

# **PNEUMATECH<sup>®</sup> INC.**

## **EH-SERIES HEATLESS REGENERATIVE AIR/GAS DRYERS**

### **DESIGNED**

*for economical,  
trouble-free performance  
and long-life reliability*



### **MANUFACTURED**

*with high-quality components  
and innovative techniques*

### **SUPPORTED**

*by a world-wide distribution  
network of compressed air  
management consultants*

### **WHY PNEUMATECH?**

Pneumatech's EH-series dryers are the economical choice for reliable and trouble-free dryer performance. The EH-series is designed to deliver a constant  $-40^{\circ}$  F dew point. The result is clean, dry, high quality compressed air. A reliable **Digital MicroProcessor (DMP)** based sequence controller featuring Cycle-Sight™ monitors dryer operation. A user-friendly panel with LCD indicates dryer sequence status and alarms. In addition to reliable performance, the EH-series is designed for energy efficiency. Purge loss and pressure drop are kept at a minimum, resulting in lower operating costs.

**WORLD LEADERS IN COMPRESSED AIR SYSTEM ENGINEERING**

# STANDARD FEATURES

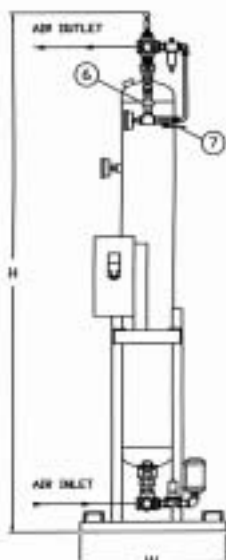
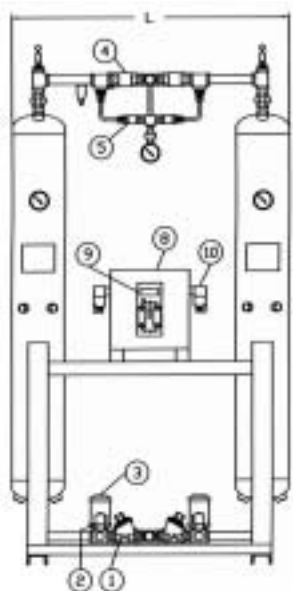
- -40° F outlet dew point
- (DMP) Digital MicroProcessor Controller
- User-friendly dryer sequence indicator with LCD
- NEMA Class 4 Electrical
- 10 minute NEMA cycle
- Counter-flow drying and regenerating
- Low velocity design
- Low pressure drop – less than 3 PSID at rated flow
- Automatic re-pressurization
- High quality, economical 2-way pilot operated diaphragm type valves

- Pilot air filter with service valve
- Towers meet ASME and CRN requirements
- Extra tower corrosion allowance
- Removable inlet and outlet stainless steel tower screens
- Separate desiccant fill and drain ports
- Purge mufflers to reduce noise
- Purge flow indicator with adjustment valve
- Relief valve on each tower
- Industrial enamel paint finish

# SPECIFICATIONS

MODEL	APPROX. DIMENSIONS L' x W' x H'	DESSICANT LBS/TOWER	APPROX. WEIGHT LBS.	RATED CAP. SCFM	RATED CAP. SCFM	CONN. IN & OUT
EH-25	34 x 18 x 61 1/4	16	380	25	3.5	1/2" NPT
EH-35	35 1/2 x 20 x 68 1/4	23	400	35	4.9	3/4" NPT
EH-50	35 1/2 x 20 x 66 1/4	33	425	50	7.0	3/4" NPT
EH-75	42 x 20 x 63 1/4	50	450	75	10.5	1" NPT
EH-100	42 x 22 x 77 1/4	65	545	100	14.2	1" NPT
EH-150	46 x 24 x 79 1/4	100	590	150	21	1 1/2" NPT
EH-200	48 x 26 x 75 3/4	130	790	200	28	1 1/2" NPT
EH-250	56 x 28 x 82 1/2	165	850	250	35	1 1/2" NPT
EH-300	56 x 28 x 99 1/2	195	1030	300	42	2" NPT
EH-350	60 x 30 x 85 1/4	230	1225	350	49	2" NPT
EH-400	64 x 24 x 85 1/4	265	1300	400	56	2" NPT
EH-500	64 x 24 x 85	325	1500	500	70	2" NPT
EH-650	68 x 42 x 100	410	2020	650	91	2" NPT
EH-750	80 x 37 x 100	460	2400	750	105	2 1/2" FLG.
EH-1000	85 1/2 x 44 91 3/4	725	2680	1000	140	2 1/2" FLG.
EH-1250	92 x 46 x 107 3/4	850	3240	1250	175	3" FLG.
EH-1500	92 x 54 x 91	1000	3780	1500	210	3" FLG.
EH-1800	103 1/4 x 50 x 109	1150	4750	1800	252	4" FLG.
EH-2100	110 x 60 x 99	1375	5600	2100	294	4" FLG.
EH-2600	112 x 60 x 113 1/2	1650	6800	2600	364	4" FLG.

- AVAILABLE OPTIONS**
- Dew Point Demand purge control
  - Moisture Indicator
  - 100° F Dew point
  - Filters Mounted
  - High Humidity Alarm
  - Failure to Shift Alarm
  - Pneumatic Control
  - Severe Duty Paint



### SPECIFICATIONS:

Operating Pressure: 100 PSIG (7.03 KG/SQ.CM) Minimum  
 Operating Temperature: 70 DEG. F. (21 DEG. C.) Minimum  
 120 DEG. F. (49 DEG. C.) Maximum  
 Design Pressure: 150 PSIG AT 450 DEG. F.(Vessels)  
 (10.55) KG/SQ.CM AT 232 DEG. C.)  
 Outlet Dew Point: -40 DEG. F. (-40 DEG. C.)  
 Power Supply: 115V -1PH-60HZ  
 Nema Class: 1

- |                           |                                   |
|---------------------------|-----------------------------------|
| 1. Air inlet valve        | 6. Purge orifice                  |
| 2. Purge valve            | 7. Purge adjusting valve          |
| 3. Purge muffler          | 8. Electrical enclosure           |
| 4. Air outlet check valve | 9. User friendly diagnostic panel |
| 5. Purge flow check valve | 10. Solenoid valve                |

Distributed by:

# PNEUMATECH<sup>®</sup> INC.

## & ConservAIR<sup>®</sup> Technologies Co. LLP

4909 70th Avenue • Kenosha, Wisconsin U.S.A. 53144  
 (262) 658-4300 Fax: (262) 658-1945 • www.pneumatech.com



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