

# 흡착식 에어드라이어 / 히터외장 Desiccant Air Dryer / External Heater Type

PEH Series

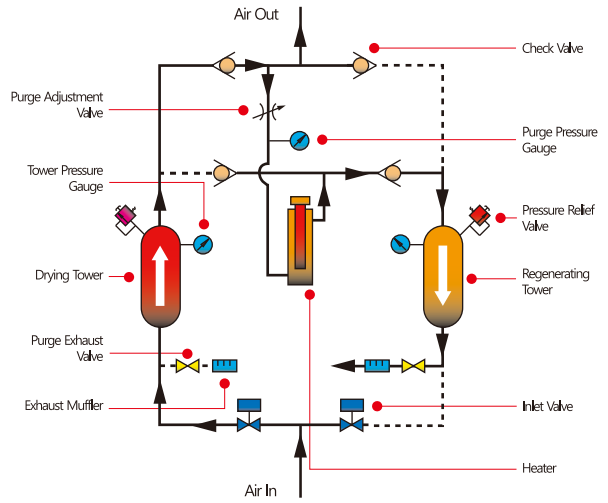
- OPTION**
- DEW-POINT METER (-40°C)
  - OVER SIZE
  - SUS MATERIAL
  - HIGH PRESSURE

**DESIGN DATA**

사용유체(Fluid) : 압축공기(Compressed Air)    노점(Dew point) : -40°C @ PDP

입구압력 (Inlet pressure)	7 bar	입구온도 (Inlet temp.)	38°C
최대사용압력 (Max. Working pressure)	9.7 bar	주위온도 (Ambient temp.)	40°C
차압 (Differential pressure)	0.2 bar		

**FLOW DIAGRAM**



PRODUCT IMAGE



MODEL	접속구경 Connection inch	처리유량 Flow Rate Nm <sup>3</sup> /hr	히터 Heater kw	크기 Dimensions			무게 Weight (Desiccant/Total Weight)	
				A mm	B mm	C mm	흡착제 kg	총 중량 kg
PEH - 100	1"	150	2.1	870	870	2,050	90	300
PEH - 150	1 1/2"	250	2.4	970	900	2,100	110	350
PEH - 200	1 1/2"	370	3.6	970	900	2,400	170	700
PEH - 285	1 1/2"	495	4.0	1,150	1,050	2,550	210	750
PEH - 350	2"	660	6.0	1,150	1,000	2,600	280	900
PEH - 430	2"	870	7.5	1,150	1,000	2,600	390	1,000
PEH - 560	2 1/2"	1,050	9.0	1,450	1,200	2,600	460	1,300
PEH - 720	2 1/2"	1,380	11.0	1,450	1,200	2,700	520	1,500
PEH - 900	3"	1,680	13.5	1,450	1,200	2,700	700	1,800
PEH - 1100	3"	1,950	15.0	1,600	1,400	2,750	860	2,200
PEH - 1350	3"	2,280	25.0	1,700	1,400	2,750	1,000	2,600
PEH - 1550	4"	2,950	30.0	1,900	1,500	2,820	1,300	3,000
PEH - 2100	4"	3,700	33.0	2,500	1,600	2,820	1,560	4,200
PEH - 3000	6"	5,400	46.0	2,500	1,800	3,000	2,200	5,200
PEH - 4100	6"	6,600	56.0	3,000	2,000	3,150	2,900	6,000
PEH - 4500	6"	7,500	62.0	3,000	2,000	3,150	3,200	6,300
PEH - 5400	6"	8,500	70.0	3,200	2,000	3,150	3,780	6,800
PEH - 6000	8"	10,500	85.0	4,600	2,130	3,150	4,200	7,500
PEH - 7000	8"	12,000	100.0	4,600	2,130	3,150	4,900	9,000
PEH - 9000	10"	15,000	110.0	5,000	2,500	3,150	6,400	10,000

1. 처리유량은 38°C(100°F), 사용압력 7bar 기준입니다.
2. 사양에서 제시된 이상의 대형 기종도 가능합니다.
3. ASME U Stamp 가능

1. Above flow rate is based on 38°C(100°F) and 7bar.
2. Upon request, customized engineering product is available.
3. ASME U Stamp (Option)

사용 조건이 다를 경우, 해당 조건에 따른 처리유량 변화는 아래의 계수를 처리 유량에 곱해주면 됩니다.  
To determine the actual air flow at other conditions, multiply the factors below.

**FACTOR**

입구온도 Inlet Temperature		입구압력 Inlet Pressure (bar)	
Temp.	Factor	Press.	Factor
27°C	1.14	5.0	0.80
32°C	1.12	6.0	0.90
38°C	1.00	7.0	1.00
43°C	0.75	8.0	1.10
49°C	0.65	9.0	1.27
		10.0	1.32

**CHARACTERISTICS**

- 메인히터와 보조히터 적용으로 전력비 절감  
(Designed with main and sub heater to reduce the power consumption)
- 운전상황에 맞도록 공정시간 변경 가능  
(Operation cycle time can be managed to optimize the system operation)
- 고품질 소음기 사용으로 퍼지소음 최소화  
(High quality muffler applied to reduce the purge noise)
- 프랑스 AXENS 흡착제 사용으로 안정적인 노점 보장  
(By using AXENS(Made in France) Adsorbent, guarantee the stable Dew Point)

**DIMENSION(PEH)**

