## TECHNICAL DATA

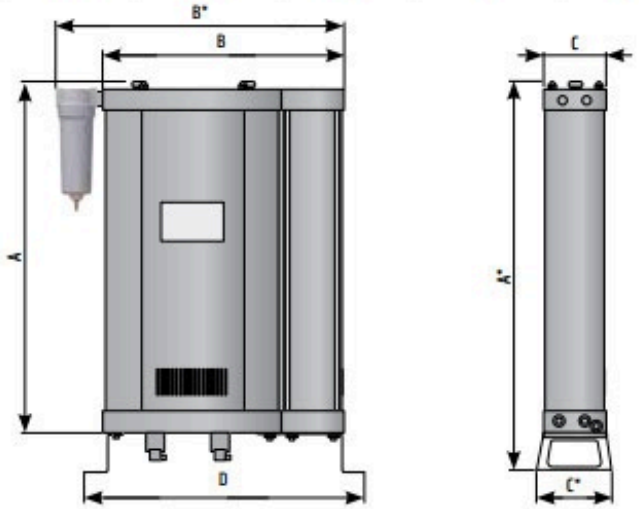
| Type | Connection IN/OUT | Nominal volume flow | | Dimensions | | | | | | | Mass |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Inlet[1] | Outlet[2] | | | | | | | | |
| | " | [Nm³/h] | [Nm³/h] | A [mm] | A* [mm] | B [mm] | B* [mm] | C [mm] | C* [mm] | D [mm] | kg |
| **A-DRY 06 BM** | G 3/8" | 6 | 4,7 | 492 | 520 | 370 | 470 | 100 | 130 | 444 | 15 |
| **A-DRY 12 BM** | G 3/8" | 12 | 9,5 | 687 | 715 | 370 | 470 | 100 | 130 | 444 | 19,3 |
| **A-DRY 24 BM** | G 3/8" | 24 | 19,0 | 1077 | 1105 | 370 | 470 | 100 | 130 | 444 | 27,1 |
| **A-DRY 36 BM** | G 3/8" | 36 | 28,4 | 1467 | 1495 | 370 | 470 | 100 | 130 | 444 | 39,3 |
| **A-DRY 60 BM** | G 3/4" | 60 | 47,4 | 1077 | 1105 | 500 | 615 | 148 | 170 | 573 | 64,3 |
| **A-DRY 75 BM** | G 3/4" | 75 | 59,3 | 1272 | 1300 | 500 | 615 | 148 | 170 | 573 | 75,7 |
| **A-DRY 105 BM** | G 3/4" | 117 | 83 | 1672 | 1700 | 500 | 615 | 148 | 170 | 573 | 100,0 |
| **A-DRY 150 BM** | G 1" | 150 | 118,5 | 1440 | 1440 | 440 | 948 | 198 | 240 | 570 | 234,6 |
| **A-DRY 200 BM** | G 1" | 200 | 158 | 1655 | 1655 | 440 | 948 | 198 | 240 | 570 | 260,3 |

| | |
|---|---|
| Operating pressure range | 4 to 16 bar(g) |
| Operating temperature range | +1,5 °C to +50 °C |
| Pressure dew points | -25 °C / -40 °C / -70 °C |
| Voltage, frequency | 230V, 50/60 Hz |
| Power consumption | <35 W |
| Protection class | IP 65 |
| Filter (inlet)* | super fine; 0,01 µm |
| Filter (outlet) | dust filter; 1 µm |

[1] Refers to 1 bar(a) and 20 °C at 7 bar operating pressure, inlet temperature 35 °C and pressure dew point at outlet -40 °C.

[2] Outlet flow refers to typical assumption during regeneration phase for operating at nominal inlet flow conditions. Outlet flow includes average air losses of approximately 17,3 %.

* If dryer is supplied without inlet filter compressed air class 1 (ISO 8753-1) for solid particles and oil should be provided to the inlet of the dryer.




| CORRECTION FACTORS - F1 | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Operating pressure [bar] | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| Operating pressure [psi] | 58 | 72 | 87 | 100 | 115 | 130 | 145 | 160 | 174 | 189 | 203 | 218 | 232 |
| Correction factor | 0,63 | 0,75 | 0,88 | 1 | 1,13 | 1,25 | 1,38 | 1,50 | 1,63 | 1,75 | 1,88 | 2,00 | 2,13 |

| CORRECTION FACTORS - F2 | | | | | | |
|---|---|---|---|---|---|---|
| Inlet temperature [°C] | 25 | 30 | 35 | 40 | 45 | 50 |
| Correction factor | 1,00 | 1,00 | 1,00 | 0,97 | 0,87 | 0,80 |

| DEW POINT | | | |
|---|---|---|---|
| [°C] | -25 | -40 | -70 |
| $C_p$ | 1,1 | 1 | 0,7 |