

SPECIALIST PRODUCTS: PORTABLE FILTER TROLLEYS

OVERVIEW

Parker's 10MFP Series Portable filter Trolleys are the ideal way to pre-filter and transfer fluids into reservoirs, or to clean up existing systems. New fluid is not necessarily clean fluid, and in fact most new fluids (straight from the drum) are unfit for use due to high contamination levels and should always be filtered before being put to use.

When used as an offline filtration system, diagnostic capabilities can also be established with the use of a Parker IPD particle detector integrated into the filter trolley. This provides real-time monitoring of contamination levels of fluid as it passes through the filter trolley, ensuring the pre-determined cleanliness levels are being achieved and maintained.

The units can also be used to remove water from a system with the use of Par-Gel elements. The Par-Gel elements are made from polymer which has a very high affinity for free-water. Once the water comes into contact with this material it is removed from the system.

Hydrasun stocks 110V and 240V standard versions along with a full range of replacement elements.

APPLICATIONS

- Filtering new fluid before use
- Fluid transfer from drums or storage tanks to system reservoirs
- Conditioning fluid that is already in use
- Complimenting existing system filtration
- Removing free water from a system
- Can be used with fluids such as hydraulic, gear and lube oils
- Hydrasun can advise on use with alternative fluids

BENEFITS

- Economic system protection
- Element cost savings
- Removes dirt and water from systems in one easy process
- Extends fluid life
- Increases system performance



SPECIFICATION

Maximum Recommended Fluid Viscosity:

10MFP – (108 cSt) 500 SUS 0.85 specific gravity

Visual Indicator (outlet filter):

Visual differential type, 3-band (clean, change, bypass)

Filter Bypass Valve Settings (Integral to Element):

Inlet – 0.2 bar (3 psid)
Outlet – 2.4 bar (35 psid)

Flow Rate:

38 L/min (8.3 Gal/min)

Operating Temperature:

-40° C to + 66° C (-40° F to +150° F)

Electrical Service Required:

10MFP – ¾ hp @3540 rpm, O.D.P
Thermal overload protection

Construction:

Frame – Steel
Filter head – Aluminium
Filter bowl – Steel
Hoses – PVC (Std.)
– EPDM (high temp option)
Wands – PVC (Std.)
– Steel tube (high temp option)

Weight:

45.4kg (110 lbs.)

Dimensions:

Height: 1034 mm (40.7 in.)
Width: 648 mm (25.5 in.)
Depth: 503 mm (19.8 in.)



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