

Adsorption dryer

A-DRY series

Nylon

Desiccant adsorption dryer A-DRY has been designed to separate water moisture from compressed air thus reducing the dew point in the system.

A-DRY is a range of products offering our customers a wide array of dried air solutions with volumetric flow rates ranging from 6 Nm³/h to 200 Nm³/h. An innovative new design of desiccant adsorption dryer A-DRY, developed with consideration of our customers, enables fast and reliable installation, use and servicing. Installation is simple with our ready to use controller while minimising the number of parts and motions required for assembly and disassembly makes servicing fast and reliable.

TECHNICAL INFORMATION

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, 50/60Hz

Power consumption:

<35 W

Protection class:

IP 65

Filter (inlet)*:

Supere fine; 0,01

Filter (outlet)*:

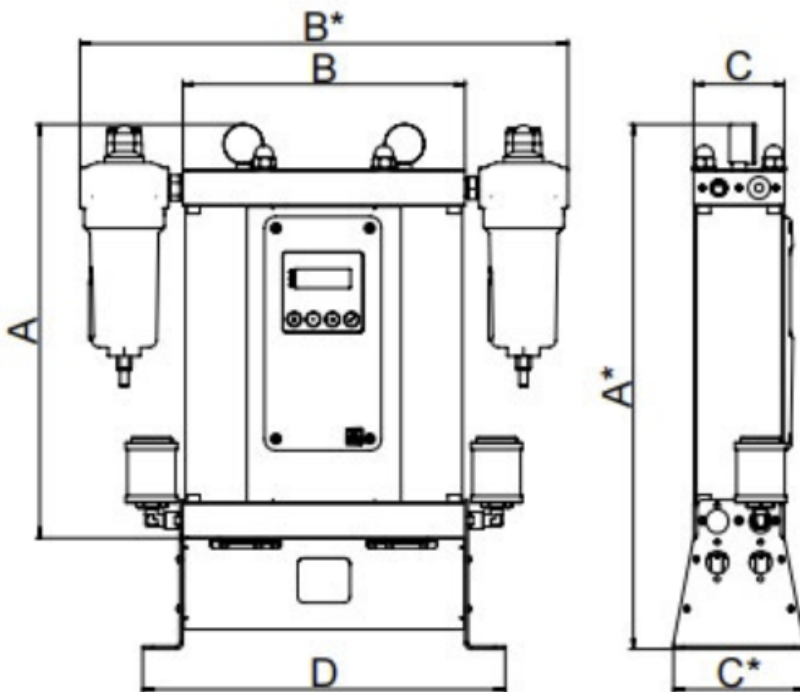
Dust filter; 1



TECHNICAL INFORMATION

ARTICLE NUMBER	connection In/out	nominal volume flow		dimensions						
		Inlet ¹	Outlet ²	A (mm)	A* (mm)	B (mm)	B* (mm)	C (mm)	C* (mm)	D (mm)
		(Nm³/h)	(Nm³/h)							
AD6	G 3/8"	6	4.7	339	339	280	480	100	130	354
AD12	G 3/8"	12	9.5	573	573	280	480	100	130	354
AD24	G 3/8"	24	19	1041	1041	280	480	100	130	354
AD36	G 3/8"	36	28.4	1509	1509	280	480	100	130	354
AD60	G 3/4"	60	47.4	972	972	370	570	148	170	434
AD75	G 3/4"	75	59.3	1167	1167	370	570	148	170	434
AD105	G 3/4"	117	83	1567	1567	370	570	148	170	434
AD150	G 1"	150	118	1345	1345	440	725	198	240	570
AD200	G 1"	200	158	1538	1538	440	725	198	240	570

* Attached drawing from table below



Correction factors

CORRECTION FACTORS - F1													
Operatting pressure [bar]	4	5	6	7	8	9	10	11	12	13	14	15	16
Operatting 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	2.13

CORRECTION FACTORS - F2						
Inlet temperature [°C]	25	30	35	40	45	50
Correction factor	1	1	1	0.97	0.87	0.80

Dew point

DEW POINT			
[°C]	-25	-40	-70
Cd	1.1	1	0.7