



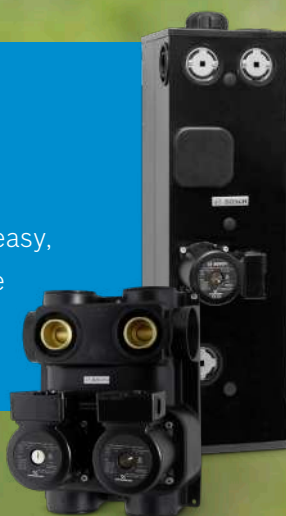
**BOSCH**

Invented for life

## Bosch Geothermal

### Flow Centers

Bosch Geothermal Flow Centers are built for easy, time-saving installation and available in a wide variety of combinations to suit your needs.





# A Wide Variety of Combinations

## Bosch Geothermal Flow Centers

Bosch flow centers are built for easy, time-saving installation and are available in a wide variety of combinations to suit the contractor or system designer's needs. Now available as pressurized, non-pressurized, and non-pressurized dual circuit, our flow centers come with the quality you expect from Bosch, and are assembled and leak tested thoroughly. Additionally, all Bosch flow centers come with an industry leading 10 year limited warranty<sup>(1)</sup>.



### Bosch Flo-Link™ Pressurized Flow Centers

- ▶ Flo-Link™ double O-Ring fittings eliminate the possibility of leaks and simplify installation
- ▶ Front flush ports allow easy access during installation
- ▶ Foam insulation stops condensation, and a high impact polystyrene cabinet prevents rust over time
- ▶ Available with composite valves
- ▶ Offered with constant speed pump options

Bosch flow centers utilize industry standard circulators and our cabinet design allows pump heads to be rotated, or upgraded/downgraded (i.e. adding/removing a pump) to fit most job specifications. Many of our flow centers are so easy to install - no tools are required (no need for pipe wrenches) and any type of transition (FPT, fusion, thread, barb, PVC glue, etc.) can be used with the appropriate Flo-Link™ fittings. Bosch's full port, 3-way flushing and isolation valves are durable and can withstand the wide range of temperatures experienced in ground loop applications. Panel mounted flow centers eliminate the need for wiring a controller by including panel-mounted controls with a terminal strip for simple wiring of the panel to the heat pump thermostat connections<sup>(2)</sup>.



### Bosch Non-Pressurized Flow Centers

- ▶ Utilizes a water column to provide suction head for the circulator pump, and to ensure a flooded pump volute
- ▶ Equipped with a fluid reservoir (tank), flush and service valves, and one or more pumps in a insulated cabinet
- ▶ Includes a sealing cap to ensure a closed system while providing integrated pressure and vacuum relief to prevent the reservoir from being over-pressurized or dropping below atmospheric pressure
- ▶ Available with single or three speed pumps to provide options for both the contractor and the system designer

Bosch non-pressurized flow centers utilize 3-way flushing valves with Flo-Link™ connections within the unit thereby allowing the ground loop to be flushed without adding external flush ports. This decreases installation time and costs while increasing reliability. Additionally, piping becomes much simpler with the use of the Flo-Link™ double O-ring which includes transition fittings for almost any application. Top or side connections to the heat pump and ground loop add even more flexibility.



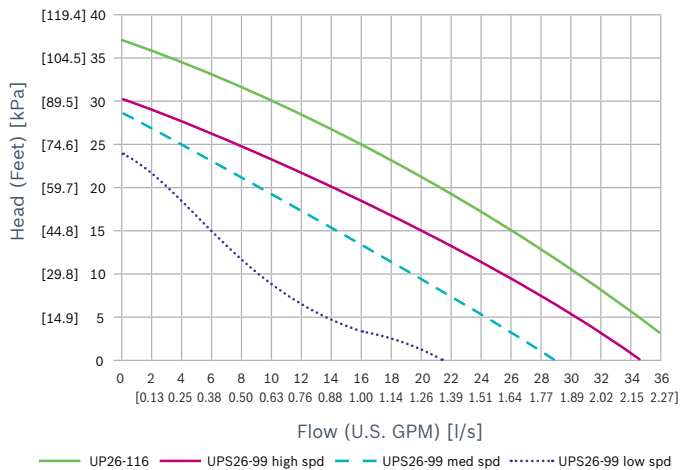
# Bosch Geothermal Flow Centers Reference Chart



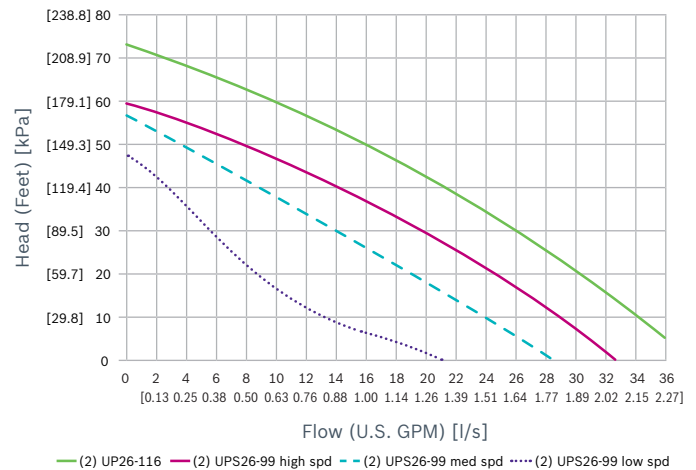
PART NUMBER	CONSTANT SPEED FLO-LINK™ PRESSURIZED FLOW CENTERS				CONSTANT SPEED NON-PRESSURIZED FLOW CENTERS	
	7738005088	7738005090	7738005092	7738005094	7738005098	7738005099
Pressurized	✓	✓	✓	✓		
Non-Pressurized					✓	✓
PSC Constant, 3-Speed Motor UP26-99 (Number of Motors)	1		2		1	2
PSC Constant 1-Speed Motor UP26-116 (Number of Motors)		1		2		
208/230-1ph	✓	✓	✓	✓	✓	✓
Flo-Link™ Water Connections	✓	✓	✓	✓	✓	✓
Composite Valves	✓	✓	✓	✓	✓	✓
Cast Iron	✓	✓	✓	✓	✓	✓
10 year Limited Warranty <sup>(1)</sup>	✓	✓	✓	✓	✓	✓

## Performance Data

Grundfos Pump Comparison (Single Pumps)



Grundfos Pump Comparison (Two Pumps)



## Accessories<sup>(3)</sup>



Geo-Prime™ Tank	Geo-Booster™ Loop Pressurization System (35 psig)	Pressure Battery HDPE Expansion Tank (1-1/4" PE fusion)	Hose Kit for Flo-Link™ Flow Centers	Hose Kit w/3-way Valve for Non-Pressurized Flow Centers	Geo-Meter Mechanical (Variable Area) Flow Meter Tool
PART NUMBER					
7738003261	7738003387	7738000091	8733904579	7738005068	7738005069

(1) Please go to [boschheatingandcooling.com](http://boschheatingandcooling.com) for full limited warranty details. (2) This option is for heat pumps with 24VAC thermostats. (3) Additional accessories are available - Please consult your pricing catalog or customer service for details. (4) Composite valves at heat pump connections and drain valves.

# About **Bosch**

## **Bosch Group**

The Bosch Group is a leading global supplier of technology and services in the areas of Automotive, Industrial Technology, Consumer Goods and Building Technology. The company was founded in Stuttgart, Germany, in 1886 and presently has more than 440 subsidiaries and is represented in over 150 countries.

In the U.S., Canada and Mexico, the Bosch Group manufactures and markets automotive original equipment and aftermarket solutions, industrial drives and control technology, power tools, security and communication systems, packaging technology, thermotechnology, household appliances and software solutions. The Bosch Group's products and services are designed to improving quality of life by providing innovative and beneficial solutions. In this way, the company offers technology worldwide that is "Invented for life." Additional information is available online at [boschheatingandcooling.com](http://boschheatingandcooling.com) and [bosch.ca](http://bosch.ca).

## **Bosch Thermotechnology in North America**

Bosch Thermotechnology is a leading source of high quality water heating and comfort systems. The company offers gas tankless, electric whole house and point-of-use water heaters, Bosch and Buderus floor-standing and wall mounted boilers, Bosch and FHP geothermal, water-source and air-source systems as well as controls and accessories for all product lines. Bosch Thermotechnology is committed to being Simply Smart by offering products that work together as integrated systems that enhance quality of life in an ultra-efficient and environmentally friendly manner. For more information, visit [boschheatingandcooling.com](http://boschheatingandcooling.com).



Heating



Cooling



Hot Water



Controls

### **Bosch Thermotechnology Corp.**

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