

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



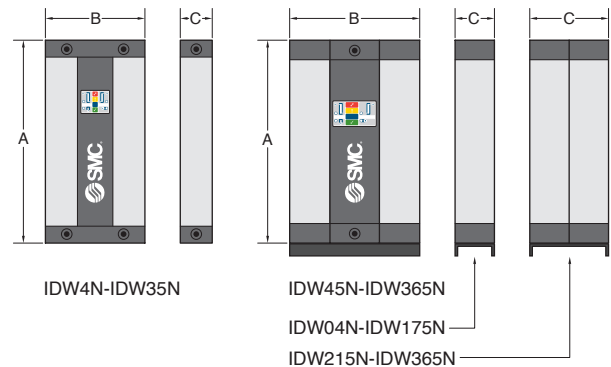
Specifications

| 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 | | Duplex | 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)