



DEHUMIDIFIER & HUMIDIFIER



SERAPHIC ASSOCIATE

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Dehumidifier (Floor stand type)



Model	HACD-60H	HACD-90H	HACD-158H	HAID-240BC	HAID-480BC	HAID-960BC
Power Source	220-240V/ 1 PH	220-240V/ 1 PH	220-240V/ 1 PH	380V, 50Hz, 3 PH	380V, 50Hz, 3 PH	380V, 50Hz, 3 PH
Humidity Removal (@30°C. & 80% RH)	60 Liter / day	90 Liter / day	158 Liter / day	240 Liter / day	480 Liter / day	960 Liter / day
Rated Power (input)	830w	1.5kw	2kw	4.8kw	6.6kw	15kw
Air Circulation	720 m3/hr	850 m3/hr	1000 m3/hr	2600 m3/hr	5000 m3/hr	12000 m3/hr
Refrigerant	R410a	R410a	R410a	R410a	R410a	R410a
Compressor Type	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Operating Temperature	5-40°C	5-40°C	5-40°C	5-40°C	5-40°C	5-40°C
Dimensions (mm)	450*340*640	480*420*960	480*400*1045	770*470*1630	1190*450*1750	1550*700*1890

- ❖ Humidity and time Automatically controlled by intelligent micro-computer,
- ❖ Automatic defrost.
- ❖ Automatic power-on and power-off, saving energy.
- ❖ Power off memory function.
- ❖ LED colorful fluorescent dynamic display, intelligent digital micro-computer Control.
- ❖ Fault code display function.
- ❖ Three-Minute Automatic Delay to Protect the Compressor.
- ❖ Washable air filter

Ceiling Type Dehumidifier



Duct Type Dehumidifier



Model	HADD-10	HADD-20	HADD-30	HADD-40	HADD-50	HADD-80 C	HADD-120 C
Humidifying Capacity(@30°C, 80% RH)	240 Liter / day	480 Liter / day	720 Liter / day	960 Liter / day	1200 Liter / day	2000 Liter / day	3000 Liter / day
Power	3650w	6900w	12300w	14500w	17250w	45000	75000
Hz	60/50	60/50	60/50	60/50	60/50	60/50	60/50
Voltage	380v	380v	380v	380v	380v	380v	380v
Air Flow	3000 m3/hr	5000 m3/hr	5500 m3/hr	6000 m3/hr	16000 m3/hr	22400 m3/hr	36300 m3/hr
Size (cm) (L*W*H)	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary	Rotary
Refrigerant Gas	R410a/R407c	R410a/R407c	R410a/R407c	R410a/R407c	R410a/R407c	R410a/R407c	R410a/R407c

*Ceiling mounted without taking floor space, ultra thinly design

*Micro-computer control, LED digital display

*Humidity control set from 10% to 90%.

*Double sound Insulation, silence running design

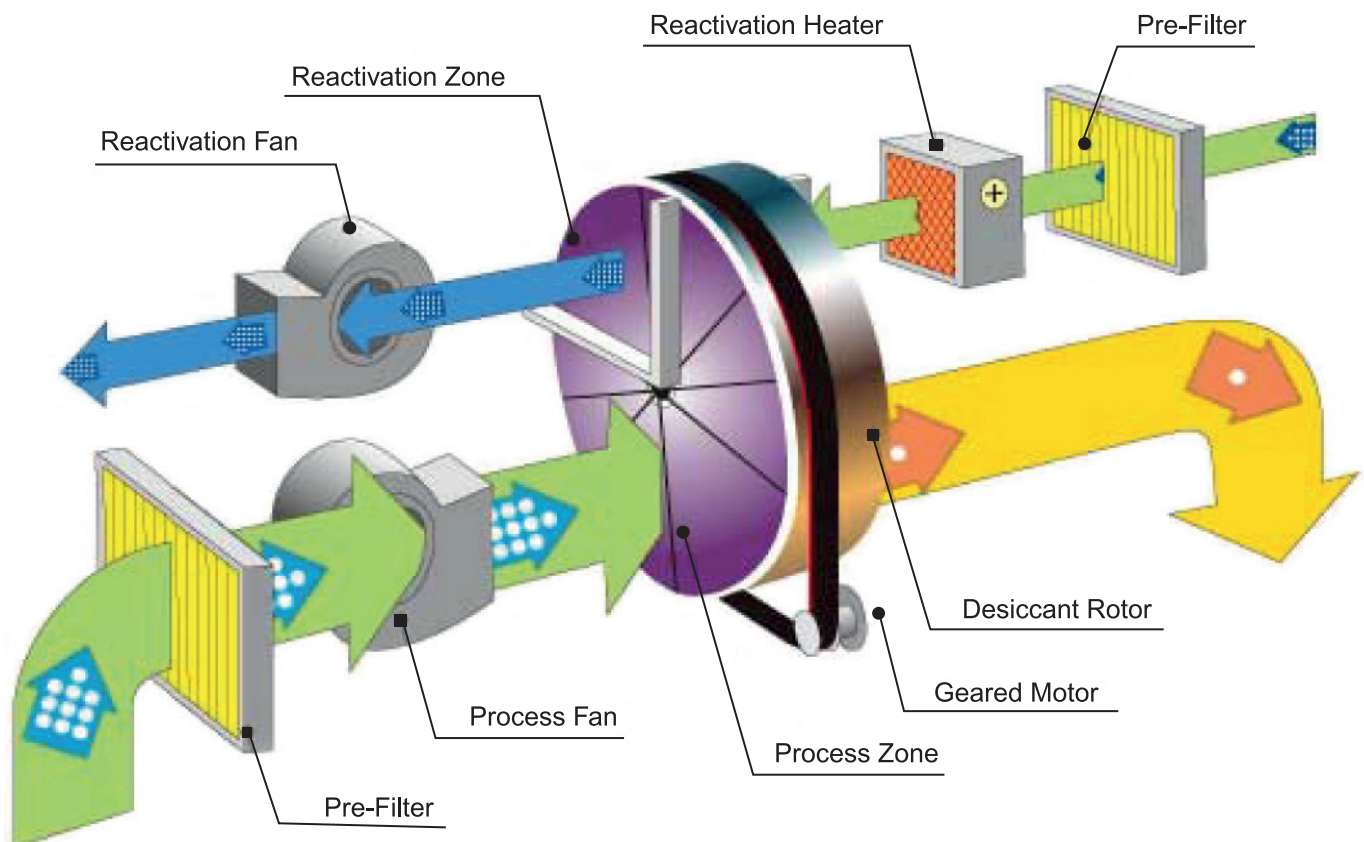
*Timed on/off setting

Desiccant-Dehumidifier

Desiccant dehumidifiers work by using a large desiccant wheel to adsorb moisture from the process air stream. As the process air is dried, the moisture content of the wheel rises. To remove this moisture the wheel is in constant rotation and a second air stream is heated and passed through the wheel. This heated air stream picks up the moisture from the wheel, in turn drying the wheel so it is reactivated and able to continue to dry the process air.

Desiccant dehumidifiers are one of two main types of dehumidifiers. The other common type is a condensing dehumidifier. These are often used for pools or damp basements. Desiccant dehumidifiers excel in dryer environments compared to condensing dehumidifiers, and are essential for low dew point applications.

The desiccant dehumidifiers offer a superior performance in this regard in that they offer a better heating performance. In the compressor dehumidifiers, the dry air being pumped out will be about 2°C warmer while in the desiccant dehumidifier, the dry air coming out will be about 3° to 5°C warmer. The main reason to choose a desiccant dehumidifier is that it can operate at much lower temperatures than a refrigerant type.



Desiccant Dehumidifier



Model	KC-400SD	KC-600SD	KC-800SD	KC-1000SD	KC-1200SD	KC-1500SD	KC-2500SD
Humidifying Capacity(@20°C, 60% RH)	2.5kg/hr	3.5kg/hr	4.5kg/hr	7.5kg/hr	8.5kg/hr	10kg/hr	15kg/hr
Process Air Flow	420 m3/hr	600 m3/hr	850 m3/hr	1100 m3/hr	1250 m3/hr	1550 m3/hr	2550 m3/hr
Inlet Size	100 mm	125 mm	200 mm	200 mm	250 mm	250 mm	400/ 488*222 mm
Reactivation Air Flow	130 m3/hr	200 m3/hr	260 m3/hr	400 m3/hr	450 m3/hr	580 m3/hr	925 m3/hr
Outlet Size	80 mm	80 mm	125 mm	125 mm	160 mm	160 mm	200 mm
Applied Temperature	-15°C -50°C	-15°C -50°C	-15°C -50°C	-15°C -50VC	-15°C -50VC	-15°C -50VC	-15°C -50VC
Max Power	2.5kw	4.5kw	10kw	11kw	13kw	15kw	24kw
Power Rating	2.0kw	3.8kw	9kw	9kw	11kw	13kw	22kw
Voltage	220v/380v	220v/380v	380v	380v	380v	380v	380v
Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Dimensions (mm)	590*420*900	585*415*860	830*640*1220	830*640*1220	970*750*1180	881*696*1234	1295*880*1300

- ❖ Auto balanced design, ensuring it can work well even it swings
- ❖ ABB, OMRON and Schneider electrical accessories;
- ❖ Proflute rotor, 10 years lifetime
- ❖ Applied Temperature: -20°C-60°C,24*7hours working capacity
- ❖ Auto leakage protection function for Rotor and whole equipment
- ❖ Ip40 grade
- ❖ EN60204 for all electrical ports
- ❖ Anti-corrosion device can be equipped for wind power or work places on sea
- ❖ Micro-computer control, Digital display
- ❖ Timed on/off setting



Model	KCH-12	KCH-24	KCH-36	KCH-48
Capacity	12 Liter/hr	24 Liter/hr	36 Liter/hr	48 Liter/hr
Power input	1.2kw, 220v, 50Hz	2.5kw, 380v, 50Hz	3.6kw, 380v, 50Hz	4.8kw, 380v, 50Hz
Air Volume	450 m ³ /hr	650 m ³ /hr	850 m ³ /hr	900 m ³ /hr
Fog Outlet (mm/pc)	110/2	110/3	160/2	160/2
Working Temperature	0-40 °C	0-40 °C	0-40 °C	0-40 °C
Net Weight (kg)	39	82	105	150
Dimensions (mm)	860*360*580*	1100*580*570	1100*580*70	1160*900*660

- Our Ultrasonic Humidifiers are controlled automatically.
we can set the RH to be 80% for example. When the humidity reaches 80%, our machine will stop working, When the humidity can not reach 80%, the humidifier will start to work automatically.
- It can be controlled by timer. From 1-24 hours. when you set 12 hours for example. The machine will stop working after 12 hours
- Digital humidity controller can be randomly set from 1%-99%. Its control precision reaches +5%
- The fog diameter is 1-10um.
- It is easy to move with 4 universal castors.
- It is stainless steel body, nice looking and long-time service life.

Humidification System



Portable Humidifier

Humidification Capacity	50kg/hr
Power	650 Watt, 220V, 50Hz
Air Volume	2000m / hr
Humidification area	1000m
Dimensions (CM)	50x60x140
Fog drain	8-15um
Weight	48kg

Atomizing Humidification System



Model	Power	Humidity	Nozzle No.	Control system	Maximum Pressure	Suitable area
I	1.1	120kg/h	40	Microcomputer intelligent	14MPa	500-800m2
II	1.5	330kg/h	120	Microcomputer intelligent	14MPa	2000-2400m2
III	2.2	660kg/h	250	Microcomputer intelligent	14MPa	4000-5000m2
IV	3	1000kg/h	350	Microcomputer intelligent	14MPa	6000-7000m2

Other Products



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