

## Honeywell Filtration Unit

Product Code: LOC-FP-1

### Description

The Honeywell compressed air filtration unit has been designed to deliver high quality breathable air to a range of respiratory devices. Compressed air factory network contain particles and traces of oil and water, Honeywell filtration unit removes these through its coalescing filter. Where the removal of oil vapor and odor is necessary, the use of a carbon absorber filter is required. The Honeywell filtration unit can supply breathable air for up to two operators using supplied air respirators, or up to two operators using respirators in combination with auxiliary tools such as hand held paint spraying equipment.

### Applications (Depending on the face-piece used with it)

#### Typical usage

- Handling or maintenance in an Oil & Gas industry environment.
- Handling or maintenance in a Chemical industry environment.
- Painting or varnishing in an automotive industry.
- Work close to viruses or bacteria inside a laboratory.



## BENEFITS

- High filtration capacity due to high flow system, high efficiency coalescing filter and high capacity carbon filters.
- New one-piece compact design which is easy to install, use and maintain.
- Provides additional safety due to a differential pressure indicator.
- Can be used for up to 2 workers.
- Fully automatic drainage system for coalescing filter.
- To avoid unauthorized pressure regulator access; lotto lock provision.

### Characteristics

#### Material

- Aluminum housing
- NBR sealing
- Filters are free of copper and PTFE
- Supply with quick release coupling
- Both filters and pressure regulators conform to RoHS

### Technical Information

#### Coalescing filter

Replace the filter when the color changes.

#### Filtration

99, 99% to 0, 01 micron.

#### Air flow

1500 l/min maximum.

#### Display

4.3" WVGA (480 x 800), super bright.

# Honeywell Filtration Unit Technical Specifications

**Storage conditions: -10- 60 °C**

**Portable Version**

**Net Weight**

3.20 kg

**Product dimensions**

32,3 x 31,3 x 10 cm

**Packaging dimensions**

46 x 45 x 48 cm

(Individually packed)

**Working air pressure**

1-8 Bar Operation:

Can be used by a maximum of 2 operators with a respiratory face piece or a respiratory face mask and pneumatic tools.

## Standards

- Filtration unit systems are not subject to the PPE directive.
- Filters are in compliance with ISO 8573-1 (Compressed Air - Part 1: Pollutants and purity classes)

## User's instructions for installation

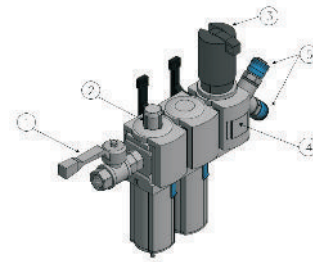
### Wall-Mounted system

Attach the wall-mounting brackets on a flat wall near the work station.

- Keep enough space under the unit filtration to allow for removal of the covers and for easy filter replacement (50 cm).
- Connect the compressed air from factory to the isolation Valve (1) with a male 1/2" BSP.
- Connect the respirator provided to the output (5) with only a Honeywell breathing hose.

### Controls before use

- Put unit inlet valve in closed condition before connecting to compressor line
- Slowly open the air inlet valve (1) to prevent air surges. Otherwise it could cause incorrect indications on the Clogging indicator (2).
- The air pressure in the system is indicated by the pressure Gauge (4) and can be adjusted using the valve regulator (3).



- When the air pressure is satisfactory, push the regulator knob down to lock setting.
- The pressure must be adjusted taking into account the user manual of the respiratory equipment used up to 8 bar (102psi).
- Connect one end of the drain hose to drain outlet in unit 1 (Coalescing unit) and another end to proper channel for drain.

### Cleaning

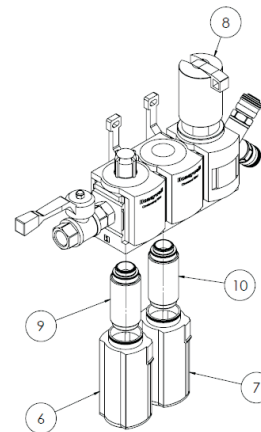
The compressor must be inspected and the filter housing must be purged regularly.

### Limitations of use

Honeywell filtration unit filter systems do not remove CO or CO2.

### Disposal

Filters must be disposed in accordance with the local waste disposal regulations.



## Maintenance

For details please refer to the user manual.

BALLOON NO.	PART NO.	DESCRIPTION
6	L527670	Coalescing filter housing
7	L529681	Activated carbon filter housing
8	L529993	Regulator with pressure indicator
9	L532909	Coalescing filter cartridge
10	L532911	Activated carbon filter cartridge



**SUCCESS UDYOG PVT. LTD.**

Registered Office: Office No. 315/316, 3rd floor, City Space, Sr.No.198/1A, Pune Nagar Road, Pune 411014, Maharashtra

Godown : Jadhav warehousing, Gat no. 1338/1, Priyankanagari, Wagholi, Pune – 411207

Off. Tel: 020-40188288/216/244/221-228, Cell-9371919702/9370223873 Fax: 020-40188227/299

Email: [sales@successudyog.com](mailto:sales@successudyog.com) Web: [www.successudyog.com](http://www.successudyog.com)

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