

# HYDRONICLEAN SYSTEM

~Complete Side Stream Filtering System~



**ABTEC FILTERS**

A DIVISION OF ENERGY TECHNOLOGY PRODUCTS LTD





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## HYDRONICLEAN SYSTEM

An engineered system for removing suspended solids from heating water, glycol, brine and other closed recirculating hydronic systems.

- Minimize wear on pump seals.
- Reduce wear on control valve seats.
- Removes suspended solids and pipe scale.

### Installation

The system is installed across the circulating pump with flow from pump discharge to pump seal cage or pump suction.

### Specifications

**Hot water unit** - glass reinforced Nylon Vessel. Max. temp and pressure 220°F (105°C) and 200 psi. (1379 Kpa).

**Glycol unit** - glass reinforced Nylon Vessel. Max. temp and pressure 220°F (105°C) and 200 psi. (1379 Kpa).

**Flow indicator:** Cast bronze body with two high temperature thermos shock resistant glasses.

**Valves:** ¾" NPT bronze ball valves with quick closing handles.

**Cartridges:** 2 ½" (63.5 mm) diameter X 10" (254mm) long.

### Operation

New systems - Install a 50 micron cartridge in the filter housing. Open inlet valve. Slowly open outlet valve to obtain movement of ball in sight glass of the flow indicator. When the flow has decreased such that the ball in the flow indicator is motionless, the filter should be replaced.

Install 10 micron cartridge after five, 50 micron turnovers for final system cleaning. Regular filter replacement must be carried out to maintain the system in it's final clean condition.

