

# CPP 15-3125

## Condensate Treatment Systems

### Cleaner condensate treatment

Every compressor generates condensate. With oil-lubricated compressors, this condensate consists of an oil-water emulsion, which must be treated to prevent the oil from getting into the sewage system. The new CPP 15-3125 takes care of this job safely and effectively. It offers more complete oil separation and disposal, is much easier to use and is less messy to maintain than traditional oil-water separators.

### CPP 15-3125: Easy handling & better filtration

The low-maintenance and supremely easy-to-service cartridges of the new CPP 15-3125 take the hassle out of condensate treatment. They offer more complete filtration as well. A dual-stage treatment ensures improved filtration by also separating stable emulsions, i.e. an oil-water mix that has not naturally separated. As a result, your waste water will meet even the toughest environmental standards.



### How you benefit from the CPP 15-3125

#### Simpler, less messy operation

Innovative cartridges make oil-water separation easier and cleaner

#### Low maintenance

4,000-hour service interval

#### Supreme waste water purity

Waste water achieves high purity with oil content as low as 5 ppm at outlet

#### Improved filtration for a cleaner environment

Also removes oil from stable emulsions

People.  
Passion.  
Performance.



# Raising the bar of oil-water separation

## Innovative and effective dual-stage filtration

First, polypropylene removes the free oil, then the activated carbon/organoclay separates stable emulsions. This more complete filtration ensures your waste water meets even the toughest purity standards and contributes to a clean production.



## User-friendly cartridges

Condensate treatment using conventional oil-water separators can be an arduous and messy process. The easy-to-use cartridges of the CPP 15-3125 make it much simpler and cleaner.



## Technical specifications

| Model           | Max capacity - Mild climate with dryer & filters |       |      | Max capacity - Mild climate without dryer & filters |       |      | Dimensions |           |           |                   |                  |              |
|-----------------|--|-------|------|---|-------|------|------------|-----------|-----------|-------------------|------------------|--------------|
|                 | l/s  | m³/hr | cfm  | l/s   | m³/hr | cfm  | A          | B         | C         | Weight<br>kg (lb) | Connections      |              |
|                 |  |       |      |   |       |      | mm (in)    | mm (in)   | mm (in)   |                   | Condensate inlet | Water outlet |
| <b>CPP 15</b>   | 15   | 54    | 32   | 12  | 43    | 25   | 250 (10)   | 147 (6)   | 216 (9)   | 1.2 (2.6)         | 6mm (1/4")       | 10mm (3/8")  |
| <b>CPP 31</b>   | 31   | 113   | 66   | 25  | 90    | 53   | 250 (10)   | 147 (6)   | 216 (9)   | 1.5 (3.4)         | 6mm (1/4")       | 10mm (3/8")  |
| <b>CPP 63</b>   | 63   | 225   | 132  | 50  | 180   | 106  | 390 (15)   | 278 (11)  | 428 (17)  | 5.8 (12.7)        | 2 x 1/2"         | 1/2"         |
| <b>CPP 106</b>  | 106  | 383   | 225  | 85  | 306   | 180  | 397 (16)   | 286 (11)  | 507 (20)  | 7.7 (16.9)        | 2 x 1/2"         | 1/2"         |
| <b>CPP 213</b>  | 213  | 765   | 450  | 170   | 612   | 360  | 490 (19)   | 396 (16)  | 576 (23)  | 13.1 (28.9)       | 2 x 3/4"         | 3/4"         |
| <b>CPP 375</b>  | 375  | 1350  | 795  | 300   | 1080  | 636  | 583 (23)   | 446 (18)  | 721 (28)  | 25.3 (55.7)       | 2 x 3/4"         | 3/4"         |
| <b>CPP 781</b>  | 781  | 2813  | 1655 | 625   | 2250  | 1324 | 692 (27)   | 568 (22)  | 970 (38)  | 45.1 (99.4)       | 2 x 3/4"         | 3/4"         |
| <b>CPP 1563</b> | 1563   | 5625  | 3311 | 1250  | 4499  | 2648 | 975 (38)   | 782 (31)  | 1000 (39) | 86 (189.5)        | 2 x 3/4"         | 3/4"         |
| <b>CPP 3125</b> | 3125   | 11250 | 6621 | 2500  | 8998  | 5296 | 975 (38)   | 1600 (63) | 1000 (39) | 171.9 (379.1)     | 2 x 3/4"         | 3/4"         |

### Correction factors:

|                       |                   |      |      |      |      |      |      |     |
|-----------------------|-------------------|------|------|------|------|------|------|-----|
| Relative humidity     | %                 | 0.5  | 0.6  | 0.7  | 0.8  | 0.9  |      |     |
|                       | Correction factor | 1.10 | 1.00 | 0.85 | 0.74 | 0.66 |      |     |
| Ambient temperature   | °C                | 15   | 20   | 25   | 30   | 35   | 40   |     |
|                       | Correction factor | 1.33 | 1.17 | 1.00 | 0.76 | 0.50 | 0.30 |     |
| Running hours per day | hrs               | 12   | 14   | 16   | 18   | 20   | 22   | 24  |
|                       | Correction factor | 1    | 0.86 | 0.75 | 0.67 | 0.6  | 0.55 | 0.5 |

### Reference conditions:

Relative air humidity: 60%  
 Air inlet temperature: 25°C (77°F)  
 Running hours per day: 12 hrs  
 Effective working pressure: 7 bar (102 psi)

### Available options

- Overflow indicator
- Manifold for multiple condensate inlet
- Wall mount kit

Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.