

Drytec water separators have been designed for the removal of bulk liquid water and particulate from compressed air and gases. Unique centrifugal action removes contaminants at low-pressure drop for maximum energy saving.

Drytec water separators are available from 1/4"-3" pipe sizes and for flows up to 2200 m³/h (1294 cfm).

Note: While highly efficient, condensate separators will not remove 100% of the oil from the air stream. Additional coalescing and particulate filters downstream may be required to remove the fine traces of oil, water and particles.

Note: Automatic drain valves are fitted as standard. All separator bodies are coated with electrostatic powder paint finish both inside and out.

Correction Factor

For maximum flow rate, multiply model flow rate show in the above table by the correction factor corresponding to the working pressure.

| Operating Pressure (bar) | Psi | Correction Factor |
|--------------------------|-----|-------------------|
| 1 | 15 | 0.5 |
| 3 | 44 | 0.71 |
| 5 | 73 | 0.87 |
| 7 | 100 | 1 |
| 9 | 131 | 1.12 |
| 11 | 160 | 1.22 |
| 13 | 189 | 1.32 |
| 15 | 218 | 1.44 |
| 16 | 247 | 1.57 |

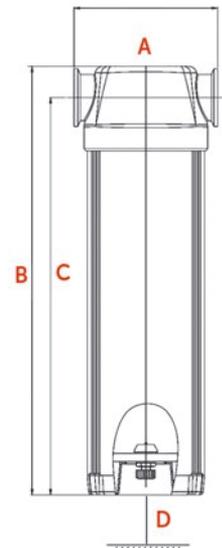


Technical Specifications

For maximum flow rate, multiply model flow rate show in the above table by the correction factor corresponding to the working pressure.

| Model | Connection Size | Flow Rate | | Housing Dimensions (mm) | | | |
|---------|-----------------|---------------------|-------|-------------------------|-------|-----|-----|
| | | (m ³ /h) | (cfm) | A | B | C | D |
| G25WS | 1/4" | 25 | 14 | 103 | 257.5 | 236 | 160 |
| G100WS | 1/2" | 100 | 58 | 103 | 257.5 | 236 | 210 |
| G200WS | 3/4" | 200 | 117 | 123 | 304 | 277 | 285 |
| G300WS | 1" | 300 | 176 | 123 | 304 | 277 | 380 |
| G600WS | 1 1/2" | 600 | 353 | 123 | 320 | 285 | 470 |
| G1200WS | 2" | 1200 | 706 | 160 | 484 | 443 | 560 |
| G2200WS | 3" | 2200 | 1294 | 193 | 546 | 490 | 610 |

| Max. Recommended Operating Temperature | Min. Recommended Operating Temperature | Typical Pressure Loss at Rated Flow | Max. Working Pressure |
|--|--|-------------------------------------|-----------------------|
| 80°C | 1.5°C | 50 mbar | 16 bar |



FLANGED COMPRESSED WATER SEPARATORS

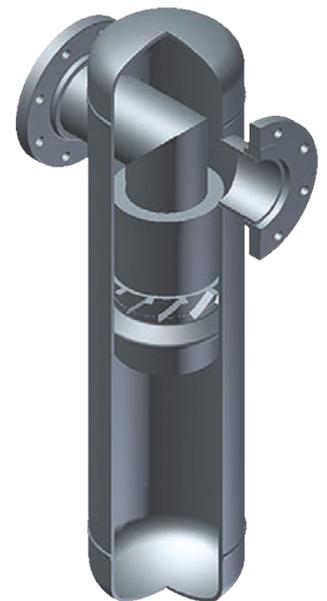
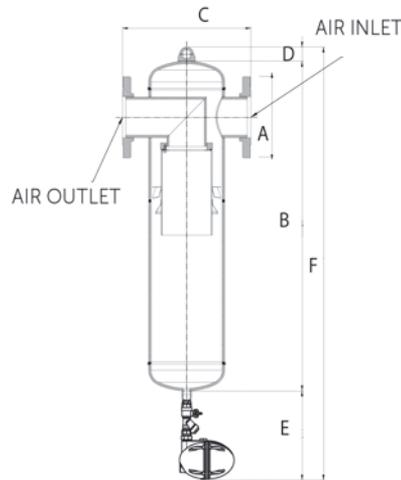
Drytec flanged water separators have been designed for the removal of bulk liquid water and particulate from compressed air and gases. Unique centrifugal action removes contaminants at low-pressure drop for maximum energy savings. Drytec flanged water separators are available from DN80-DN200 flange sizes and flows up to 14000 m³/h (8236 cfm) **(For larger sizes please contact our sales team).**

Note: While highly efficient, condensate separators will not remove all of the oil from the air stream. Additional coalescing and particulate filters downstream may be required to remove the fine traces of oil, water and particles.

Correction Factor

For maximum flow rates, multiply model flow rate show in the above table by the correction factor corresponding to the working pressure.

| Operating Pressure (bar) | PSI | Correction Factor |
|--------------------------|-----|-------------------|
| 1 | 15 | 0.5 |
| 3 | 44 | 0.71 |
| 5 | 73 | 0.87 |
| 7 | 100 | 1 |
| 9 | 131 | 1.12 |
| 11 | 160 | 1.22 |
| 13 | 189 | 1.32 |
| 14 | 200 | 1.38 |



| Max. Recommended Operating Temperature | Min. Recommended Operating Temperature | Typical Pressure Loss at Rated Flow | Max. Working Pressure |
|--|--|-------------------------------------|-----------------------|
| 80°C | 15°C | 50 mbar | 14 bar |

Technical Specifications

| Model | Connection Size | Flow Rate | | Housing Dimensions (mm) | | | | | |
|-----------|-----------------|---------------------|--------|-------------------------|------|-----|----|-----|------|
| | | (m ³ /h) | (cfm) | A | B | C | D | E | F |
| F-2500WS | DN80 | 2500 | 1407.5 | 200 | 934 | 450 | 75 | 280 | 1289 |
| F-3200WS | DN100 | 3200 | 1882.3 | 220 | 964 | 450 | 75 | 280 | 1319 |
| F-4300WS | DN100 | 4300 | 2529.4 | 220 | 982 | 530 | 75 | 280 | 1283 |
| F-6500WS | DN150 | 6500 | 3823.5 | 285 | 1092 | 580 | 75 | 280 | 1447 |
| F-8500WS | DN150 | 8500 | 5000 | 285 | 1091 | 650 | 75 | 280 | 1446 |
| F-11000WS | DN200 | 11000 | 6470.5 | 340 | 1168 | 750 | 75 | 280 | 1523 |
| F-14000WS | DN200 | 14000 | 8235.2 | 340 | 1201 | 800 | 75 | 280 | 1556 |