

# ► D-ES 54-11250

## CONDENSATE TREATMENT SYSTEMS

### EASY HANDLING & EXCELLENT FILTRATION

- **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



### OPTIONS

- Overflow indicator
- Manifold for multiple condensate inlet
- Wall mounting kit
- Spill Container

### TECHNICAL SPECIFICATIONS

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

Sizes above are available with Activated Carbon or Organoclay. Selection to be done based on each application.

#### 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)

#### 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 |