

# OFFLINE FILTRATION SYSTEMS

## OFCD-BC Series

Compact Dual Stage Filtration System Basic Cart



### Description

The HYDAC Basic Cart Mobile Filter System is a compact, self-contained, "light-duty" 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 pre-filtering new fluids, since new fluids often have contamination levels significantly higher than that recommended for most hydraulic systems.

The filtration system's compact, lightweight design with replaceable element cartridge and reusable bowl, minimizes landfill waste. Element service is easily accomplished through the top-ported filter housings. The OFCD-BC includes a drip pan to help catch any oil before it falls to the ground. The dual filter assembly allows for water and particulate removal or staged particulate contamination removal.

### Features

- Compact size, easily transported
- Top-ported filter provides easy element service
- Bar-type Dirt Alarm® indicates when filter elements require a change
- Hoses and connection tubes included
- Drip pan catches oil before it falls to the ground

### Applications

- Supplementing continuous filtration by system 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

### Technical Specifications

Flow Rating:	10 gpm (37.9- L/min) max
Maximum Viscosity:	1000 SUS (216 cSt)
Hose Pressure Rating:	30 psig (2.0 bar) @ 150°F (65.6°C) Full vacuum @ 150°F (65.6°C)
Fluid Temperature:	25°F to 150°F (-4°C to 65°C)
Bypass Valve Setting:	Cracking: 25 psi (1.7 bar)
Material:	Element Case: Aluminum
Seal Material:	Buna N
Compatibility:	All petroleum based hydraulic fluid. Contact factory for use with other fluids
Motor:	115 VAC Single phase 1 hp
Weight:	102 lbs. (46.3 kg)

### Replacement Elements

Model Code	Part No.
ELEMENT OFCDBC 003	02099361
ELEMENT OFCDBC 005	02099362
ELEMENT OFCDBC 010	02099363
ELEMENT OFCDBC 020	02099364
ELEMENT OFCDBC AM	02099365

## Model Code

**OFCD-BC - 1 - 09 MX10 - MX05 - B - 10**

**Series** \_\_\_\_\_

OFCD-BC = Compact Dual Stage Filter System Basic Cart

**Number of Elements** \_\_\_\_\_

1 = One 9" element per housing

**Element Length** \_\_\_\_\_

09 = One 9" element supplied per housing

**Element Size** (BN only - AM has no rating) (microns) \_\_\_\_\_

MX03, MX05, MX10, MX20 = Betamicon® Absolute Filtration Rating ( $\beta_x(c) \geq 1000$ )

MXAM\* = Aquamicon® Water Removal

**Element Size** (BN only - AM has no rating) (microns) \_\_\_\_\_

MX03, MX05, MX10, MX25 = Betamicon® Absolute Filtration Rating ( $\beta_x(c) \geq 1000$ )

MXAM\* = Aquamicon® Water Removal

**Seals** \_\_\_\_\_

B = Buna

**Pump** \_\_\_\_\_

10 = 10 gpm

**Voltage**

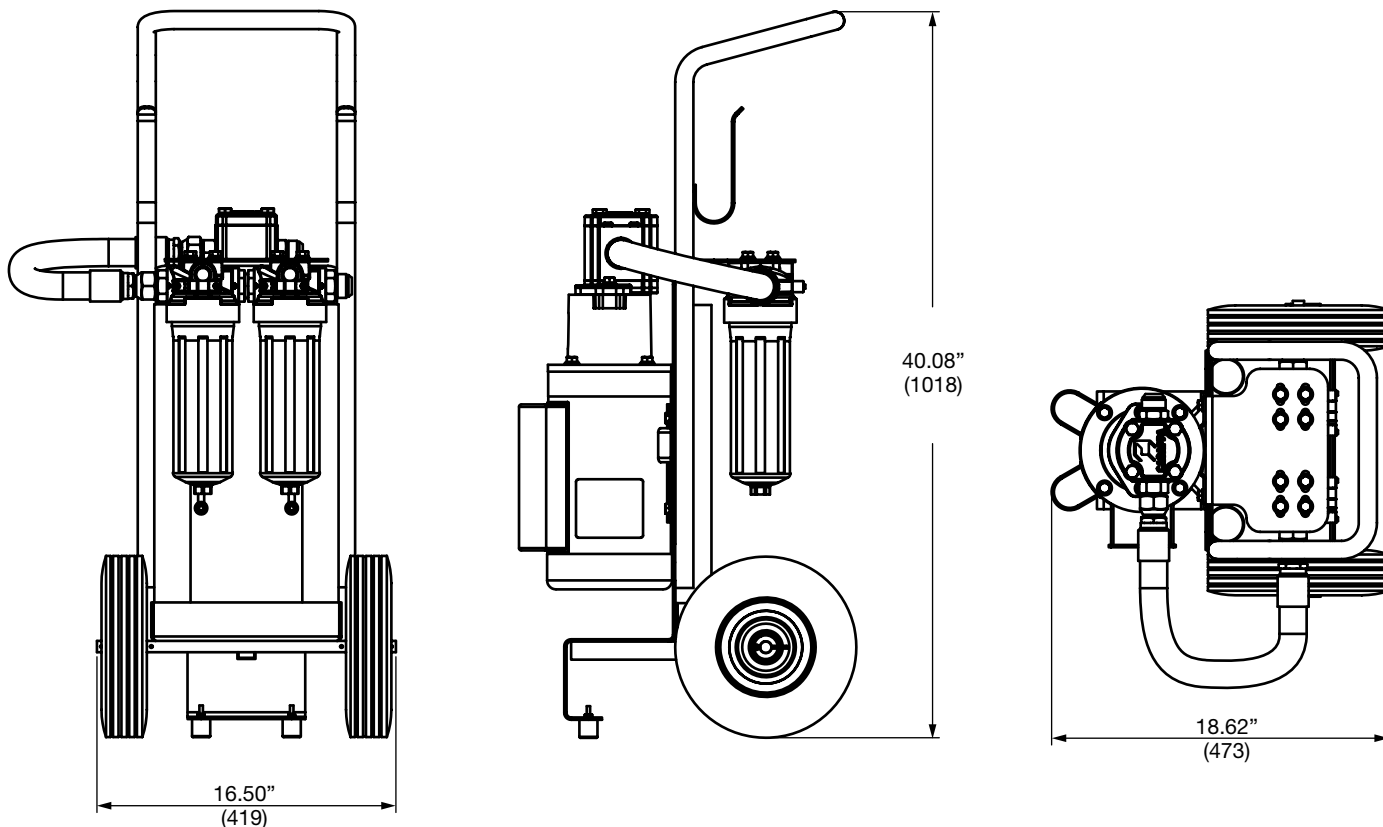
(Omit) = 115 VAC 60 Hz

A = 230 VAC 60 Hz

B = 230 VAC 50 Hz (flow rate reduced to 8gpm; no plug supplied)

\*Aquamicon media should be in the first filter housing followed by the BN media in the second housing.

## Dimensions



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