

Drymec

Point of use desiccant dryer

These moisture removing devices are designed to be fitted at the point of use and may not be suitable for breathing air purposes without further treatment.

Drymec single pass dryers contain silica gel. The filter bowl contains desiccant material and the direction of flow is such that the compressed air passes through the desiccant and into the integral dust filter. The compressed air is filtered to 1 μ before leaving the dryer.

The top of the filter housing is fitted with a colour change indicator. This is orange during normal operation and changes to translucent when the desiccant charge is saturated.

The volume of desiccant in the filter bowl must be changed or re generated when the quality of the compressed air reaches an unacceptable level.

The service life of the desiccant (10 operating hours) can be extended by installing centrifugal separators and filters upstream of the dryer. These items will remove condensed water that would otherwise be removed by the desiccant.

Model	Duty		Port	Element	Desiccant	Indicator
	m ³ /hr	cfm				
FHD 01	5	3	¼"	01SCG01	SG 1.0	CC 1
FHD 02	14	8	½"	01SCG01	SG 1.0	CC 1
FHD 03	22	13	½"	01SCG03	SG 1.0	CC 1



Typical flow rates to obtain a desiccant life of 10 hours.

Working pressure		2	4	6	7	8	10	12	14	16
FHD 01	cfm	1.3	2.1	2.8	3.1	3.6	4.4	5.3	6.0	6.8
	m ³ /hr	2.1	3.6	4.8	5.3	6.1	7.4	8.9	10.2	11.5
FHD 02	cfm	3.3	5.7	7.5	8.3	9.5	11.7	14.0	16.0	18.0
	m ³ /hr	5.7	9.6	12.7	14.2	16.1	19.8	23.8	27.2	30.6
FHD 03	cfm	5.2	8.9	11.7	13.0	14.8	18.2	21.9	25.0	28.1
	m ³ /hr	8.8	15.0	19.9	22.1	25.2	31.0	37.2	42.5	47.8

March 2009

DRYMEC Ltd.
Unit 4R Bramhall Moor Technology Park
Pepper Road
Hazel Grove
Stockport SK7 5BW

Tel 0161 487 4747
Fax 0161 487 3778
www.drymec.com
sales@drymec.com