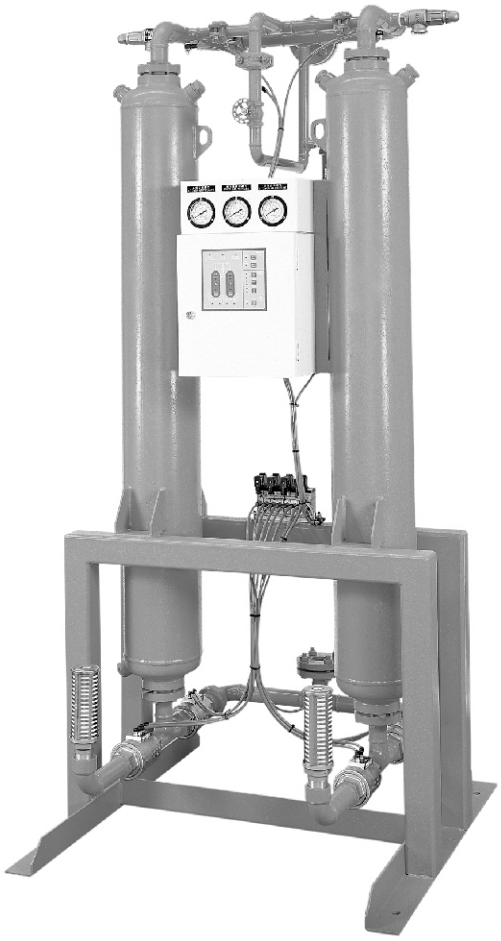
MHD series **10~1000**

HEATLESS DESICCANT **COMPRESSED AIR DRYER**

Mindman



Features:

- Have a lower initial cost than heated type dryers. Simple and reliable due to no heaters or blower to maintain. No thermal or dew point spikes after tower switch over and ensure 4.8 seconds contact time plus 30% extra desiccant provided consistent outlet pressure dew point and temperature is easy available. To world standard of ISO 8573.1.
- For different P.D.P. requirement we design 4min/10 min cycle mode.
  10 minute cycle produce -42℃.
  4 minute cycle produce -72℃.
  (outlet concentrations of 1 ppb @ 7kgf/cm^2)
- It takes about 72 hours to reach required P.D.P. when first use.
- Standard Purge Economizer (25%~100%) is able to match purge air use to the demand on the dryer.
- Tower design saves 98% of the heat of adsorption helps to minimize purge air required -13.5 % minimum purge air use, the lowest in the industry.

Specification:

Model	Max. Inlet capacity (Nm^3/min)@ 7 kgf/cm^2,38℃ inlet temp.	Dimension H×D×W (mm)	Connection (inch)	Net weight (kg)	Desiccant weight (kg)
MHD-10	1.6	2000×600×600	3/4"PT	150	36
MHD-15	2.4	2100×700×700	1"PT	220	55
MHD-25	3.6	1900×750×800	1"PT	250	90
MHD-40	5.5	2100×800×850	1-1/2"PT	280	90
MHD-60	8.1	2200×800×920	1-1/2"PT	380	140
MHD-100	15	2300×1000×1200	2"PT	630	280
MHD-150	22	2700×1200×1500	3"FL	1250	440
MHD-250	36	2850×1500×1700	3"FL	1550	760
MHD-300	43	2850×1500×1750	4"FL	2000	960
MHD-350	55	3100×1800×2000	4"FL	2300	1050
MHD-400	66	3150×1800×2000	4"FL	2400	1350
MHD-500	72	3500×2400×2100	5"FL	3500	1800
MHD-600	88	3500×2400×2200	5"FL	3900	2000
MHD-700	93	3500×2500×2300	6"FL	4400	2300
MHD-800	116	3500×2500×2400	6"FL	4600	2500
MHD-900	125	3500×2600×2500	6"FL	4800	3600
MHD-1000	134	3500×2600×2600	6"FL	5000	3800

Conditions / 1.Working pressure: 4.5~10 kgf/cm^2
2.Inlet temp.: 51℃ Max
3.Power supply: 220V/1Ph/50/60Hz
4.Pressure drop: 0.21 kgf/cm^2
5.Environment temp.: -40~85℃

Application: