

KDHR-W series



Features

- Use a self-designed heat exchanger for stable dew point
- Refrigerant is condensed by water cooled-condenser when going through refrigeration cycle, it produces stable refrigeration cycle.

How to Order

KDHR - 400 W

① ② ③

① Series

KDHR Refrigerated air dryer

③ Cooling Type

W Water Cooled

② Size

500, 600, 750, 900, 1,200, 1,500,
2,000, 3,000, 4,000, 5,000, 6,000

Specifications

Model	Flow Capacity (Nm ³ /min)		In/Out Connection (Air) Rc(PT)	In/Out Connection (Water) Rc(PT)	Cooling Water (l/min)	Refrigeration Compressor (HP)	Weight (Kg)
	60Hz	50Hz					
KDHR-500W	79.1	72.2	6"(F)	2"(S)	64/127	10	1,490
KDHR-600W	95.8	87.5	6"(F)	2"(S)	80/159	10	1,570
KDHR-750W	120.3	109.8	8"(F)	2"(S)	105/210	15	1,620
KDHR-900W	155.3	141.8	8"(F)	2 1/2"(F)	158/315	20	1,740
KDHR-1200W	177.6	162.1	8"(F)	2 1/2"(F)	183/365	20	1,890
KDHR-1500W	221.9	202.6	10"(F)	2 1/2"(F)	210/420	30	1,970
KDHR-2000W	295.8	270.1	12"(F)	3"(F)	265/530	40	2,180
KDHR-3000W	473.3	432.1	14"(F)	3"(F)	424/848	60	2,320
KDHR-4000W	591.7	540.2	16"(F)	4"(F)	530/1,060	80	2,540
KDHR-5000W	709.9	648.1	18"(F)	5"(F)	636/1,272	100	2,760
KDHR-6000W	887.4	810.1	20"(F)	5"(F)	795/1,590	130	3,110

※ In/Out Connection : (S) Screw, (F) Flange

※ All models have passed the design and performance testing by Korea Occupational Safety and Health Agency (KOSHA) (Heat exchanger diameter: more than 6 inch)

Refrigerant	Dew Point	Max Operating Pressure	Fluid	Inlet Temperature	Ambient Temperature	Condenser	Electrical Power
R22	1.7℃~4℃	9.9kg/cm ² (0.95MPa)	Compressed Air	45℃	1.7℃~45℃	Water Cooled	AC 3Ph 220V/380V/440V 60Hz

※ Coefficient of air flow capacity: Inlet pressure 7.0kgf/cm²(0.7MPa), inlet temperature 40℃, cooling water inlet temperature 32℃~37℃, cooling pressure range 4kgf/cm²(0.2MPa) ~ 6kgf/cm²(0.6MPa), operating dew point 4℃/10℃