

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.







| | 5 Series 500W11 Perfect for 100% domestic hot water or radiant in-floor heating. | 5 Series 504W11 Uses OptiHeat vapor injection technology to reach higher temperature output than other water-to-water systems. | 5 Series 502W12 Provides high volume and high temperature water heating with R134a refrigerant for boiler replacement. | Envision NDW Perfect for high volume hot water typically found in large and luxury homes. |
|--|--|--|--|---|
| Sizes | 3 thru 5 ton (3 sizes) | 3 thru 6 ton (3 sizes) | 7 ton | 8 thru 15 ton (4 sizes) |
| Efficiency Closed earth loop | 2.9 - 3.1 COP 14.0 - 17.5 EER | 3.2 - 3.3 COP 16.1 EER | 3.5 COP 19.0 EER (partial load) 3.1 COP 16.0 EER (full load) | 3.3 - 3.5 COP 18.4 - 22.0 EER (partial load) 2.7 - 3.0 COP 15.8 - 16.8 EER (full load) |
| Compressor | Scroll | Vapor Injection Scroll | Scroll | Scroll |
| Stages | 1 Heat, 1 Cool | 1 Heat, 1 Cool | 2 Heat, 2 Cool | 2 Heat, 2 Cool |
| Zone Control | HydroLogic | HydroLogic | HydroLogic | HydroLogic |
| Cabinet Configurations | Compact unit. Front or rear plumbing connections. Field switchable control box. | Compact unit. Front or rear plumbing connections. Field switchable control box. | Compact unit Top & Back mounted water connections. Field switchable control box | Compact unit Top & Back mounted water connections. Field switchable control box. |

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| | 5 Series 500W11 | 5 Series 504W11 | 5 Series 502W12 | Envision NDW |
|----------------------------|---|--|--|--|
| Control | 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 | FX10 Standard with MUI No communication | FX10 Standard Open N2, Lonworks, BacNet Communication optional |
| Hot Water Generator | Optional Internal mount pump Not available on 1.5 & 2 ton | Not Applicable | Not Applicable | Not Applicable |
| Refrigerant | R-410A | R-410A | R134a | R-410A |
| Warranty | 10 year parts, 5 year labor allowance on internal parts 5 year parts, 5 year labor allowance on accessories <i>10 year parts, 10 year labor allowance on internal parts available for buy-up</i> | 10 year parts, 5 year labor allowance on internal parts 5 year parts, 5 year labor allowance on accessories <i>10 year parts, 10 year labor allowance on internal parts available for buy-up</i> | 10 year parts, 5 year labor allowance on internal parts 5 year parts, 5 year labor allowance on accessories <i>10 year parts, 10 year labor allowance on internal parts available for buy-up</i> | 10 year parts, 5 year labor allowance on internal parts 5 year parts, 5 year labor allowance on accessories <i>10 year parts, 10 year labor allowance on internal parts available for buy-up</i> |
| ENERGY STAR Rated |  Yes All sizes except the 075 |  Yes All sizes |  Yes All sizes |  10 and 12 ton models |

*Secondary heat exchanger is needed for pool/spa heating.