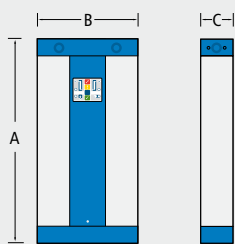


PD

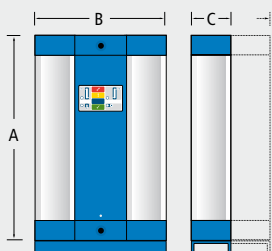
The Pro Dry range of desiccant dryers are designed to eliminate moisture problems in compressed air systems. When used in accordance with Walker Filtration coalescing filters, the Pro Dry reduces moisture levels to  $-40^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$ ) and  $-70^{\circ}\text{C}$  ( $-94^{\circ}\text{F}$ ) pressure dewpoint.

## pro dry desiccant dryers

dryer model	pipe size	inlet flow rate		dimensions (mm)			weight Kg
		Nm <sup>3</sup> /h	SCFM	A	B	C	
PD004	3/8	7	4	445	281	92	13
PD006	3/8	10	6	504	281	92	14
PD008	3/8	14	8	565	281	92	15
PD010	3/8	17	10	635	281	92	17
PD015	3/8	25	15	815	281	92	20
PD025	3/8	42	25	1065	281	92	24
PD035	3/8	59	35	1460	281	92	31
PD045	3/4	76	45	652	520	164	53
PD055	3/4	93	55	752	520	164	59
PD065	3/4	110	65	852	520	164	64
PD085	1	144	85	1052	520	164	75
PD105	1	178	105	1362	520	164	91
PD135	1 1/4	229	135	1562	520	164	102
PD175	1 1/4	297	175	1962	520	164	123
PD215	1 1/2	365	215	1362	520	328	172
PD275	1 1/2	467	275	1562	520	328	192
PD365	1 1/2	620	365	1962	520	328	232



PD004 to PD035



PD045 to PD365 (see note 6)

### specification

Standard pressure dewpoint	$-40^{\circ}\text{C}$	$-40^{\circ}\text{F}$
Optional pressure dewpoint	$-70^{\circ}\text{C}$	$-94^{\circ}\text{F}$
Minimum working pressure	4 barg	58 psig
Maximum working pressure	16 barg	232 psig
Electronic control	100-240 VAC at 50-60Hz or 12VDC to 24VDC	
Minimum inlet temperature	$1.5^{\circ}\text{C}$	$34^{\circ}\text{F}$
Maximum inlet temperature	$50^{\circ}\text{C}$	$122^{\circ}\text{F}$
Minimum ambient temperature	$5^{\circ}\text{C}$	$41^{\circ}\text{F}$

### technical notes

- 1 Pro Dry features easy removable desiccant cartridges with integral 1 micron dust filter.
- 2 For additional security, Walker Filtration recommends fitting an RX1 dust filter to the outlet.
- 3 All models are supplied together with an XA pre-filter.
- 4 Additional filtration, including a water separator, is recommended for high loaded inlet conditions.
- 5 Standard models operate at 7 barg; for other pressures, please specify at time of order.
- 6 PD215, PD275 and PD365 are duplex systems.

### Complete system packaging price

#### Packaging specifications

Pro Dry desiccant dryers are supplied in a timber framed 12mm plywood crate, suitable for international transportation. Each crate has a foam lined interior to protect dryer from transit damage.

Filtration is supplied in additional packaging as a separate item.

model	packaging dimensions (mm)
PD045	915 x 680 x 460
PD055	1015 x 680 x 460
PD065	1115 x 680 x 460
PD085	1315 x 680 x 460
PD105	1625 x 680 x 460
PD135	1825 x 680 x 460
PD175	2225 x 680 x 460
PD215	1625 x 680 x 620
PD275	1825 x 680 x 620
PD365	2225 x 680 x 620



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