

Portable Filtration Trolley

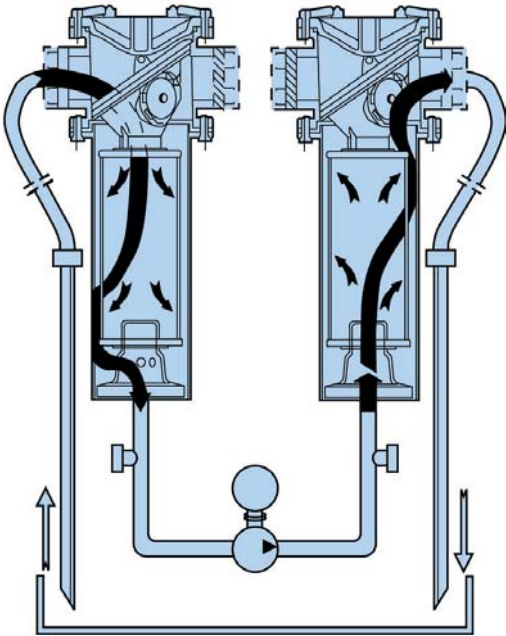
10MF Series

MAX 38 l/min



10MF Series

Features & Benefits



Fluid flow path through 10MF portable filtration system when viewed from front, electrical switch to rear

The 10MF Portable Filtration System is ideal for:

- Off-line contamination control of fluid systems
- Replenishing installations with filtered fluid
- Emptying waste fluid quickly

The 10MF Filter system is designed for on-site preventive maintenance of fluid systems. Two high capacity filters are used, with fluid passing through a primary clean-up filter and then through the final polishing filter giving highly effective and reliable contamination control.

- Two high capacity filters, complete with indicators element condition
- Filters incorporate standard Parker media.
- 38 l/min pressure balanced gear pump
- 0.75kW @ 3450rpm electric motor with thermal overload protection
- Robust all welded steel trolley, complete with drip tray and rubber tyred wheels
- Complete with stowable hoses

Typical Applications

- Paper mills
- Injection and blow moulding equipment
- Industrial & mobile equipment
- Transferring fluid from drums or storage tanks to system reservoirs
- Off-line conditioning of existing fluids
- Complimenting existing system filtration

The Parker Filtration 10MF portable filtration system.

Parker's portable filtration units are designed for on-site preventative maintenance of fluid systems. An internal pump draws fluid through a primary clean-up filter and then pushes the fluid through a high quality polishing filter to remove particulate contamination down to 4µm (c) absolute.

Water can also be removed by installing Parker's Par-Gel™ water removal elements to the outlet filter. Once the water comes into contact with the Polymer element it will be removed from the fluid. An all round solution for contamination control in your critical system



Specification

Pump drive options:

0.75kW Electric motor 220/240v A.C. Single phase 50HZ
0.75kW Electric motor 110V A.C. Single phase 50HZ.

Pump:

38 l/min pressure balanced gear pump.

Filters:

Moduflow CF2.1 & RF2.1 filters, refer to brochure 2350-GB.

Electrical details:

On/Off switch. 2 metre cable.

Weight:

45.4 kg.

Fluid compatibility:

Suitable for use with mineral oils. For other fluids, please consult Parker Filtration.

Max recommended fluid viscosity:

108 cSt.

Seals:

Nitrile.

Filter elements:

Inlet - synthetic, stainless steel mesh optional.

Outlet - 10Q Microglass III, other μ ratings and WR optional.

Filter bypass valve settings:

Inlet - 0.2 bar (3 psi).

Outlet - 1.7 bar (25 psi).

Visual indicator:

3 band visual differential (clean, change, bypass).

Construction:

Cart frame - steel, filter head - aluminium.

Filter bowl - steel, hoses - PVC standard.

Motor options:

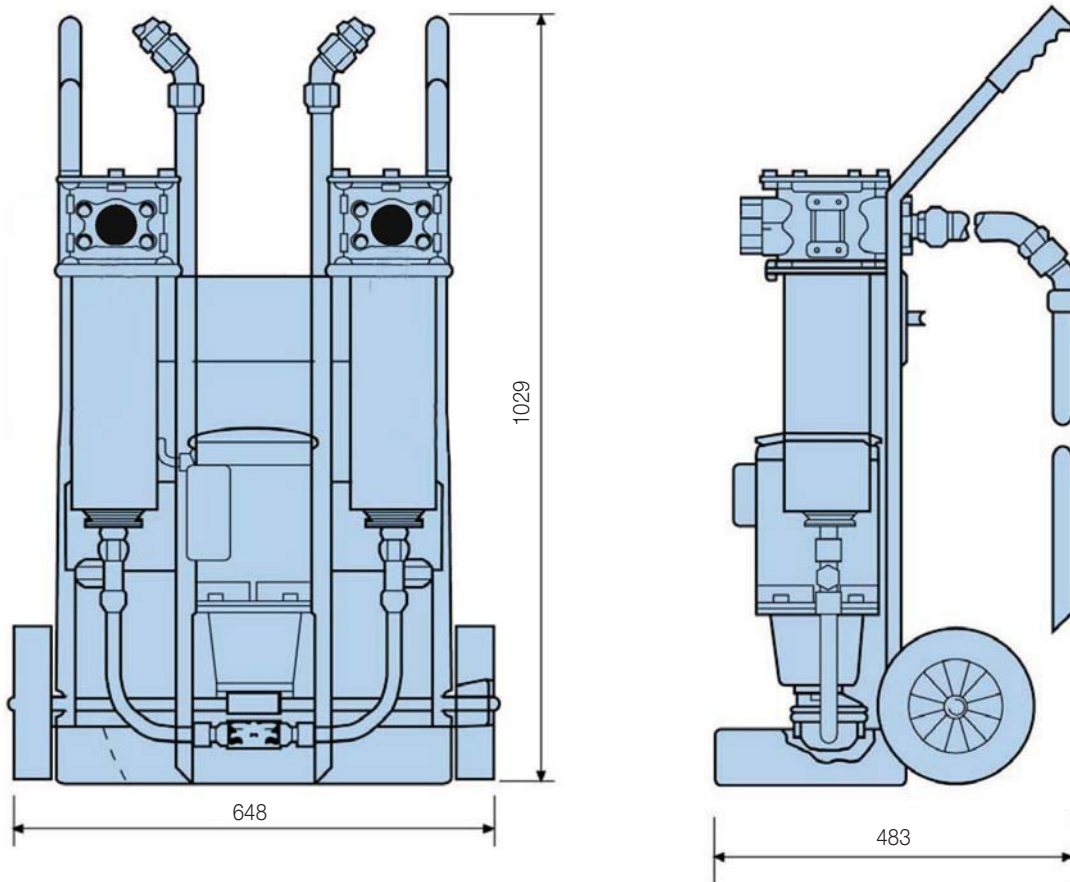
220/240 VAC.

110 VAC.

Operating temperatures:

-40°C to 66°C Nitrile.

Installation Details



10MF Series

Ordering Information

Standard products table

Part number	Supersedes	Model (fluorocarbon)	Motor option	Inlet element (924448)	Outlet element (924453Q)	Options	Plug type	Replacement elements	
								Inlet	Outlet
10MF140SA10Q1UK	10MF-1-40SA-10Q-1-UK	10MF	1	40SA	10Q	1	UK	924448	924453Q
10MF140SA10Q1EUR	10MF-1-40SA-10Q-1-EUR	10MF	1	40SA	10Q	1	EUR	924448	924453Q
10MF240SA10Q1IND	10MF-2-40SA-10Q-1-IND	10MF	2	40SA	10Q	1	IND	924448	924453Q

Product configurator

Model (fluorocarbon)	Motor options		Inlet element options (µ)		Outlet element options (µ)		Options		Plug type	
	10MF	1	220/240 VAC	40SA	Synthetic	10Q	Microglass III	1	None	UK
2		* 110 VAC	40W	Stainless steel mesh	02Q	Microglass III	3	Magnet pack	EUR	Moulded 2 pin
			20Q	Stainless steel mesh	05Q	Microglass III			IND*	3 pin industrial
			74W	Stainless steel mesh	20Q	Microglass III				
				WR	Par->Gel water removal					

Replacement elements

10MF replacement inlet elements		
Nitrile seals		
Part number	Micron rating	Media type
924448	40	Synthetic
933742Q	20	Microglass III
924455	40	Stainless steel
924456	74	Stainless steel
Fluorocarbon seals		
933743Q	20	Microglass III
925042	40	Stainless steel
925035	40	Synthetic
925043	74	Stainless steel

10MF replacement outlet elements		
Nitrile seals		
Part number	Micron rating	Media type
924453Q	10	Microglass III
933068Q	2	Microglass III
924452Q	5	Microglass III
933742Q	20	Microglass III
927584	WR	Water removal
Fluorocarbon seals		
933069Q	2	Microglass III
925039Q	5	Microglass III
925040Q	10	Microglass III
933743Q	20	Microglass III
928908	WR	Water removal

Note 1: Part numbers featured with bold highlighted codes will ensure a 'standard' product selection.
 Note 2: Alternate displayed part number selection will require you to contact Parker Filtration for availability.