

# Portable Filters

HP Series. Heavy Duty Portable Handcart Filter Pumps.

Double Capacity: 10 and 30 GPM

## REMOVE WATER & DIRT FROM OILS AND FUELS

- Choice of dirt or combination dirt and free water removal cartridges
- Two cartridge – double contaminant removal
- Rugged welded steel construction
- Large pneumatic wheels for soft surfaces
- Self-contained, one person operation
- Lift ring for easy lifting

## DESCRIPTION

### Double capacity Parker Velcon HP Series Portable Filter Pumps

are recommended for oils with higher concentrations of dirt, water and other contaminants. Two models are offered with a choice of 10 and 30 gpm flow rates.

The thirty-gallons per minute model is the preferred choice at electrical utility installations for transferring and filtering insulating oil. It has been proven to be economical, fast, and efficient for applications of this type involving larger volumes of oil.

The HP Series two-cartridge design filters and holds more than twice as much contaminant as single cartridge units. Several different types of filter cartridges are offered for specific applications. Cartridges can be changed in only a few minutes.

HP Series Filter Pumps are highly portable. Large pneumatic wheels allow the units to be moved

over soft and irregular surfaces by one person. Rugged, welded steel construction makes them suitable for operation in the most difficult and demanding industrial environments. Units are completely self-contained and require only electrical power to operate.

## FILTER CARTRIDGES

### Dirt Removal:

For dirt particles, use two FO-718PL Series large surface area pleated media cartridges. For colloidal contaminants, two FO-618FGA Series fiberglass depth cartridges are recommended.

**Dirt and Water Removal:** Use two Aquacon® AC-718 Series free water absorbent cartridges. Each removes 1 to 2 quarts of free water and also filters dirt particles.

Aquacon® Cartridges have a unique inner absorbent media. Absorbed water is chemically locked in. When the cartridges reach their water holding capacity, their accordion pleats swell shut. This causes an increase in the differential pressure which signals the operator to change the cartridges.



ENGINEERING YOUR SUCCESS.

**APPLICATION:**

- Hydraulic Oil
- Transformer Oil
- Cutting Oil
- Lube Oil
- Quench Oil
- Diesel Fuel
- Biodiesel Fuel

*PLEASE NOTE: Use of Aquacon® or Fiberglass Depth Cartridges with the HP30 (30 gpm) unit should be limited to oils with a viscosity of 100 SSU or less. Transformer and circuit breaker oils are acceptable. This limitation does not apply when using pleated media cartridges.*

**SPECIFICATIONS**

- Standard features for all HP Models
- Double capacity – holds two 18” length 618/718 style filter cartridges
  - Carbon steel construction
  - Powder coated vessels
  - 10” wheels
  - Totally enclosed, fan cooled motor
  - Built-in pump bypass to prevent system over-pressure
  - Pressure gauge to indicate when elements must be changed
  - Buna-N lid gasket
  - Lift ring
  - Weight: 506 lbs
  - Height: 54”; Width: 22”; Depth: 31”

**RECOMMENDED SPARES**

- 1 ea, G-1045 - Standard Buna-N Lid gasket (or)
- 1 ea, G-1045A - Optional Viton-A Lid gasket

**AVAILABLE STANDARD MODELS (SHIPPED WITHOUT CARTRIDGES)**

	Variable Speed Drive (Replaces Flow Control Bypass)	Y Strainer	Basket Strainer	Filter Bypass	Pressure Switch	Air Eliminator	4-Way Valve	Full Port Isolation Valves	DP Gauge	Digital Flow Meter	Voltage
HP10-MK1	✘	✘									120V/60 HZ
HP10-MK2	✘	✘		✘	✘	✘					
HP10-MK3	✘		✘	✘	✘	✘	✘	✘	✘	✘	
HP30-MK1	✘	✘									230V/60HZ 1P
HP30-MK2	✘	✘		✘	✘	✘					
HP30-MK3	✘		✘	✘	✘	✘	✘	✘	✘	✘	



ENGINEERING YOUR SUCCESS.