

# Discharge Oil Mist Filters

## HDL Series 1" - 2 1/2"

### Benefits

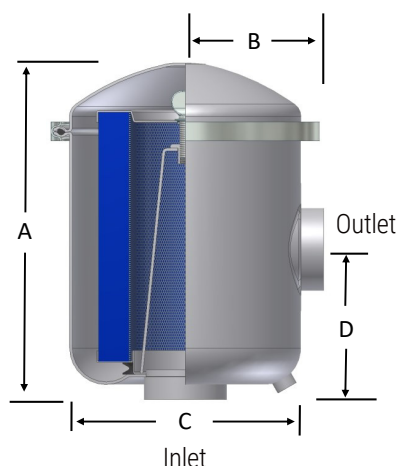
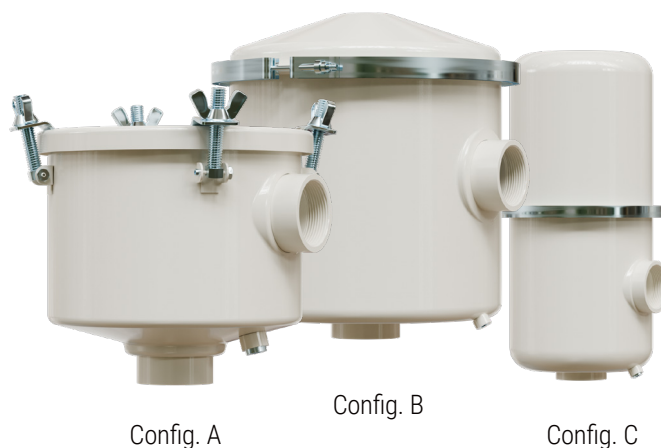
- Easy field maintenance
- Pleated filter element provides increased surface area for low back pressure separation of ultra-fine oil mists
- Waste oil can be recycled

### Features

- Captures oil fog, mist or aerosol from exhaust of oil sealed vacuum pumps
- Seamless drawn housings
- O-ring sealed housings
- Corrosive resistant white powder coat carbon steel
- Discharge baffle
- 1/4" NPSC for external drain

### Technical Specifications

- 0.3 micron media; 99.97% efficiency
- Continuous operating temp: 20°C (68°F) up to 80°C (180°F)
- Mounted vertically
- Pressure rating: 0.35 bar



| Inlet / Outlet |      | Assembly<br>m <sup>3</sup> /hr<br>Rating | Housing<br>Config. | Assembly Part<br>Number | Dimensions<br>(mm) |     |     |     | Suggested<br>Service Height<br>(mm) | Approx.<br>Weight<br>(kg) |
|----------------|------|------------------------------------------|--------------------|-------------------------|--------------------|-----|-----|-----|-------------------------------------|---------------------------|
| Size           | Type |                                          |                    |                         | A                  | B   | C   | D   |                                     |                           |
| 1"             | BSPP | 68                                       | A                  | HDL-PSG848-101HC        | 193                | 105 | 187 | 108 | 127                                 | 2                         |
| 1 1/4"         | BSPP | 85                                       | A                  | HDL-PSG848-126HC        | 193                | 105 | 187 | 108 | 127                                 | 2                         |
| 1 1/2"         | BSPP | 85                                       | A                  | HDL-PSG848-151HC        | 194                | 105 | 187 | 108 | 127                                 | 2                         |
| 2"             | BSPP | 213                                      | B                  | HDL-PSG850/1-201HC      | 286                | 117 | 227 | 127 | 229                                 | 7                         |
| 2"             | BSPP | 298                                      | C                  | HDL-PSG860/1-201HC      | 443                | 117 | 227 | 127 | 381                                 | 14                        |
| 2 1/2"         | BSPP | 425                                      | B                  | HDL-PSG244/2-251HC      | 408                | 224 | 346 | 222 | 254                                 | 16                        |

Note: 2 1/2" housing has 1/4" NPSC taps standard on inlet and outlet.

### Learn More

For more information about Solberg products and finding the right solutions for your equipment needs, visit us at **SolbergMfg.com**.

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