

Non-Cycling Hi-Temp Refrigerated Dryers



ADA-25
to ADA-125

Features	Benefits
No air loss demand drain	Eliminates water, oil and dirt from air system while saving energy
Units rated to 39 °F or 50 °F dewpoint	Prevents damage to pneumatic tools and cylinders, adding to their lifetime use
Air Inlet up to 180 °F (82 °C)	No separate aftercooler needed
Plate and frame heat exchanger with integrated air-to-air HX	Durability and helps eliminate pipe “sweating”
cULus listed	Unit suitable for all municipalities and Canada
Durable powder-coated cabinet	Long Life



Model Number	39 °F PDP scfm*	50 °F PDP scfm*	Operating kW	In/Out Conn. Size (in)	Max. Working Pressure (psig)	Refrigerant Type	Dimension L x W x H (in)	Approx. Shipping Weight (lb)
ADA-25	20	25	0.42	NPT 3/4 (F)	232 psig	R134a	22 x 16 x 25	57
ADA-50	40	50	0.84	NPT 1 (F)	232 psig	R404A	26 x 21 x 39	108
ADA-75	60	75	1.69	NPT 3/4 (F)	232 psig	R404A	26 x 21 x 39	168
ADA-100	80	100	1.63	NPT 3/4 (F)	232 psig	R404A	26 x 21 x 48	231
ADA-125	100	125	2.03	NPT 3/4 (F)	232 psig	R404A	26 x 21 x 48	236

* scfm flow at 180 °F inlet, 125 psig inlet and 95 °F ambient temperature.

Designed for easy four-step installation:

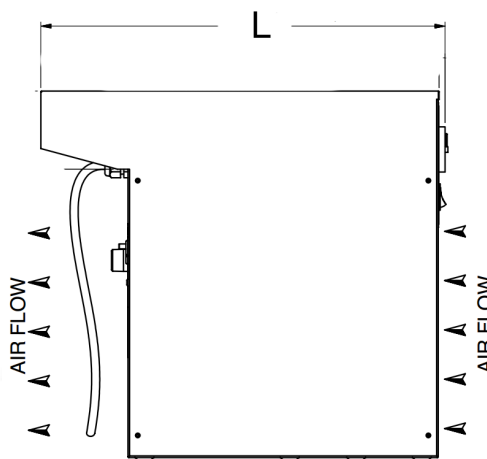
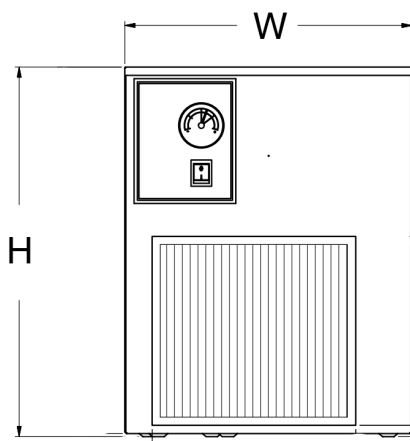
1. Assemble optional coalescing pre-filter to air inlet connection
2. Connect compressor air outlet to optional pre-filter at air inlet connection
3. Pipe the connection to plant air system from optional after-filter or air outlet
4. Electrical three-pronged plug connects to grounded wall connection

Max. working pressure: 232 psig (16 bar)

Inlet Temperature: 180 °F (82 °C)

Ambient Temperature: 40 °F min. 100 °F max.

Note: Capacity and kW ratings are at full load at CAGI ADF-100 standard conditions of 95 °F (35 °C) ambient and 125 psig (8.6 bar). Compressed air inlet temperature is rated at the extreme condition of 180 °F (82 °C).



PDP (Pressure Dew Point) Indicator



- Increased dryer information display



Alarm (high/low dewpoint, fan probe failure or PDP probe failure)



Dryer Power On



Fan in rotation

PDP Alarms:



High PDP



Low PDP
(freezing problems)

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