

Features & Benefits

Non Pressurized Flow Center

- ~ Eliminates Callbacks
- ~ Fast Installation

Removable Lid

- ~ Easy to Fill
- ~ Check Flow Rates*
- ~ Add Anti-Freeze

Air Separation Chamber

Continually PerformsPurging Function

Check Valve

~ Pump Protection

5 Year Warranty

Stainless Steel Canister

- *Requires Service Tool (Part# WFT-17), sold separately
- *Optional Flow Center Wrench for lid (Part# FCW), sold separately



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FLOW CENTERS: GT® FLOW CENTER

ONE COMPLETE PACKAGE

The non-pressurized GT_® Flow Center pumping station is unlike other pump protection devices. For instance, the GT_® Flow Center includes a built-in patented pump protection feature that eliminates the need for a flush cart when filling and flushing a closed-loop system when your manifolds are indoors. And since it is non-pressurized, it allows you to add fluids like anti-freeze or water, while automatically eliminating air from the closed-loop system.

SIMPLE INSTALLATION

As a result of the GT® Flow Center being completely packaged at the factory, installation is simple. Just connect the return line from an earth loop to the GT® Flow Center, then connect a supply line from the GT® to the heat pump unit. Also available is the flow meter tool, an exclusive service tool, which provides a direct reading of system flow rate, and eliminating the uncertainty associated with current methods.

EASY TO OPERATE & MAINTAIN

The system includes a self-sealing feature that keeps dirt & debris out and water in. For you, that means trouble-free operation, easier installation, and fewer call backs. This also means added reliability for the homeowner. In addition, adding anti-freeze is easy, just remove the self-sealing lid and pour it into the air elimination chamber. Since the only moving part of this system are the pump(s), service is minimal. Each part is made to be removed for servicing, without risk of fluid loss or air entry into the system.

A SMART ADDITION TO WATER SOURCE TECHNOLOGY

A homeowner's initial investment in a water source system is slightly more than that of a conventional system. It's an investment that the homeowner will want to protect. Recommending the GT_® Flow Center will not only add to the reliability of the closed-loop system, it will also add to the customer's satisfaction in the long run.

Self-Sealing Lid All fluids are poured into the top of the chamber: for filling, flushing & adding anti-freeze. The top remains open until installation is complete. Air Elimination Chamber

Removes air from the system as it is circulated through the canister.

Ball Valves

Allow each pump to be removed for service without the risk of fluid loss to the system.

Pumps

Circulate fluid throughout the earth-loop system.

Built-In Check Valve

Holds water in the pump volutes after initial filling. This feature protects the pump by keeping water on the bearings even if the chamber runs dry.



Part Number	# of Pumps	Voltage	Amps Grundfos (3 Speed)	HP (ea.)	Inlet*/ Outlet Size
NPFCSS	0	-	-	-	1" FPT
1-230PFCSS-G	1	230	.90	1/6	1" FPT
2-230PFCSS-G	2	230	1.8	1/6	1" FPT
1-230PFCSS-M	1	230	1.8	1/6	1" FPT
2-230PFCSS-M	2	230	3.6	1/6	1" FPT

*Comes with Brass Union.

Model Number Letter G=3-2699-3 Speed

M=26-116F (1.8 Amps per Pump)

GT_®'s Overall Size - 34" X 6 1/2" X 15 1/2"

*Dimensions are approximate

See Pump Curve Section in Back of Catalog for Pump Performance Data

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