

VORTEX
C O M P R E S S O R

Vortex Dessicant Air Dryers

ADP Series 1 m³/min to 60 m³/min

HEATLESS ADSORPTION
AIR DRYERS

DEW-POINT -70° C / -40° C

Heatless Dessicant Technology



SAVE YOUR ENERGY

Vortex dessicant air dryers are engineered to provide maximum energy efficiency and service life. Moisture and contaminants are efficiently separated from the compressed air stream and automatically discharged from the dryer. Our non-cycling dryers include Best-In-Class features that make them the logical choice for many dessicant dryer applications. Consistent dewpoint performance at 0-100% capacity with multiprocessor control



Low pressure drop

High Efficiency

Reliable Operation



For more information please visit www.vortexcompressor.com

Vortex Dessicant Air Dryers

Designed For Performance
 Optional Dewpoint sensor for maximum efficiency
 Long Service Life
 Analog Pressure Gauges on both Towers

High Efficiency Silica Granular Capacity
 Lowest Pressure Drops
 For Reliability and Sustainability

SYSTEM
 assistant
 «AIR DRYERS»



Model	Flow Rate			Connection BSP	Dimensions mm			Weight KG
	m ³ /min	cfm	l/sec		W	L	H	
ADP 70	1.67	59	27.84	1/2"	500	340	1380	100
ADP 100	2.07	73	34.45	3/4"	500	340	1555	145
ADP 150	2.89	102	48.14	3/4"	500	340	1555	180
ADP 200	3.68	130	61.35	3/4"	500	340	1680	220
ADP 250	5.32	188	88.73	3/4"	600	340	1730	255
ADP 400	6.94	245	115.63	1"	600	340	1900	365
ADP 500	8.55	302	142.53	1 1/2" NB	950	840	1150	435
ADP 600	10.17	359	169.43	1 1/2" NB	950	840	1550	515
ADP 750	13.42	474	223.70	1 1/2" NB	1050	840	1850	665
ADP 1000	16.65	588	277.51	2" NB	1050	940	1850	765
ADP 1500	24.81	876	413.43	2 1/2" NB	1200	1000	2240	1080
ADP 2000	32.85	1160	547.46	2 1/2" NB	1340	1000	2550	1390
ADP 3000	50.00	1765	833.19	DN 100	1900	1400	2400	1750
ADP 3500	58.33	2059	972.00	DN 100	1900	1400	2600	2000
ADP 5000	83.33	2942	1388.60	DN 150	1900	1400	2875	2300

*Unit performance measured according to ISO 1217, Ed.3, Annex C-1996

**Connections are according to British Standard Pipe

X Pre Filter

Efficiency rating:
 1 Micron particle
 removal & 0.5 mg/m³
 oil removal

Y Series Filter

Efficiency rating:
 0.01 Micron particle
 removal & 0.01 mg/m³
 oil removal

Inlet Temperature +35 °C

Working Pressure 7 bar

Maximum Working Pressure 16 bar

Maximum ambient Temperature +55°C

Maximum Inlet Temperature +50°C

Pressure Dewpoint -40 / -70 °C

