

MHD series 10~1000

HEATLESS DESICCANT COMPRESSED AIR DRYER



Design condition

A. Working pressure	0.4	0.5	0.6	0.7	0.8	0.9	1.0
Correction factor	0.63	0.75	0.88	1.00	1.13	1.25	1.38
B. Ambient temperature	≤35	40	45	50			
Correction factor	1.00	0.97	0.88	0.73			

Formula

- ⊙ Actual capacity =
MHD capacity × (A×B)
- ⊙ Actual capacity =
Demanded capacity ÷ (A×B)

Specification

Model	Max capacity (Nm ³ /min)	Connection (Inch)	High dew point (Dew point pressure -70°C)			Low dew point (Dew point pressure -40°C)		
			Dimension H×D×W(mm)	Desiccant weight (Kg)	Net weight (Kg)	Dimension H×D×W(mm)	Desiccant weight (Kg)	Net weight (Kg)
MHD-10	1.6	3/4"Rc	850×850×1700	35	180	785×810×1700	25	167
MHD-15	2.4	1"Rc	850×850×2020	45	195	850×850×1700	35	180
MHD-25	3.6	1"Rc	850×850×1600	75	250	850×850×1600	55	214
MHD-40	5.5	1-1/2"Rc	1200×1000×1750	105	305	1200×1000×1900	80	280
MHD-60	8.1	1-1/2"Rc	1200×1000×1950	135	395	1200×1000×1890	120	365
MHD-100	15	2"Rc	1200×1200×2400	270	620	1200×1200×2150	226	551
MHD-150	22	3"FL	1500×1500×2350	360	905	1500×1500×2350	320	835
MHD-200	27	3"FL	1700×1700×2460	575	1220	1700×1700×2210	475	1051
MHD-250	36	4"FL	1700×1700×2760	660	1376	1700×1700×2480	555	1200
MHD-300	43	4"FL	1730×2000×2360	830	1520	1730×1700×2750	650	1360
MHD-350	50	4"FL	1800×2000×2550	940	1710	1800×2000×2450	890	1630
MHD-400	61	4"FL	1900×2000×2850	1090	2010	1800×2000×2650	1020	1830
MHD-500	72	5"FL	2300×2400×2750	1210	2136	1810×2000×2900	1120	1995
MHD-600	79	5"FL	2300×2400×3000	1440	2465	2000×2000×3000	1200	2150
MHD-700	93	6"FL	2300×2400×3150	1560	2653	2300×2400×2950	1250	2216
MHD-800	116	6"FL	2515×2600×3300	1950	3135	2350×2400×3170	1610	2730
MHD-900	125	6"FL	2500×2600×3400	2090	3365	2500×2600×3250	1720	2890
MHD-1000	134	8"FL	2550×2800×3350	2240	3505	2600×2600×3350	1990	3190

Application:

