



*Engineered Solutions*

*Making Geothermal & Hydronics Easier*

# All Products Brochure

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## Residential Flow Centers



## Commercial Flow Centers



## Hydronic Accessories/Pipe/Fittings



## Tools/Replacement Pumps



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## Residential Solutions



Geo-Flo's most popular residential flow centers are available in a wide variety of combinations. Flo-Link™ double O-ring style flow centers are unsurpassed in ease of installation. Flo-Link double O-ring fittings provide leak-free union connections at the flow center, installed without tools (no need for pipe wrenches). Virtually any type of transition (fusion, thread, barb, PVC glue, etc.) is available for Flo-Link fittings. Geo-Flo's full port

3-way flushing and isolation valves are designed for the wide range of temperatures experienced in ground loop applications. Flo-Link flow centers are available through heat pump manufacturers and their distributors.



## Pressurized Systems



**Flo-Link series foamed flow center with high impact polystyrene cabinet (shown with variable speed Grundfos Magna GEO pump):** Flo-Link flow centers are available in one pump and two pump configuration with variable speed (Magna GEO 32-140) and constant speed (UPS26-99 or UP26-116) pump(s).

**GPM series foamed flow center with ABS plastic cabinet** (shown as GPM-1, single pump--also available as GPM-2, GPM-3, and GPM-4)

Field upgradable to two pump flow center



## Non-pressurized Systems



**NP series non-pressurized flow center:** Building upon Geo-Flo's 3-way flushing valves with Flo-Link connections, the NP series reduces installation time, and increases reliability. The pressure/vacuum relief cap maintains system pressure between atmospheric and 13 psig. Grundfos UPS26-99 3-speed pump(s), UP26-116 single speed pump(s), and the variable speed Magna GEO provide design flexibility.

### **Geo-Prime series:**

Geo-Prime series is a hybrid system with a tank that may be added to a standard pressurized flow center or insulated pump to create a non-pressurized system. Geo-Prime ensures that the pumps receive only air-free loop fluid and provides enough additional make-up fluid to prevent call-backs.

## Hybrid Systems





MAGNA3 insulated pump with isol. valves (model 40-180 shown -- 2" connections)

## MAGNA3 Insulated Pump Features:

- Variable speed ECM circulator with integrated controls for larger installations (models up to 300 GPM)
- Wireless communication to backup pump
- Built-in differential pressure control
- Ready for central pump, primary-secondary, or one-pipe systems
- 2", 3", and 4" connections, depending upon model
- Ball or butterfly isolation valves included (optional check valve for two-pump primary/backup installation)
- Dual head models (65, 80 and 100 series)
- Powder-coated steel cabinet (40 series)
- Foam insulation for condensation protection
- Wall mounted for space savings / floor mounted stand for larger models

**Consider Variable Speed Technology!**



## HDPE Hydraulic Separator

- Made for geo applications
- Foam-insulated cabinet
- Up to 90 GPM per side
- Perfect for primary-secondary installations

## SuperBrute and VersaFlo Flow Center Features:

- Industry's first geothermal specific 2" full-flow flushing and service valve
- Two Grundfos UPS60-150 SuperBrute XL wet rotor circulators;  
or: One or Two Grundfos VersaFlo wet rotor circulator models UPS32-160, UPS40-160, or UPS40-240
- 3-speed pumps, available in 208-230/1, 208-230/3, and 460/3 (call for lead times for 3 phase pumps)
- Cast iron housing
- Forged brass valves with NBR seals
- Standard ½" socket drive for valve actuation
- Valve access on both sides of cabinet for installation flexibility
- Powder-coated steel cabinet
- Foam insulated cabinet for condensation protection
- Wall mounted for space savings
- Slotted mounting holes for installation ease
- Utilizes Flo-Link XL family of fittings for installation ease & piping choice



SuperBrute XL



Geo-Flo has a wide variety of Flo-Link XL double O-ring adapter fittings for SuperBrute XL and VersaFlo flow centers. See catalog for details.



VersaFlo (2 pump version shown)

## Hydronic Accessories/Pipe/Fittings/Tools

Geo-Flo's Hydro-Connect™ is an engineered solution to simplify your hydronic design by providing easy to understand Integrated Controls, Outdoor Temperature Reset, Warm Weather Shut Down and Zoning with a Buffer Tank.

An affordable solution for:

- Geothermal Heat Pumps ...
  - Water-to-Water
  - Combination Units
- Chilled Water Systems
- Low Mass Boilers
- Low Mass Radiation

The foam-insulated stainless steel tank and heavy gauge powder coated steel cabinet is designed for chilled water applications. Factory wiring provides easy field wiring and saves significant installation time.



The Geo-Flo Flush Cart is the professional's choice to purge air and flush debris from residential and light commercial geothermal ground loops. The Flush Cart includes all the important features required to safely flush and purge the loop including power flushing, power draining, pump and dump, and debris filtering. Its compact design utilizes standard components which allows for easy field service. The 1.5 HP self-priming 115V pump is mounted above the cart's axle, providing a well balanced system that is easy to maneuver.



Insulated Pump for Chilled Water / Hot Water Applications with Isolation valves and valve insulation kit



Geo-Flo offers a range of installation/service tools.

Members of ...



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