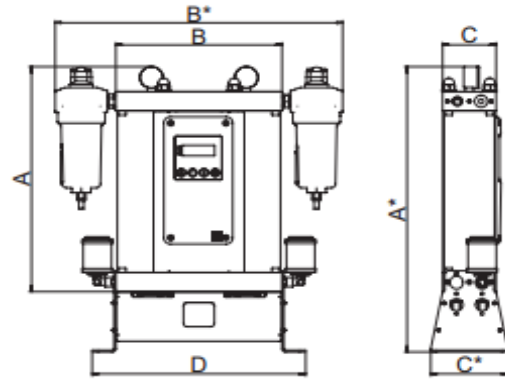


## A-DRY series

HEATLESS REGENERATION ADSORPTION COMPRESSED AIR DRYERS

operating pressure 4 to 16 bar



**INCLUDED**

- pre-filter with automatic drain AOK16B and manometer PDI 16 (are not mounted)
- after-filter with manual drain MCD and manometer PDI 16 (are not mounted)
- controller includes standard connection for dew point sensor (sensor is not included)

A-DRY SERIES													
A-DRY MODEL	CODE	Connection IN/OUT [inch]	Nominal volume flow		Dimensions							Mass kg	
			Inlet <sup>1</sup> [Nm <sup>3</sup> /h]	Outlet <sup>2</sup> [Nm <sup>3</sup> /h]	A [mm]	A* [mm]	B [mm]	B* [mm]	C [mm]	C* [mm]	D [mm]		
A-DRY 06	12000289	G3/8"	6	4.7	339	520	280	480	100	130	354	10.5	
A-DRY 12	12000294	G3/8"	12	9.4	573	715	280	480	100	130	354	13.5	
A-DRY 24	12000306	G3/8"	24	19	1041	1105	280	480	100	130	354	19	
A-DRY 36	12000307	G3/8"	36	28.4	1509	1495	280	480	100	130	354	27.5	
A-DRY 60	12000308	G1/2"	60	47.4	1041	1105	370	570	148	170	434	45	
A-DRY 75	12000309	G1/2"	75	59.3	1275	1300	370	570	148	170	434	53	
A-DRY 105	12000310	G3/4"	105	83	1743	1700	370	570	148	170	434	70	
A-DRY 150	12000356	G1"	150	118.5	1345	1440	440	725	198	240	570	170.5	
A-DRY 200	12000357	G1"	200	158	1538	1655	440	725	198	240	570	182.2	

(<sup>1</sup>) 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

(<sup>2</sup>) 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.

OPTIONAL EQUIPMENT	
EQUIPMENT TYPE	CODE
Dew point sensor Easidew	2505872
Dew point sensor mesurment chamber	2505628
Controller ADC 2.2	3401201
Output 4...20mA	2506522
WebServer Acces (Available only with ADC 2.2)	2506523
A-dry 06-36 wall mounting kit	12001549

Due to constan engineering improvements data is subject to change

OPERATING PRESSURE - CORRECTION FACTORS - C <sub>OP</sub>																
Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232	
Correction factor	0.38	0.5	0.63	0.75	0.88	1	1.13	1.25	1.38	1.5	1.63	1.75	1.88	2	2.13	

OPERATING TEMPERATURE - CORRECTION FACTORS - C <sub>OT</sub>						
Inlet temperature [°C]	25	30	35	40	45	50
Correction factor	1	1	1	0.97	0.87	0.80

DEW POINT - CORRECTION FACTORS - C <sub>D</sub>			
[°C]	-25	-40	-70
C <sub>D</sub>	1.1	1	0.7