

Desiccant Dryers

E4000

- ¼" Regulator & Gauge Assembly
- Differential Pressure Indicator

E4000-3R

- ⅜" Regulator & Gauge Assembly
- Differential Pressure Indicator

EH4000

- ¼" Regulator & Gauge Assembly
- NO Differential Pressure Indicator

EH4000-3R

- ⅜" Regulator & Gauge Assembly
- NO Differential Pressure Indicator

EH4000-4R

- ½" Regulator & Gauge Assembly
- NO Differential Pressure Indicator

EH7000-3R

- ⅜" Regulator & Gauge Assembly
- NO Differential Pressure Indicator

EH7000-4R

- ½" Regulator & Gauge Assembly
- NO Differential Pressure Indicator



E4000

Features & Benefits

- Ideally used in prep stations and paint booths to remove water, dirt, oil and water vapor
- Provides continuous dry, oil-free air to -40°F dew point
- 2 in 1: Activated carbon pre-filter for superior oil vapor removal and built-in final filter with contained desiccant cartridge, no desiccant dust migration
- Tool-less spin on/spin off elements for easy maintenance
- Inverse-Flow[®] Technology, upwards compressed air drying
- Low pressure drop design
- Automatic float drain in first stage

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> | 1.0 micron & larger Activated Carbon Oil Absorption to 0.003 PPM |
| <i>Flow Capacity</i> | 30 SCFM @ 100 PSI |
| <i>Differential Pressure</i> | <5.0 PSID at rated flow |
| <i>Height</i> | 19.0" |
| <i>Width</i> | 15.0" |
| <i>Depth</i> | 5.0" |
| <i>Weight (lbs)</i> | 12 |

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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 2nd 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 2nd 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 2nd 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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