

DIELECTRIC®

# Emergency Air Dryer

Robust, portable air dryer for power outage back-up



SPX®

Dielectric's Emergency Industrial Twin Tower Heatless Air Dryer is designed for Point of Use application where dry air is required.

This moderate-flow, standalone Dry Pak employs two desiccant towers which cycle alternately through drying and regeneration modes by pneumatic timer components and utilize normally closed pneumatic valves to ensure system integrity.

This unique design gives a minimal pressure drop through the dryer for greater efficiency. Utilizing a heavy duty case with wheels makes this easy to move around, and place in position near a portable compressor air source.

Supplied with a humidity test meter to measure the outlet dew point. Also included are 50' of  $\frac{3}{4}$ " rubber reinforced high-pressure hose with  $\frac{3}{4}$ " universal airline coupling for connecting to the mobile air compressor's outlet and emergency dryer's inlet and  $\frac{3}{4}$ " quick connects.

## Features

- Minimal pressure drop through the dryer for greater efficiency
- 90,000 SCFD output at -40°F dew point
- Over 122,000 SCFD output at 0°F dew point
- Input conditioning includes:
  - 5µm general purpose filter
  - Coalescing 0.3µm filter
  - Differential gauge, absorbing filter with activated carbon element, shutoff input valve and pressure gauge
- Output conditioning includes:
  - Coalescing 0.3µm filter
  - Differential gauge regulator with 50psig adjustability
  - Pressure gauge and Shutoff output valve
  - Compressed air input only, no electrical connection required
- Heatless air drying
- Normally-closed pneumatic valves
- Humidity meter
- Protected within a heavy duty case with wheels, giving easy movement and placement



## Optional accessories

**Hose reel assembly** with 300' of  $\frac{3}{4}$ " ID Braided Reinforced PCV tubing and quick connect fittings; includes wheels and handle for easy mobility.

**Check/Shutoff valves assembly** for inside connection to an available  $\frac{3}{4}$ " NPT air dryer manifold port.

**Check/Shutoff valves with line regulator** (for connection to a  $\frac{3}{4}$ " NPT air dryer manifold port). Recommended for use with long lines and/or high flows to reduce air pressure to the dryer; typically adjusted to 15-25 psig at the manifold.



## Specifications

Parameter	Specification	Notes
Output flow	62.5 SCFM (90,000 SCFD)	-40°F dew point
	85 SCFM (122,400 SCFD)	0°F dew point
Desiccant	ED5 Industrial Dry Pak	
Input air flow requirement	Compressed air at 72.5 SCFM @ 125 psig	
Pre-filter assembly	5µm-rated, ¾" NPT general purpose filter	With auto dump trap
	0.3µm-rated coalescing filter	With auto dump trap
	Differential gauge and absorbing filter	With activated carbon element shutoff input valve and pressure gauge
Output conditioning	Filtering and regulation consisting of:	
	0.3µm-rated coalescing filter	
	125psig adjustable pressure regulator	
	¾" NPT pressure gauge shutoff output valve	
Packaging	Heavy Duty Case with Wheels with Handles on both ends	
Dimensions	44.2 x 16.1 x 14"	Cover closed
Weight	130lbs	Approx.
Standard Accessories	Humidity meter	For output dew point measurement
	50' of ¾" rubber reinforced high pressure hose with ¾" universal airline couplings	

## Ordering information

Part number	Product description
105295	Emergency Industrial Twin Tower Heatless Air Dryer
105322	Hose reel assembly
105323	Check/Shutoff valves assembly
105324	Check/Shutoff valves with line regulator

Visit [www.dielectrictechnologies.com](http://www.dielectrictechnologies.com)

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