

Series IDW Features

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

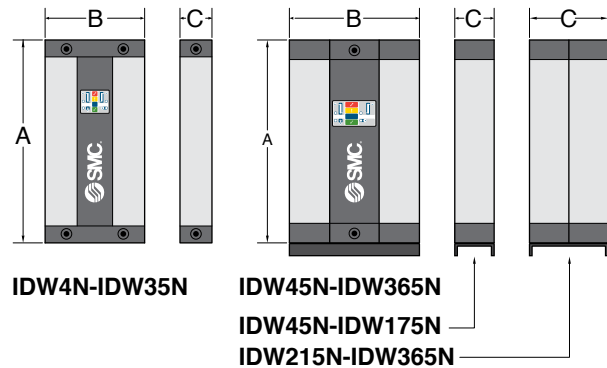


Specifications

Dryer Model	Connection Size	Flow Rate (scfm)			Dryer Configuration	Dimension (inch)			Weight (lbs)
		Inlet (max)	Outlet (max)	Purge		A	B	C	
IDW04N	3/8"	4	3.2	0.8	Simplex	17.5	11	3.6	29
IDW06N		6	4.8	1.2		20			31
IDW08N		8	6.4	1.6		22			33
IDW10N		10	8	2		25			36
IDW15N		15	12	3		32			43
IDW25N		25	20	5		42			53
IDW35N		35	28	7		57.5			68
IDW45N	3/4"	45	36	9		28	20.5	7	117
IDW55N		55	44	11		31.8			130
IDW65N		65	52	13		36			141
IDW85N	1"	85	68	17		43.5			165
IDW105N		105	84	21		55.8			200
IDW135N	1-1/4"	135	108	27		63.5			224
IDW175N		175	140	35		79.5			271
IDW215N		215	172	43	55.8	378			
IDW275N	1-1/2"	275	220	55	63.5	13.5			422
IDW365N		365	292	73	79.5				510

1. Models IDW04N to IDW35N will include a 0.01mm coalescing prefilter (model AFW30-N03-EA). A similar prefilter is recommended for the larger sizes (series AMH or series AFW with EA element).
2. For models IDW45N to IDW365N, the dryer will include a drain adapter kit to allow assembly of the filter to the dryer. This kit consists of a 4mm X 1/4" NPT male elbow and tubing.
3. Simplex models have two desiccant columns (1 per side) while duplex models have four (two per side).

Standard Pressure Dew Point	-40°F
Optional Pressure Dew Point	-100°F
Minimum Working Pressure	58 psig
Maximum Working Pressure	232 psig
Power Supply	12 VDC~24 VDC or 100 VAC~240 VAC
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	130	145	160	174	189	203	218	232
Pressure Correction Factor (PCF)*	0.62	0.75	0.87	1	1.12	1.25	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	.088	0.78	0.55

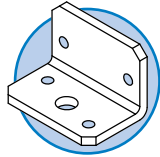
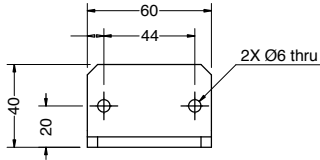
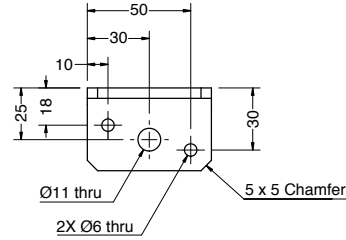
Dew Point (°F)	-40	-100
Dew Point Correction Factor (DCF)	1	0.7

*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)

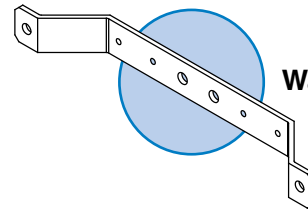
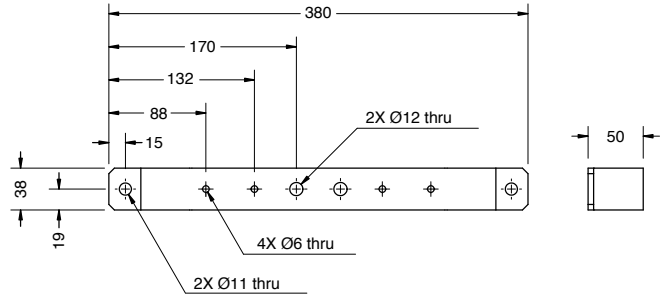
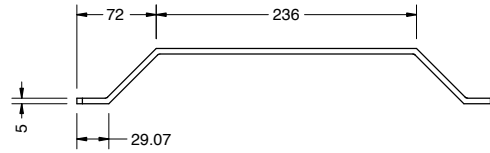
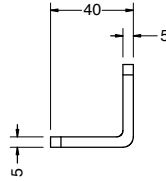
Accessories

Part Number	Description	Applicable Models
IDWFB35	Foot Mounting Bracket Kit	IDW04N~35N
IDWWB35	Wall Mounting Bracket Kit	
IDWCD01	Energy Management Software CD	ALL

The energy management software CD enables the user to interface with the controller to work with the energy management settings. Each CD has unique information to a particular dryer and must be matched by serial number. If ordered at time of dryer order, they should be properly paired. If ordering CD by itself, please provide the dryer serial number so that the appropriate info can be loaded. Full software compatibility is not guaranteed if used with different dryer units.



Foot Bracket



Wall Bracket

Dimensions in mm

Service Parts

Dryer Model	12,000 Hour Service Kit		24,000 Hour Service Kit		Valve Service Kit	
	Part Number	Contents	Part Number	Contents	Part Number	Contents
IDW04N	IDWC04-12000	Desiccant cartridges, pack of sealing O-rings and washers, reset cap, instruction booklet	IDWC04-24000	12,000 hour service kit, valve service kit	IDWVSKS01	Exhaust solenoid valves, diaphragms, shuttle valve and O-rings, required seals (not included in 12,000 hour kits)
IDW06N	IDWC06-12000		IDWC06-24000			
IDW08N	IDWC08-12000		IDWC08-24000			
IDW10N	IDWC10-12000		IDWC10-24000			
IDW15N	IDWC15-12000		IDWC15-24000			
IDW25N	IDWC25-12000		IDWC25-24000			
IDW35N	IDWC35-12000		IDWC35-24000		IDWVSKS02	
IDW45N	IDWC45DF-12000		IDWC45DF-24000			
IDW55N	IDWC55DF-12000		IDWC55DF-24000			
IDW65N	IDWC65DF-12000		IDWC65DF-24000			
IDW85N	IDWC85DF-12000		IDWC85DF-24000			
IDW105N	IDWC105DF-12000		IDWC105DF-24000			
IDW135N	IDWC135DF-12000		IDWC135DF-24000		IDWVSKS03	
IDW175N	IDWC175DF-12000		IDWC175DF-24000			
IDW215N	IDWC215DF-12000		IDWC215DF-24000			
IDW275N	IDWC275DF-12000		IDWC275DF-24000			
IDW365N	IDWC365DF-12000	IDWC365DF-24000				