

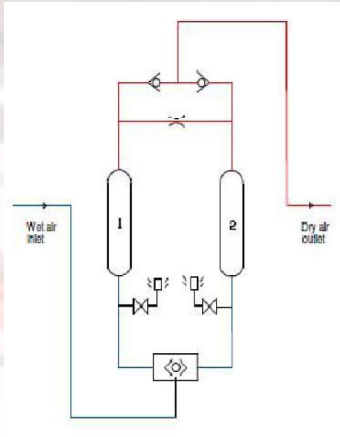


Draft

- Inlet condition have been designed for - ISO 7183-1986 (E) option B
- Outlet air quality Class - ISO:8573-1:1991 (E) class 3
- Noise level will be < 70 decibels
- Free from corrosion & scale formation at inner & outer sides
- Uses high strength absorbent material

Heatless Desiccant  
Compressed Air Dryer  
**Dryspell Series**

**Dryspell Desiccant Dryer offers total cleaning solution for lubricated as well as non-lubricated compressed Air.**



### Principle of Operation

**Drying Cycle :** Air with water vapour passing through the aluminum drying tower filled with desiccant gets completely dried (up to -20°C PDP). The desiccant fines from the towers are completely removed and clean dry air is let out through the outlet port for use.

**Regeneration Cycle:** During the regeneration cycle, the sudden depressurisation brings out water molecule strapped in the desiccant pores to the surface of the beads. A small portion of dry compressed air from the drying tower then passes over the desiccant through the regeneration orifice. This results in complete regeneration of the desiccant

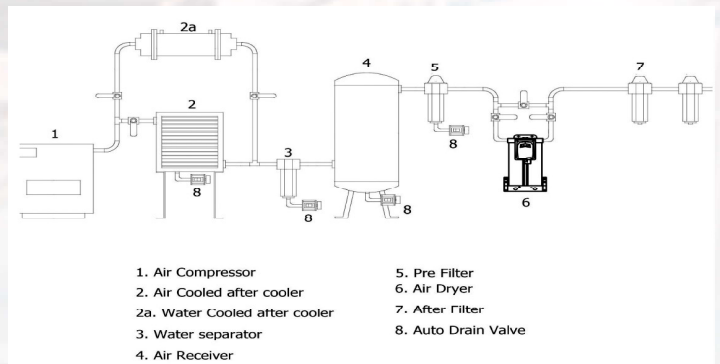
### Application

- Paint spray booths
- Tool, valve, cylinder protection
- Food packaging machine
- Auto garage
- Textile & garment
- SPM
- Instrumentation

### Market Acceptance

- Excellent performance
- High reliability
- Require less service time
- Reasonable cost
- Low moving components
- Low maintenance
- Safe operation
- Global support

### Recommended Installation



### Specifications

- Max Working Pressure : 12.5 bar (g)
- Rated Inlet Temperature : 38°C
- Rated Inlet Pressure : 7 bar (g)
- Operating Voltage : 85-265 VAC  
50 / 60 Hz 1Ph
- Outlet Conditions : Dry air at -20°C PDP\*
- Purge loss : 12 ± 1 %
- Pressure drop : 0.3 bar Max.

\*ISO:8573-1:1991 (E) class -3-

Model	Product code	Flow (m <sup>3</sup> /hr)**	End connection BSP	Dimensions (mm)			Weight (kg)	Recommended accessories	
				H	W	D		Pre filter	Post filter
Dryspell 5 V1	PD348	9	3/8"	360	200	125	6	T32 Y EA	T32 X IA
Dryspell 10 V1	PD392	17	3/8"	575	210	160	7	T32 Y EA	T32 X IA

\*\* As per ISO 7183 Option B rated conditions

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