

HEATLESS AIR DRYER



SALIENT FEATURES OF HEATLESS AIR DRYER

- » Corrosion Resistance
- » Epoxy Painting
- » Manual Drain fitted with Pre filter
- » User friendly Mimic Panel
- » Sturdy box frame
- » Compact size

General Features:

Eliminator Series Heatless Air dryer is designed and manufactured for high reliability and ease of use.

Paint:

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

Tower:

- * Amply sized to save heat of adsorption minimizes purge air usage.

- * Limited velocities through tower prevent bed fluidization - stops desiccant dusting.

- * Large desiccant bed - ensures sufficient contact time to produce -40° C Dew point(-80 ° C Dew point with Molecular sieves)

- * Separate fill and drain ports for ease of desiccant replacement.

- * Heavy duty purge exhaust mufflers for quiet operation.

- * Pressure gauge on both the towers.

Filters:

Every dryer 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 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 operations like drying regeneration, purging are indicated by LEDs.

Highly accurate motorized cam timer.

Solenoid valve and Electrical 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 SPECIFICATIONS

MODEL	Air Flow		Electrical Connection			Inlet / Outlet	Dimensions (mm)			Dessicant	Weight
	SCFM	Nm ³ / hr	V	Ph	Hz	BSP	L	W	H	Qty / tower	Kg
HAD-002	20	34	230	1	50	1/2"	500	400	1315	9	75
HAD-003	35	60	230	1	50	1/2"	500	400	1565	15	90
HAD-005	50	85	230	1	50	3/4"	730	450	1275	17	100

HAD-007	75	128	230	1	50	3/4"	730	450	1370	26	120
HAD-010	100	170	230	1	50	1"	750	450	1895	34	150
HAD-012	125	215	230	1	50	1 1/2" flg	1070	710	1765	41	185
HAD-015	150	255	230	1	50	1 1/2" flg	1200	710	1950	52	200
HAD-017	175	298	230	1	50	1 1/2" flg	1200	710	2275	60	220
HAD-020	200	340	230	1	50	1 1/2" flg	1300	750	1900	70	240
HAD-025	250	425	230	1	50	2" flg	1400	1000	2030	90	275

OPERATING CONDITIONS

Working Pressure	7 bar to 12.5 bar
Inlet Temperature (°C)	45°C
Atmospheric Dew Point	-40°C

* Product Design and specifications are subject to change due to constant upgradation.

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