

# OFFLINE FILTRATION SYSTEMS

## OF7-BC Series

### Compact Filtration System Basic Cart



### Description

The HYDAC Basic Cart 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 optional 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
- Optional BackPack Version available for ease of transport across distances

### 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:          | 4 gpm (15.1 lpm)  |
| Maximum Viscosity:    | 1600 SUS (350 cSt)  |
| Hose Pressure Rating: | 30 psig (2.0 bar) @ 150°F (65.6°C)<br>Full vacuum @ 150°F (65.6°C)  |
| Fluid Temperature:    | 25°F to 150°F (-4°C to 65°C)  |
| Material:             | Element Case: Aluminum  |
| Seal Material:        | Buna N  |
| Compatibility:        | All petroleum based hydraulic fluid.<br>Contact factory for use with other fluids                             |
| Motor:                | 115 VAC Single phase 0.25 hp  |
| Weight:               | Single housing - 40 lbs (18.2 kg)<br>Dual housing - 44 lbs (20 kg)<br>(Does not include weight of hose/wands) |

### 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 |

