

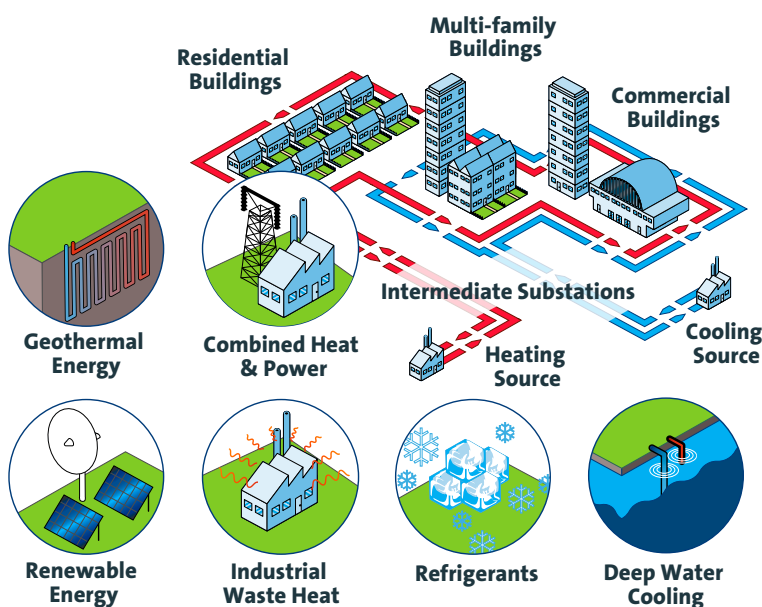
Hydronic Components & Accessories

GRUNDFOS **HYDRONICS**

Grundfos offers a complete line of Hydronic System Components and Accessories. As you have come to expect from our pumps, Grundfos Hydronic system components not only complete your heating and cooling systems, but optimize the performance of your systems. Grundfos Hydronic System Components deliver the ultimate in system efficiency by optimizing air elimination and energy transfer.

KEY FEATURES AND BENEFITS

- Complete line of Pump Accessories, Air Elimination Devices and Heat Exchangers for Efficient System Operation and Energy Transfer
- Full line of ASME diaphragm and bladder tanks ready to ship
- Hot and chilled water buffer tanks for smooth system operation
- Highly efficient system optimizing air and dirt eliminators
- Shell & Tube Heat Exchangers engineered for reliable performance with industry leading availability
- Standard and custom plate heat exchangers for any task
- Plates constructed for high thermal efficiency and low pressure drop



APPLICATIONS

- Hydronic Heating and Cooling Systems
- District Energy / Central Heating and Cooling Plants
- Combined Heat and Power, Cogeneration Systems
- Industrial Thermal Applications using: steam, hot water and chilled water

TECHNICAL DATA

EXPANSION TANKS

- Standard tanks to 4000 gallons, custom sizes available upon request
- Replaceable bladder and fixed bladder
- ASME construction



BUFFER TANKS

- Chilled water and hot water available
- Top and bottom connections as standard
- Available as 4-port hydronic separators
- ASME construction



HYDRO SEPARATORS

- Tangential Separators
 - Utilize centrifugal force to create a vortex for separation
 - 2" to 24" Standard sizes, custom sizes available
- Optimizer Separators
 - Utilize a coalescing media to optimize air and dirt elimination
 - Capable of removing 99.65% of system air, greatly improving system longevity and performance
 - 2" to 24" Standard sizes, custom sizes available



ENERGY TRANSFER

- Shell & Tube Heat Exchangers
 - Steam to Water and Water to Water
 - 4" to 30" Diameters / 2' to 14' Lengths
- Plate Heat Exchangers
 - Standard and customized energy transfer solutions
 - Plate designs provide high thermal efficiency with a low pressure drop
 - Even flow distribution across heating surface
 - Integrated gasket groove allows for longer gasket elasticity



Visit grundfos.us/pei to learn more about Department of Energy (DOE) pump energy index (PEI) requirements and PEI ratings on specific Grundfos models.