

# FILTRATION UNIT CARDEV

CARDEV  
ONSHORE  
OFFLINE FILTRATION SYSTEM



## Description

**This filtration unit from Cardev is simple to install and use on multiple systems. Filter Unit is for onshore use only. The system is fitted with dedicated connection point to allow easy use of an Oil Sampler.**

2x Cardev filters to increase effectivity and cleanliness. 1x Cardev filter is also available upon request.

Oil cleanliness maintained at “better than new” levels. Up to 99.9% water removed. The 2x Cardev system is capable of operating systems up to 1000 litres.

## Typical Operations

- ▣ Power generation
- ▣ Oil maintains of ROV on deck.
- ▣ LARS
- ▣ Winches
- ▣ Cranes
- ▣ TMS
- ▣ HPU

## Features

- ▣ Simple to install
- ▣ Over-pressure protection
- ▣ Pressure Gauge
- ▣ Integrated Oil Sample points
- ▣ Progressive cavity pump set
- ▣ Mineral Oil
- ▣ Water / Glykol

# Specifications

## Filtration Unit Cardev

### Description

|                      |                          |
|----------------------|--------------------------|
| Type                 | Filtration Unit          |
| Part Number          | FU-xx                    |
| Dimensions L x W x H | 547 mm x 285 mm x 576 mm |
| Weight               | 44 kg                    |

### Technical Specifications

|                    |                          |
|--------------------|--------------------------|
| Max Operating Temp | 60°C                     |
| IP Rating          | IP55                     |
| Flow Rate          | 220 l/h                  |
| Voltage            | 110V / 230V              |
| Current Draw       | ≤ 2,68 Amps / ≤ 1,6 Amps |

### Connections

|             |                                |
|-------------|--------------------------------|
| Inlet Port  | ½ Quick Connection male (BG 3) |
| Outlet Port | ½ Quick Connection male (BG 3) |

### Performance Example

Oil Type: ISO VG 46 HLP @ 40°C

|                    |       |
|--------------------|-------|
| 100 Litres System  | 2 hr  |
| 250 Litres System  | 5 hr  |
| 500 Litres System  | 10 hr |
| 1000 Litres System | 20 hr |