

by Gardner Denver

Oil/Water Separators

Efficient on-site disposal of compressed air condensate



It makes financial sense to separate the oil from condensate prior to disposal.

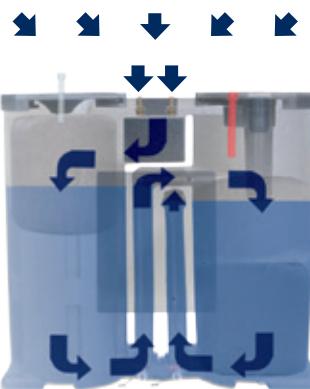


Save money and operate responsibly

Environmental regulations strictly prohibit the discharge of oily wastes and chemicals, including the condensate drained from a compressed air system. This mixture of oil and water is classified as hazardous industrial waste, and the discharge of untreated compressor condensate into foul sewers is prohibited.

Compressor condensate must be either collected or treated prior to disposal, using an oil/water separator to remove the oil from the condensate. Considering that compressor condensate consists of approximately 95% water, it makes financial sense to separate the oil from the condensate prior to the disposing of waste. Untreated condensate disposal is costly as it is charged by volume.

Every end-user that operates a compressed air system should have a (condensate) waste management program (ISO 14000) in place, not only to abide by laws and regulations but also to practice environmental and ecological responsibility. CompAir CSEP Oil/Water Separators are a reliable, efficient, cost effective and environmentally friendly solution.



Compressed air condensate separation

The premium range of oil/water separators from CompAir separates oil from the condensate generated by compressed air systems, using three stages of treatment to separate difficult condensate. Utilising a specially treated adsorbent, polypropylene media, the CompAir Oil-/Water Separators effectively separate all compressor lubricants without the need for condensate storage tanks, settling chambers or costly disposal.

Easy to install & maintain

- ▶ Flexible sizing options
- ▶ Suitable for all types of condensate drain
- ▶ No settling chamber or storage tank required
- ▶ Visual service indicator
- ▶ Light and easy element replacement
- ▶ Quick sectional draining through large 1" output
- ▶ Optimum performance through three-stage treatment combining two polypropylene elements and carbon polisher
- ▶ Brass threaded inserts and adaptors for secure threaded, or tubing connections
- ▶ Sample bottle and test drain for output testing/measuring
- ▶ Small footprint



What else is included...

- ✓ The primary, secondary and carbon polisher media bags
- ✓ A sample bottle and sample port for water quality testing to ensure compliance with local environmental regulations
- ✓ A step-by-step instruction manual for installation and operation

Accessories

- 3-way adapter (connection of up to 3 units)
- Condensate test kit
- Multi-inlet adapter 3 x G1/2

Technical Data

| Model | FAD [m³/min] | Inlet Connection [inch] | Outlet Connection [inch] | Dimensions [mm] | | | Weight [kg] | Service Kits |
|---------|-----------------|----------------------------|-----------------------------|-----------------|-----|------|----------------|-----------------|
| CSEP020 | 2 | 1/2 | 1/2 | 255 | 230 | 239 | 3.2 | SEP020 |
| CSEP035 | 3.5 | 1/2 | 1/2 | 395 | 210 | 385 | 8 | SEP035 |
| CSEP050 | 5 | 1/2 | 1 | 580 | 190 | 610 | 11.1 | SEP050 |
| CSEP100 | 10 | 1/2 | 1 | 650 | 240 | 750 | 17.6 | SEP100 |
| CSEP200 | 20 | 1/2 | 1 | 780 | 305 | 900 | 31.6 | SEP200 |
| CSEP300 | 30 | 1/2 | 1 | 970 | 380 | 900 | 47.5 | SEP300 |
| CSEP600 | 60 | 1/2 | 1 | 1160 | 580 | 1040 | 74 | SEP600 |

