

# EH7000-3R

A007\_1023

Eliminator® II desiccant dryer

*Perfect for body shops with high levels of contamination*



## Features & Benefits

- Designed to provide continuous dry, oil-free air to -40°F dew point
- 3 in 1: Activated carbon pre-filter for superior oil vapor removal and built-in final filter with contained desiccant cartridge, no desiccant dust migration
- Largest 0.01 micron coalescer on the market
- Tool-less spin on/spin off elements for easy maintenance, comes with two (2) PB-004 brackets for easy mounting
- Inverse Flow® Technology, low pressure drop design
- High flow 3/8" NPT relieving regulator
- Automatic drain on first stage, manual petcock drains on second and third stages

1st Stage Replacement Element: 4P-060  
2nd Stage Replacement Element: 3C-090  
3rd Stage Replacement Element: DE401

## Specifications

<i>Dryer Design</i>	Manual, Desiccant
<i>Recommended Temp</i>	100 °F
<i>Maximum Pressure</i>	150 PSIG
<i>Dryer Capacity</i>	-40 °F
<i>Filter Capacity</i>	0.01 micron and larger Activated Carbon Oil Absorption to 0.003 ppm
<i>Flow Capacity</i>	30 SCFM at 100 psi
<i>Differential Pressure</i>	<5.0 PSID at rated flow
<i>Height</i>	17.0"
<i>Width</i>	16.0"
<i>Depth</i>	4.75"
<i>Weight</i>	20 lbs.

## Applications

- Ideally used in prep stations and paint booths to remove water, dirt, oil, and water vapor

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**WARNING:** Cancer and  
Reproductive Harm

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(800) 521-9200



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## Installation & Operation

1. Install the unit with the air flowing in the direction indicated by the arrows on your unit (usually left-to-right).
2. Install the unit at the paint booth.
3. Install the supplied drain hose kit in your 1st stage auto drain (long hex at bottom of bowl).
4. Use the supplied brackets to support your unit from the wall of the booth.

## Maintenance

1. Close the inlet valve and relieve the air pressure prior to servicing. Clean and inspect all parts prior to installing new elements and replace as necessary. *Note: Refer to Auto Drain maintenance sheet for information on the 1st stage float drain, if needed.*
2. Replace the 3rd stage desiccant cartridge when the color indicator changes from a light blue to purple-pink. If you notice an oil film on the old desiccant element or find liquid water in the bowl, it is time to change the 1st stage element as well.
3. After changing the 3rd stage element, the moisture indicator paper should change back to blue after flowing dry air past it for an hour. If it does not, change the paper also (supplied in bag with element).
4. Change the 1st stage element if the 3rd stage is failing more often than usual, or if the green pressure indicator on the top of the 1st stage turns to red. It should be changed at least one time every 6 months.



**E4000:** 1/4" regulator/gauge assembly and differential pressure indicator.

**E4000-3R:** 3/8" regulator/gauge assembly and differential pressure indicator.

**Replacement Elements:**

- 1st stage: 4P-060
- 2nd stage: DE401



**EH2500:** 1/2" inlet/outlet single stage desiccant dryer. Includes PB-004 mounting bracket.

**Replacement Element:**  
DE401



**EH4000:** 1/4" regulator/gauge assembly.

**EH4000-3R:** 3/8" regulator/gauge assembly.

**EH4000-4R:** 1/2" regulator/gauge assembly.

**Replacement Elements:**

- 1st stage: 4P-060
- 2nd stage: DE401



**EH7000-3R:** 3/8" regulator/gauge assembly.

**EH7000-4R:** 1/2" regulator/gauge assembly.

**Replacement Elements:**

- 1st stage: 4P-060
- 2nd stage: 3C-090
- 3rd stage: DE401

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