



Heated Regenerative Air/Gas Dryers

PE/EE Series

With distinctive, patented technological innovation and extra energy-saving options, Pneumatech's heated desiccant dryers provide clean, dry air needed to expand the life of your equipment and ensure the quality of your end product.

- **Uninterrupted supply of dry air**
- **Superior energy efficiency**
- **Advanced Control & Monitoring Solutions**

As with all of our products, Pneumatech heated desiccant dryers are built to last, offering proven reliability for maximum peace of mind. With decades of knowledge and in-house expertise, Pneumatech can provide a wide range of high performance solutions to meet any standard or custom package application.

F E A T U R E S

- Digital MicroProcessor (DMP) Control featuring Cycle Sight for trouble-free operation
- Dry contacts for alarm outputs
- High quality, two-way, non-lubricated, pneumatically operated, shifting valves for longer, reliable service
- Thermostatically-controlled, low watt density heating element
- High capacity heating chamber for maximum heat load
- Automatic re-pressurization
- Low pressure shutdown
- Cycle advance push button
- Less than 3 PSID at rated flow
- Towers meet ASME and CRN requirements
- Extra tower corrosion allowance
- Industrial enamel paint finish
- Low purge rate – 7%
(even lower with DPD and PPR)



PE-200 with PPR

OPTION S

Dew Point Demand (DPD)

- Utilizes the full drying capacity before regeneration
- Extends valve life
- Includes High Humidity and Failure to Shift Alarms
- Digital Dew Point Display
- Fast payback
- Affordable

Pulse Purge Regeneration (PPR)

- Only patented FULL LOAD control in the industry
- Field proven performance
- Includes Dew Point Demand
- Reduces average purge by 50%
- Monitor your performance while saving energy
- ROI ~ 6 months based on dryer size
- Extends the lifecycle of the dryer's moving parts

Other Options

- Moisture indicator
- Multiple filter mounting packages
- Variety of NEMA ratings
- cULus 508a industrial control panel
- Low dew point temperature -90°F (not available with PPR)
- Severe duty options
- High design pressures available

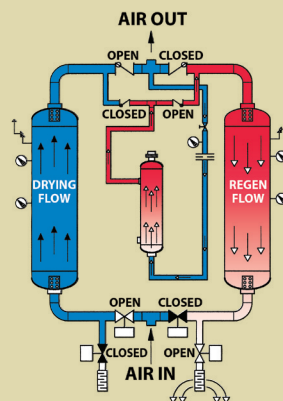
SPECIFICATIONS

Model*	Purge Flow	Heater kW	In/Out Conn. Size	Dimensions L x W x H (in)	Desiccant lbs./tower	Shipping Weight lbs.
PE-35	2.45	0.75	0.75" NPT	36.77 x 22.28 x 63.27	24	240
PE-50	3.5	0.75	0.75" NPT	36.77 x 22.28 x 63.27	35	270
PE-75	5.25	1.25	1" NPT	40.77 x 24 x 60.21	54	570
PE-100	7	1.25	1" NPT	40.77 x 24 x 74.27	70	615
PE-150	10.5	2	1.5" NPT	51.46 x 28 x 76	105	650
PE-200	14	2.5	1.5" NPT	51.43 x 30 x 72.1	140	880
PE-250	17.5	3	1.5" NPT	52.16 x 30 x 84.1	175	980
PE-300	21	3	2" NPT	58.23 x 32 x 80.5	215	1260
PE-350	24.5	4	2" NPT	58.23 x 32 x 90.52	250	1410
PE-400	28	5	2" NPT	58 x 35 x 81.68	285	1530
PE-500	35	6	2" NPT	60.13 x 38 x 82.11	355	1820
PE-650	45.5	7.5	2" NPT	62 x 42 x 96.01	450	2100
PE-750	52.5	9	2.5" FLANGE	78.38 x 42 x 99.55	520	3000
PE-1000	70	10.5	2.5" FLANGE	79.5 x 46 x 91.55	725	3350
PE-1250	87.5	15	3" FLANGE	87.65 x 46 x 107.16	890	3850
PE-1500	105	18	3" FLANGE	92 x 52 x 91.16	1050	4450
PE-1800	126	24	4" FLANGE	102 x 54 x 108.83	1250	4800
PE-2100	147	24	4" FLANGE	108 x 60 x 98.83	1500	5800
PE-2600	182	30	4" FLANGE	108 x 60 x 110.83	1800	7875
PE-3100	217	35	6" FLANGE	110 x 64 x 135	2200	9230

The EE series is an economical choice that features high value, 2-way pilot operated diaphragm type valves.

Model*	Purge Flow	Heater kW	In/Out Conn. Size	Dimensions L x W x H (in)	Desiccant lbs./tower	Shipping Weight lbs.
EE-35	2.45	0.75	0.75" NPT	36.77 x 22.28 x 63.27	24	270
EE-50	3.5	0.75	0.75" NPT	36.77 x 22.28 x 63.27	35	300
EE-75	5.25	1.25	1" NPT	40.77 x 24 x 60.21	54	460
EE-100	7	1.25	1" NPT	40.77 x 24 x 74.27	70	540
EE-150	10.5	2	1.5" NPT	51.46 x 28 x 76	105	700
EE-200	14	2.5	1.5" NPT	51.43 x 30 x 72.1	140	880
EE-250	17.5	3	1.5" NPT	52.16 x 30 x 84.1	175	1030
EE-300	21	3	2" NPT	58.23 x 32 x 80.5	215	1360
EE-350	24.5	4	2" NPT	58.23 x 32 x 90.52	250	1510
EE-400	28	5	2" NPT	58 x 35 x 81.68	285	1630
EE-500	35	6	2" NPT	60.13 x 38 x 82.11	355	1960
EE-650	45.5	7.5	2" NPT	62 x 42 x 96.01	450	2300

*Model number indicates SCFM flow at 100 PSIG, 100°F.



Operating Specifications

Operating Pressure:	100 PSIG
Operating Temp.	100° F
Maximum Inlet Temp.	100° F
Design Pressure:	150 PSIG at 450° F (vessels)
Outlet Dew Point:	-40° F
Power Supply:	115V - 1PH - 60Hz (PE-35 to PE-100) 460V - 3PH - 60Hz (PE-150 to PE-3100)
Electricals:	NEMA 4
NEMA Cycle:	8 hours
Desiccant:	Activated Alumina



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