

By-Pass & Filter Feeders

By-Pass Feeders

Neptune By-Pass Feeders are a convenient method of introducing treatment chemicals into closed circulating water systems.

Neptune By-Pass Feeders are ideal for use with chilled water treatment such as air conditioning systems or hot water treatment in heating systems or large engine water jackets.

Neptune offers two styles of By-Pass Feeders: A vertical style with dish bottom in and a vertical style with dish bottom out.

Filters are available for system cleanup and monitoring.

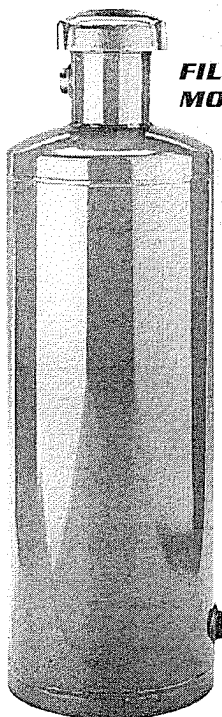
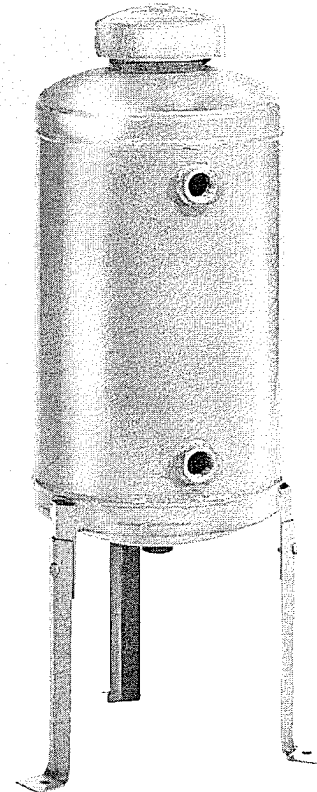
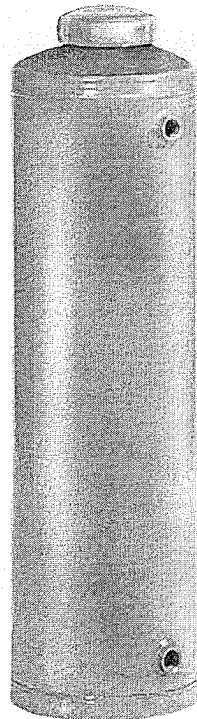
A new high pressure cap rated to 300 psi is now available. The first closure improvement in over a decade.

Neptune
CHEMICAL PUMP CO., INC.

BY-PASS FEEDERS - VERTICAL STYLE

**DISH BOTTOM IN
MODEL VTF-10HP**

**DISH BOTTOM OUT
MODEL DBF-5HP**



**FILTER FEEDER
MODEL FTF-5HP**

Filter Feeders

The Neptune Filter Feeder combines chemical addition and high capacity filtering in one piece of equipment. It is a convenient way to introduce powders or liquid chemicals into hot or cold water closed circulating systems.

- Eliminates need for separate By-Pass Feeder and filter.
- Filtration can be achieved at the same time as chemical addition.
- Extended neck with top inlet allows simple installation of filter or dissolving basket.
- Filter bags are available in coarse, medium and fine grades. (Order separately.)
- Filter bags are quickly and easily replaced.

By-Pass Feeders

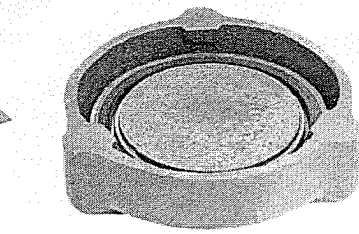
NEW!
The first closure improvement in over a decade!

Caps

All Neptune By-Pass Feeders offer the new style, quick opening, high pressure closure.

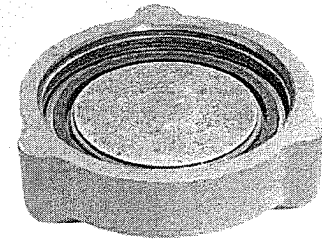
These closures offer better sealing with less force and eliminate the need for tools. Design binds cap tightly when under pressure making it necessary to bleed pressure from tank before removing cap.

Underside of cap which contacts liquid is epoxy-coated.



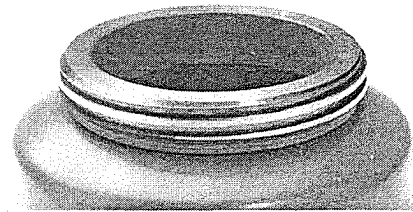
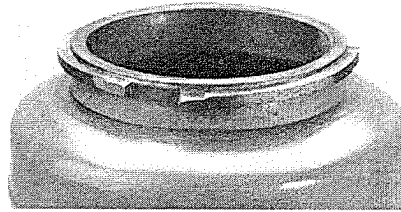
OLD STYLE CAP

Three lug, 1/3 turn design rated to 200 psi.



NEW HIGH PRESSURE CAP

Coarse thread, 2 1/2 turn design rated to 300 psi.

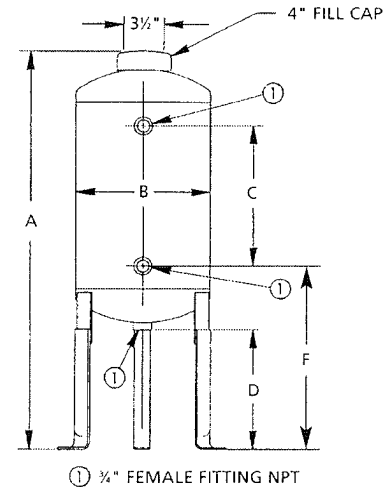
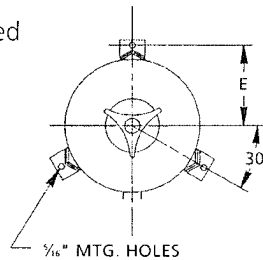


Vertical Style - Dish Bottom Out

The "DBF" series features wide-mouth caps manufactured by Neptune. These caps utilize a square section "O" ring seal and will **close easily by hand**. Advantages of this series are demountable leg extensions and a **full bottom drain**. Optional Filter Bag Kit may be added.

"DBFC" models include a built-in support and mounting for a cartridge filter (order cartridge separately).

See page 3 for specifications.



MODEL NUMBER	FILTER	APPROX. CAPACITY	MAX. PRESSURE*	A	B	C	D	E	F	SHIP WEIGHT
DBF-2HP	Optional†	2 Gallons	300 psi	31 1/4"	6"	12 3/4"	8 5/8"	4 1/8"	13 1/4"	23 lbs.
DBFC-2	Cartridge	2 Gallons	300 psi	31 1/4"	6"	12 3/4"	8 5/8"	4 1/8"	13 1/4"	23 lbs.
DBF-5HP	Optional†	5 Gallons	300 psi	29 3/4"	10"	10 1/2"	8"	6 1/8"	13"	38 lbs.
DBFC-5	Cartridge	5 Gallons	300 psi	29 3/4"	10"	10 1/2"	8"	6 1/8"	13"	38 lbs.
DBF-10HP	Optional†	10 Gallons	300 psi	45 3/4"	10"	26 1/2"	8"	6 1/8"	13"	61 lbs.

*At 200°F Max.

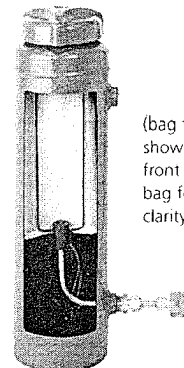
†No filter included with base unit. Purchase optional filter bag kit.

Filter Bag Kits

Available for all "VTF" and "DBF" models up to 10 gallons. Kit includes bag, bag frame, tubing and connectors. The addition of a filter bag allows the By-Pass Feeder to function simultaneously as a side stream filter. (A clean bag is rated at approximately 30 microns.) Cannot be used with VTF & DBFC models.

VTF-2HP with filter bag kit installed

MODEL	FOR USE ON
FBK-2	VTF-2HP, DBF-2HP
FBK-5	VTF-5HP, DBF-5HP
FBK-10	VTF-10HP, DBF-10HP



(bag frame shown in front of bag for clarity only)