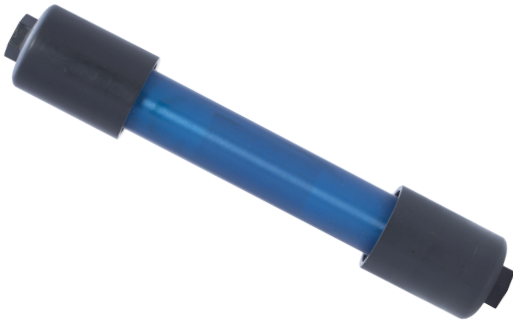


# Heatless Dryer

## HLD1



HLD1



### TECHNICAL SPECIFICATION

General	
Mounting	Wall (Any)
Dimensions	(A) 325mm x (B) 43.2mm x (C) 58.4mm
Sample	Air
Material	
Body	Anodized Aluminum with blue color
End cap.	Nylon with black color
Connections	
Air Inlet	1/4" BSP (F)
Air Outlet	1/4" BSP (F)
Functionality	
Temperature	+60°C (Max) & +2°C (Min.)
Pressure	10 barg (Max.)
Weight	Approx. 0.66 kg
Performance	As per below table

### FEATURES

- » Fully automatic operation
- » Fully mechanical design
- » No electricity
- » Ease of installation

### ADVANTAGES

- » Maintenance free
- » Good stability of dew point up to -40°C
- » Ideal for low-flow air-drying operations

### DESCRIPTION

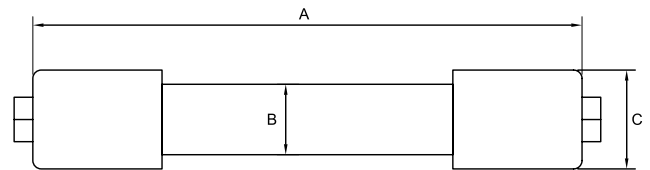
The Heatless dryers are ideal for low-flow air Drying operations. Dryer operation is fully automatic and outlet dew points as low as (-40°C) can be achieved.

Heatless regeneration desiccant dryer is designed to protect Pneumatic equipment, controls, and processes, from the harmful and costly effects of moisture in compressed air and natural gas lines.

Regenerative desiccant dryers operate on the principle of pressure swing adsorption, where a fraction of dry air or gas is used to regenerate the off-stream tower. No heat or exhaust power is required for desiccant bed regeneration. In natural gas applications, purge exhaust can be diverted to compressor suction or used as fuel.

This means wet air is vented without the requirement of a separate drain or electrical power.

### DIMENSION DETAILS



Performance Data	7 Barg Pressure dew point Suppression from 35 ° C to							
	15° C		03° C		-20° C		-40° C	
Compressed air flow (LPM)	Inlet	Outlet	Inlet	Outlet	Inlet	Outlet	Inlet	Outlet
Units	100	90.5	71.1	61.6	47.3	37.8	34.3	24.8
Purge Air ( LPM )	9.5							

Purge tolerance ± 2% of maximum inlet flow range.

### PRODUCT

Description	Part No.	Qty.
Heatless dryer	ASPL1922	1 No.