 - 17.5 EER	3.2 - 3.3 COP 16.1 EER	3.3 - 3.5 COP 18.4 - 22.0 EER (partial load) 2.7 - 3.0 COP 15.8 - 16.8 EER (full load)
<b>Refrigerant</b>	R-410A	R-410A	R-410A
<b>Compressor</b>	Scroll	Vapor Injection Scroll	Scroll
<b>Cabinet Configurations</b>	Compact unit Front or rear plumbing connections Controls are field convertible from front to back	Compact unit Front or rear plumbing connections Controls are field convertible from front to back	Compact unit Top & Back mounted water connections Controls have a factory installed option for front or back
<b>Stages</b>	1 Heat, 1 Cool	1 Heat, 1 Cool	2 Heat, 2 Cool
<b>Controls</b>	Aurora Base Controller Optional Aurora Advanced Controller with energy monitoring Optional performance monitoring Optional refrigeration monitoring Aurora Interface Diagnostic (AID) Tool Onboard diagnostics	Aurora Advanced Controls with energy monitoring Aurora Interface Diagnostic (AID) Tool Onboard diagnostics Optional performance monitoring Optional refrigeration monitoring	Aurora Advanced Controls with energy and refrigeration monitoring Optional performance monitoring with field installed flowmeter Aurora Interface Diagnostic (AID) Tool Onboard diagnostics
<b>Hot Water Generator</b>	Optional externally mounted pump Not available on 1.5 & 2 ton	Not Applicable	Not Applicable
<b>Warranty</b>	10 year parts, 5 year labor allowance on internal parts 5 year parts, 5 year labor allowance on accessories <b>10 year parts, 10 year labor allowance on internal parts available for buy-up</b>	10 year parts, 5 year labor allowance on internal parts 5 year parts, 5 year labor allowance on accessories <b>10 year parts, 10 year labor allowance on internal parts available for buy-up</b>	10 year parts, 5 year labor allowance on internal parts 5 year parts, 5 year labor allowance on accessories <b>10 year parts, 10 year labor allowance on internal parts available for buy-up</b>
<b>ENERGY STAR Rated</b> Closed earth loop rating points	Yes All sizes except the 075	Yes All sizes	Yes 10 and 12 ton models

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