



PROdry ASD

REFRIGERATED DRYERS BY DEVAIR

- › Patented refrigerant circuit designed to adjust cooling capacity to suit volume and temperature of treated air.
- › Two-stage heat exchanger to improve efficiency and energy savings.
- › High-efficiency stainless steel moisture separator guarantees an extremely low pressure-drop and smooth operation even under heavy working conditions.
- › Microprocessor controls on all models keep stable dewpoint and eliminate the risk of freezing.
- › Thermally protected cooling fans, and a safety system to prevent compressor damage due to malfunction or high working temperatures.
- › Self adjusting controls to provide extremely low and constant dew point, while preventing icing.
- › Powder coated, rugged steel cabinet with removable side panels.
- › Automatic electronic drain standard with each unit.



PROTECT YOUR COMPRESSED AIR SYSTEM with **PROdry ASD**

AIR COMPRESSORS YOU KNOW YOU CAN TRUST

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THESE COMPACT, EASILY SERVICEABLE DRYERS remove moisture by lowering the temperature of the compressed air, and forcing moisture to condense out. This condensed water is then drained off. The net impact is a lessening of the chances that “rogue” moisture will find its way into critical work areas downstream of the compressor, and an overall improvement in the quality of your compressed air.

IN SIZES RANGING FROM 15CFM THROUGH 420CFM, these dryers meet the exacting standards that allow them to complement all Devair air compressors. A one year limited liability warranty is supplied with each unit.

ALL PRODRY ASD DRYERS are microprocessor controlled, and are equipped with an energy saving heat exchanger, high efficiency condensate separator, and a large surface area freon condenser. A built in safety shut-off protects the compressor in the unlikely case of a dryer malfunction or operating at temperatures above set limits.



CONTROLLER PANELS display dewpoint and details of internal operation (compressor and condensate drain). Dewpoint temperature may be digitally set. Larger models (60 CFM and over) are equipped with a manual “On/Off” override switch.

Correction Factor for Different Working Pressure

PSI	73	87	101	116	130	145	160	174	188	203	218	232
Factor 1	0.85	0.93	1.00	1.06	1.11	1.15	1.18	1.20	1.22	1.24	1.25	1.26

Correction Factor for Different Ambient Temperature

Deg. F	68	77	86	95	104
Factor 2	1.05	1.00	0.98	0.93	0.88

Correction Factor for Different Inlet Air Temperature

Deg. F	95	104	113	122	131	140
Factor 3	1.30	1.20	1.00	0.87	0.70	0.55

Correction Factor for Different Dew Point Temperature

Deg. F	37.4	41	44.6	48.2
Factor 4	1.00	1.09	1.18	1.30

Devair Model #	Capacity* CFM	Voltage 1phase 60 Hz	Pipe Size		Dimensions (in)		Weight (lbs)
			NPT	H	W	L	
ASD10	10	110	3/8 tube	16.75	14.625	19.5	62
ASD15	15	110	3/8 tube	15.4	18.1	15.8	64
ASD30	30	110	1/2	15.4	18.1	15.8	66
ASD40	40	110	3/4	17.3	23.6	21.6	104
ASD60	60	110	3/4	17.3	23.6	21.6	110
ASD100	100	110	1 1/2	19.0	32.1	38.5	198
ASD150	150	220	1 1/2	19.0	32.1	38.5	216
ASD200	200	220	1 1/2	19.0	32.1	38.5	232
ASD320	320	220	2 1/2	28.0	57.0	38.5	353
ASD400	400	220	2 1/2	28.0	57.0	38.5	420

* Capacity at 100°F, 100psi



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