# HIFLO
## WATER/OIL SEPARATORS




### General features and benefits

**TOPRING HIFLO** water/oil separators efficiently treat oils and other condensate contaminants from the compressed air system for safe and legal disposal in the drain.

They separate any type of condensate discharged from a drain and reduce condensate disposal costs. It is easy to select a water/oil separator model based on the applications airflow requirements (SCFM).

### PERFORMANT FILTRATION MEDIA



- Non-carbon based filtration media that attracts oil droplets and repels water
- Clean, lightweight and easy to handle
- Long filtration media service life for lower life cycle costs
- Lower outlet oil concentrations in water down to 5 ppmv or less even with synthetic compressor oils
- Environmentally friendly with 100% recycled and recyclable filtration media

### EASY MAINTENANCE




- Service indicator to ensure periodical replacement of the filters
- No settling or collection tanks to be purged and cleaned
- Removable cover for easy access of internal components

**The maintenance indicator ensures a quick replacement of the filter elements**

| Product No | Expected duration of the filter element |
|---|---|
| 57.500 | 8 000 hr at 30 SCFM<br>5 000 hr at 60 SCFM |
| 57.502 to 57.512 | 5 000 hr at 120 / 2 500 SCFM |

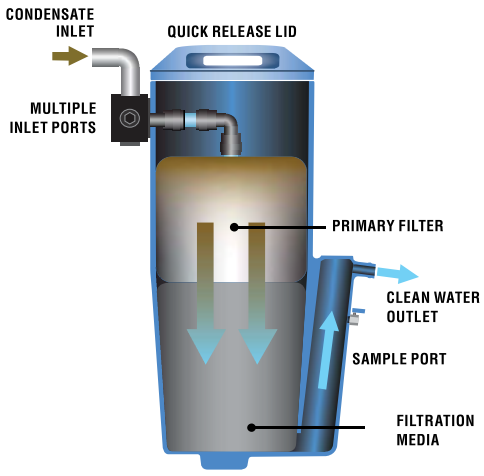
### EASY INSTALLATION



- The filters are ready to use, requiring no pre-soaking
- Space saving and smaller footprint for easier installation
- Wall mounting kits available

### How does it work ?

As the condensate passes through the primary filter, it is depressurized. The solid particles are then trapped, protecting the secondary filter and catching bulk hydrocarbons in a high capacity oil absorber. The condensate then passes through the filtration media which absorbs oil (concentrations of 5 ppm or less).



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With an advanced polypropylene filter, it can separate any type of condensate containing any type of compressor lubricant discharged from any type of drain, without the need for a settling or storage tank.

A cost effective and reliable solution that meet environmental regulations for condensate disposal.

### Features and benefits

- Highest performance and low operating cost
- Reliable, lightweight, clean, dust-free
- Easy to handle, install and remove
- No pre-soaking required saving installation and maintenance costs
- High quality single piece molded body
- Multiple inlet connections for multiple purge points

### Applications

**Perfect for installations with:**

- Portable applications for restricted floor space
- Any type of oil compressor
- Emulsified mixtures
- Any type of drain
- EPA landfill regulations
- Low cost operations

### Material

Polyethylene

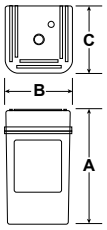
### Specifications

**Inlet condensate temperature range:** 1.7 to 43 °C

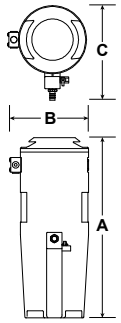
**Maximum condensat inlet pressure:** 232 PSI

**Typical oil carry over at the outlet after adsorption:** 5 ppm

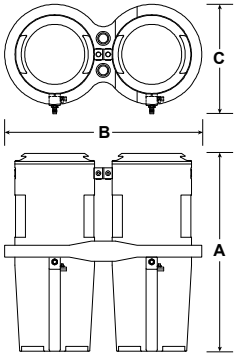



57.500




57.502 to 57.508




57.510 to 57.512

| Product No | Inlet(s) NPT | Outlet NPT | Maximum Flow * SCFM | Maximum Flow ** SCFM | Dimensions cm | | | Weight kg | Wall mounting bracket | Replacement media kit |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | A | B | C | | Product No | |
| **57.500** | 1/4 O.D. | 3/8 O.D. | 60 | 30 | 22.86 | 12.70 | 12.70 | 1.3 | Included | --- |
| **57.502** | 1/2 (x 4) | 3/4 | 120 | 60 | 48.26 | 20.32 | 25.40 | 2.7 | **57.542** | **57.522** |
| **57.504** | 1/2 (x 4) | 3/4 | 360 | 180 | 63.52 | 33.02 | 27.94 | 3.6 | **57.544** | **57.524** |
| **57.506** | 1/2 (x 4) | 3/4 | 900 | 450 | 96.52 | 43.18 | 48.26 | 15 | --- | **57.526** |
| **57.508** | 1/2 (x 4) | 3/4 | 1250 | 625 | 96.52 | 48.26 | 48.26 | 20 | --- | **57.528** |
| **57.510** | 1/2 (x 8) | 3/4 | 1800 | 900 | 96.52 | 96.52 | 50.80 | 31 | --- | **57.530** |
| **57.512** | 1/2 (x 8) | 3/4 | 2500 | 1250 | 96.52 | 109.22 | 53.34 | 43 | --- | **57.532** |

* Choice based on a compressor using mineral or synthetic oil with an oil residue adsorption capacity of 5 mg/m$^3$ or less

** Choice based on a compressor using polyglycol

### INSTALLATION TIP

Please refer to Series 47 to see the aluminium manifold bars required for water/oil separator installation