

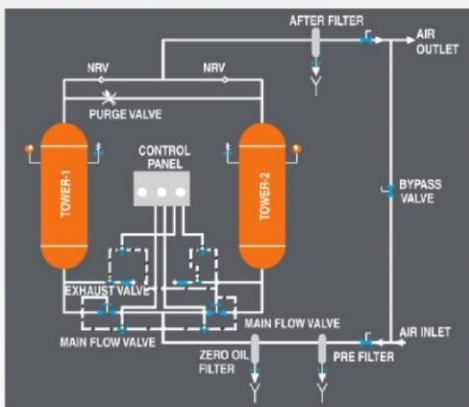
Heatless Compressed Air Dryers

HLN
Series

HLD
Series



SCHEMATIC DIAGRAM



HLN PRODUCT FEATURES

Salient Features

HLN Series Heatless Air Drier are designed and manufactured for high reliability and ease of use.

Paint

Painted with long lasting corrosion and resistance light grey epoxy paint which gives excellent finish and aesthetic look.

Tower

Amply sized to save heat of adsorption minimises purge air usage.

Limited velocities through prevent bed fluidization - stops desiccant.

Large desiccant bed ensures sufficient contact time to produce -40° dew point (-60° dew point with molecular sieves).

Separate fill and drain ports for ease of desiccant replacement.

Heavy duty purge exhaust mufflers for quite operation.

Pressure gauge on both the towers.

Filters

Every drier is equipped with a pre-filter, oil filter and after filter. Pre filter is fitted with double seat pneumatic auto drain valve which discharge the condensate during change over of tower.

Frame

Sturdy box frame with complete floor stand to withstand vibration and transit damage.

Control Panel

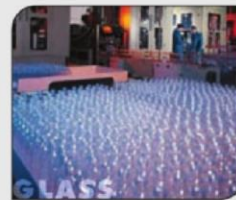
The control panel is compact user friendly with mimic panel indication. The various operation like drying regeneration, purging are indicated by LEDs.

Highly accurate motorised cam timer.

Solenoid valve and electricals to international standards using plug, socket and cable connections.

Purge Flow

Highly accurate purge flow with the help of well designed orifice to avoid tampering of purge at site.

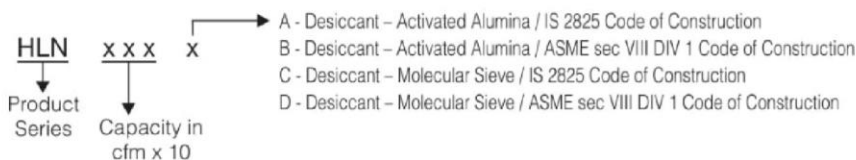


TECHNICAL SPECIFICATION:

Base Model	Model Variance				Air Flow		Inlet Outlet Flg	Dimensions in mm			Dessicant qty / tower kg.	Weight kg.
	A	B	C	D	CFM	m³/hr		L	B	H		
HLN-002	✓	✓	✓	✓	20	34	½" BSP	500	400	1315	20	75
HLN-003	✓	✓	✓	✓	35	60	½" BSP	500	400	1565	35	90
HLN-006	✓	✓	✓	✓	60	102	¾" BSP	730	450	1245	60	120
HLN-007	✓	✓	✓	✓	75	128	¾" BSP	730	450	1340	75	150
HLN-010	✓	✓	✓	✓	100	170	1" BSP	750	450	1830	100	200
HLN-012	✓	✓	✓	✓	125	215	1 ½" FLG	1000	500	1675	120	250
HLN-015	✓	✓	✓	✓	150	255	1 ½" FLG	1000	500	2060	150	290
HLN-017	✓	✓	✓	✓	175	298	1 ½" FLG	1100	560	1645	170	320
HLN-020	✓	✓	✓	✓	200	340	1 ½" FLG	1100	560	1710	200	350
HLN-025	✓	✓	✓	✓	250	425	2" FLG	1100	560	1810	250	400

* Specifications subject to change due to constant upgradation of products.

Model Nomenclature :



Working Conditions :

Working Pressure : 7 bar g to 12.5 bar g
 Inlet temperature : 42°C
 Atmospheric Dew point : -40°C, -60°C