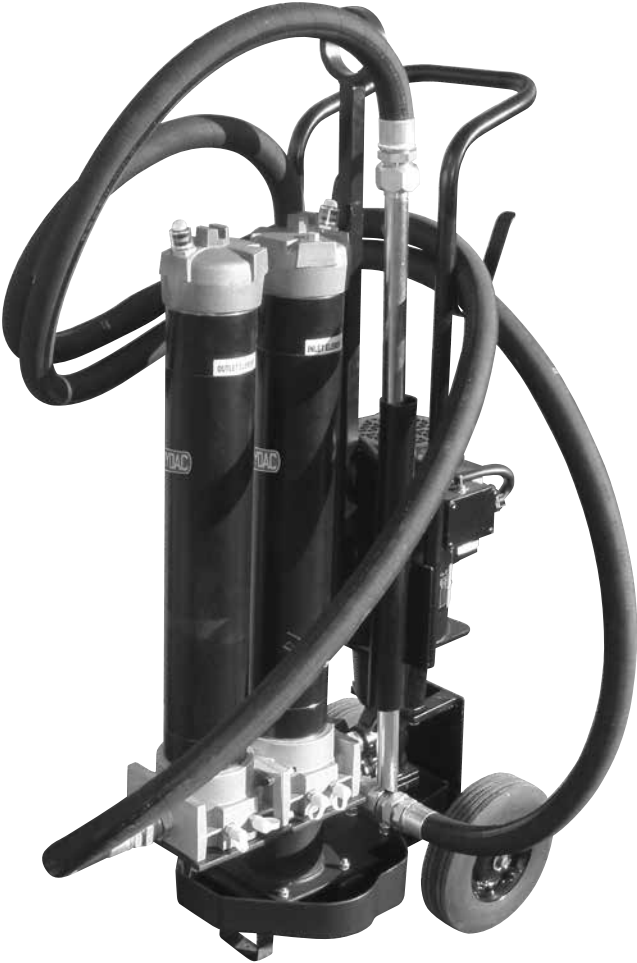


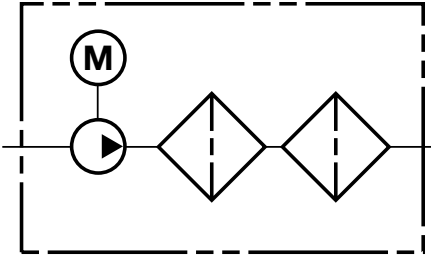
OFFLINE FILTRATION SYSTEMS

OFCD-HV Series

Compact Dual Stage Filtration System for High Viscosity



Hydraulic Schematic



Description

A portable filtration cart that offers the user the ability to filter high viscosity fluids.

The OFCD-HV is a compact, self-contained filtration system equipped with high efficiency, high capacity elements capable of removing particulate contamination and/or water quickly, conveniently and economically. It is perfect for cleaning up existing systems as well as for prefiltering new fluids, since new fluids often have contamination levels significantly higher than that recommended for most hydraulic systems.

The OFCD-HV dual filtration unit can be used to remove both water and particulate contamination or for staged particulate contamination removal. Additional features include a modular base that eliminates hoses and fittings between components, a drip pan and easier element servicing.

Technical Specifications

Flow Rating	Maximum 3 gpm (11.4 lpm)
Maximum Viscosity	15,000 SUS (3236 cSt)
Hose Pressure Rating	30 psig (2.0 bar) @ 150°F (65°C) Full vacuum @ 150°F (65°C)
Maximum Operating Temperature	-20° to 150°F (-29° to 65°C)
Bypass Valve Setting	Cracking: 40 psi (2.8 bar)
Material	Manifold and Cap: Cast Aluminum Element case: Steel
Compatibility	All petroleum based hydraulic fluid. Contact factory for use with other fluids
Motor	115V AC Single phase, 1.5 HP

Features

- An integrated lifting eye option for lifting the OFCD-HV
- Ability to filter fluids having a viscosity up to 15,000 SUS
- Base-ported filter provides easy element service from the top cap
- Ten-foot hose and extension tubes included
- Dip pan catches oil before it falls to the ground

Applications

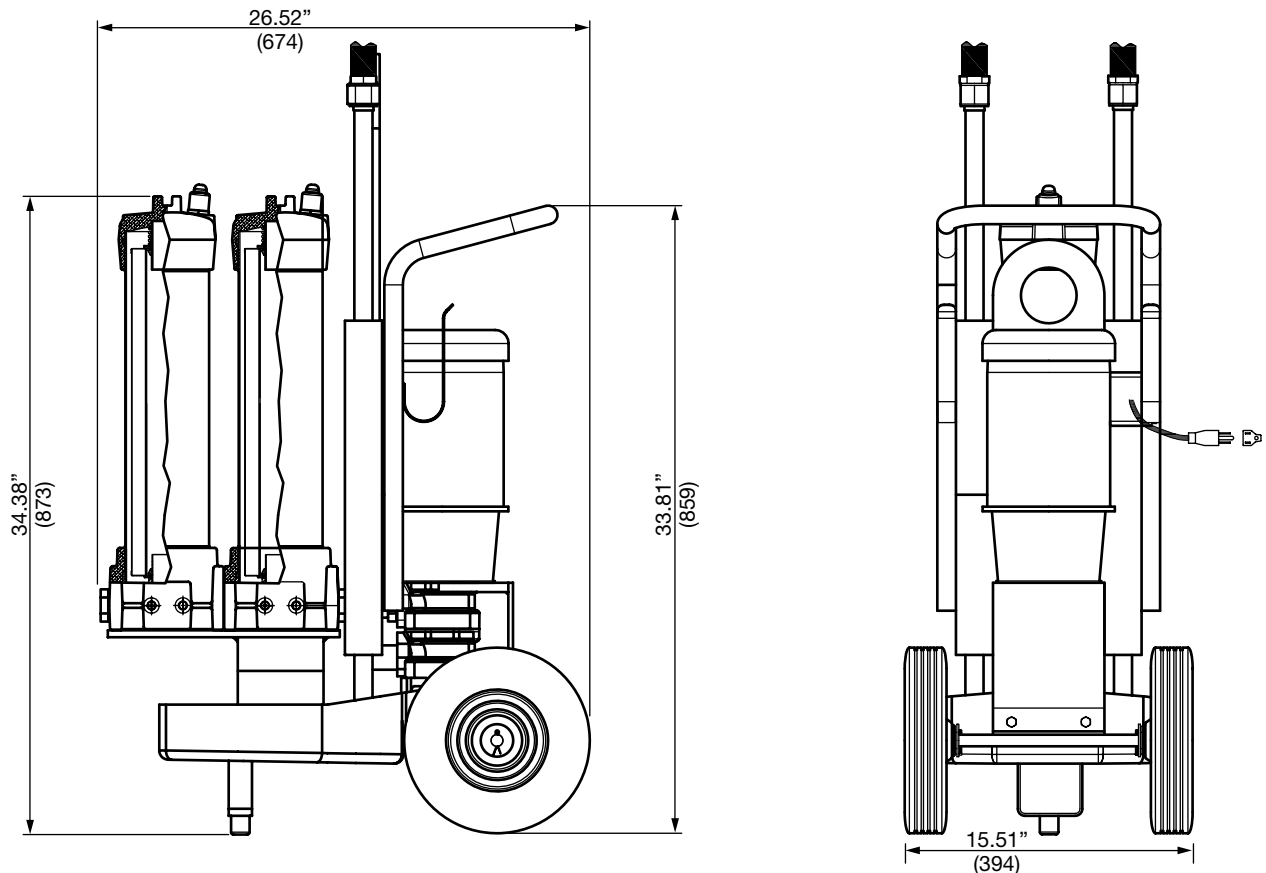
- Cleaning high viscosity fluids used in wind applications
- Supplementing continuous filtration by the system's filters
- Cleaning up a hydraulic system following component replacement
- Filtering new fluid before it is put into service
- Transferring fluid from storage tanks and drums to system reservoirs

Model Code

		OFCD-HV - 27 - BN 10 - BN 10 - B - 3									
Series											
OFCD-HV		= Dual Filter System									
Element Length											
18		= One 18" element supplied per housing									
27		= One 27" elements supplied per housing									
Filter Media											
BN		= Betamicon® Low Collapse									
AM*		= Aquamicon® Water Removal									
G		= Betamicon GeoSeal®									
Filtration Rating		(BN only - AM has no rating) (microns)									
3		Betamicon® (BN/HC) Absolute Filtration Rating (β _{x(c)} ≥ 1000)									
5											
10											
20											
Filter Media											
BN		= Betamicon® Low Collapse									
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Filtration Rating		(BN only - AM has no rating) (microns)									
3		Betamicon® (BN/HC) Absolute Filtration Rating (β _{x(c)} ≥ 1000)									
5											
10											
20											
Seals											
B		= Buna N									
V		= FPM									
Pump Size											
3		= 3 gpm flow rate									

*Aquamicon media should be in the first filter housing followed by the BN media in the second housing.
For replacement element part numbers, please see Section E - REPLACEMENT ELEMENTS of this catalog.

Dimensions



Dimensions are for general information only, all critical dimensions should be verified by requesting a certified print.