

## Pneumatech Pride

Pneumatech has been manufacturing energy efficient desiccant dryers for nearly 50 years. We are proud to introduce this new design of heated purge dryer with low pressure drop, improved controls, compact design and many other features you have come to expect from Pneumatech. The PE heated purge desiccant dryer is for the customer with high demands on energy efficiency and reliability.

See your local Pneumatech distributor, visit our website at [www.pneumatech.com](http://www.pneumatech.com) or give us a call.



## PE 760-3390

Design standards		PE 760-3390
Dew point		-40°F/-40°F
Pressure range		4,5-10 bar/65-150 psi
Voltages		400,440-460 V
Frequency		50-60 Hz
Controller		Purelogic™ controller
Technology		Heated purge
Transportability		Forklift slot
Applications		Food & beverage, electronics, oil & gas, power generation, general industry

Important features & benefits
Advanced Purelogic™ controller with full communication possibilities
Dew point depending switching with no loss in energy during saturation process (only with purge option)
Lifting eyes and forklift slots for easy installation
Remote Alarm for status information from distance
Extra long-life silica gel to handle harsh conditions
Low watt density heater which results in energy savings
Removable stainless steel screens that can easily be removed
Galvanized piping with flanged connections for easy maintenance & long life time
Oversized mufflers with relief valves for lower noise level

Options	PE 760-3390
Safety valves	•
PDP sensor kit	•
PDP -70°C/-94°F	•
Sonic nozzle	•
Insulated vessels	•
Robust packaging	•
Pre/After filter kit	•

- ✓ Standard
- Optional
- Not available

# Technical data

## 50-60Hz

Type	Inlet flow FAD 7bar(e)/100psig			Average power consumption		Pressure drop (excl. filters)		Inlet/outlet connection  50 Hz: G/PN16 60Hz: NPT/ DN	Integrated filter			Dimensions (mm)			Dimensions (in)			Weight	
	l/min	m³/h	cfm	kW	hp	bar	psi		Pre- filter		After filter	L	W	H	L	W	H	kg	lb
									1 µm 0,1ppm	0.01 µm 0.01 ppm									
PE 760 S	2160	1296	763	5.9	8.0	0.27	3.915	80	Std	Std	Std	1200	1075	1829	47	42	72	820	1821
PE 1020 S	28800	1728	1018	7.9	10.7	0.17	2.465	80	Std	Std	Std	1764	930	2558	69	37	101	1130	2509
PE 1330 S	37800	2268	1336	10.8	14.6	0.17	2.465	80	Std	Std	Std	1884	930	2612	74	37	103	1410	3131
PE 2060 S	58200	3492	2056	16.8	22.7	0.17	2.465	100	Std	Std	Std	2359	1085	2702	93	43	106	2280	5062
PE 2670 S	75600	4536	2671	21.7	29.3	0.17	2.465	100	Std	Std	Std	2472	1085	2684	97	43	106	2750	6106
PE 3390 S	96000	5760	3392	27.5	37.1	0.17	2.465	150	Std	Std	Std	2708	1343	2603	107	53	102	3560	7904

Reference conditions:

Compressor air inlet temperature: 35°C/100°F

Inlet relative humidity: 100%

## Correction factors

(Kt) Air inlet temperature (°C/°F)	20/68	25/77	30/86	35/95	40/104	45/113
PE 760-3390	1	1	1	1	0.71	0.49

(Kp) Air inlet pressure (bar(g)/psig)	4.5/65	5/72	6/87	7/100	8/116	9/130	10/145
PE 760-3390	0.59	0.70	0.87	1	1	1	1

Example:

What is the capacity of a PE 1020 S? With an inlet pressure of 6 bar(g)/87psig and 40°C/104°F inlet temperature?

$K(t) 0,71 \times K(p) 0,87 \times 28800 \text{ l/min} = 17790 \text{ l/min}$



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