

Features

- -40°F dew point standard, -100°F optional
- Suitable for global installation - 12~24VDC or 100~240VAC
- Vertical or horizontal mounting
- Designed for simple service with desiccant canisters
- Intelligent electronic processor



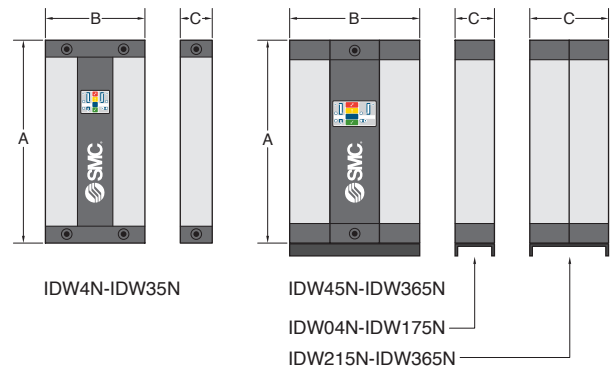
Specifications

Dryer model	Pipe size	Inlet flow rate	Dryer configuration	Dimension inch			Weight (lbs)
		scfm		A	B	C	
IDW04N	3/8"	4	Simplex	17.5	11	3.6	29
IDW06N		6		20			31
IDW08N		8		22			33
IDW10N		10		25			36
IDW15N		15		32			43
IDW25N		25		42			53
IDW35N		35		57.5			68
IDW45N	3/4"	45		28.0	20.5	7	117
IDW55N		55		31.8			130
IDW65N		65		36.0			141
IDW85N	1"	85		43.5			165
IDW105N		105		55.8			200
IDW135N	1-1/4"	135		63.5			224
IDW175N		175		79.5			271
IDW215N	1-1/2"	215	55.8	13.5			378
IDW275N		275	63.5				422
IDW365N		365	79.5				510

1. Models IDW04N to IDW35N will include a 0.01mm coalescing prefilter. A similar prefilter is recommended for the larger sizes. (Series AMH)
2. For models IDW45N to IDW365N the dryer will include a drain adaptor kit to allow assembly of the filter to the dryer. This kit consists of a 1/4" x 4mm swivel adaptor and tubing.

Specifications

Standard pressure dewpoint	-40°F
Optional pressure dewpoint	-100°F
Minimum working pressure	58 psig
Maximum working pressure	232 psig
Power supply	12VDC to 24VDC or 100VAC to 240VAC
Minimum inlet temperature	35°F
Maximum inlet temperature	122°F
Minimum ambient temperature	41°F
Purge rate	20%



Dryer correction factors

Operating pressure (psig)	58	72	87	100	116	130	145	160	174	189	203	218	232
Pressure correction factor (PCF)*	0.62	0.75	0.87	1	1.12	1.25	1.37	1.5	1.62	1.75	1.87	2.0	2.12

Temperature (°F)	68	77	86	95	104	113	122
Temp. correction factor (TCF)	1.07	1.06	1.04	1.00	0.88	0.78	0.55

Dewpoint (°F)	-40	-100
Dewpoint correction factor (DCF)	1	0.7

*Always use the pressure correction factor (PCF) closest to the actual inlet pressure condition
 Corrected air flow rate = Required air flow rate / (PCF x TCF x DCF)



Please contact SMC for more detailed information.