

FRESH AIR DEHUMIDIFIER



PRODUCT FEATURE



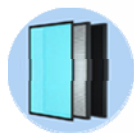
All-In-One Unit

Fresh Air + Dehumidification + Purification



SECOP Compressor

Long Life Time, Low Noise, High Efficiency



Five stage purification

G4, HEPA, Active Carbon, UV, Photocatalyst



Built-in Drain Pump

Ceiling Type Automatic Water Drain Pump



LCD Operation Panel

Temperature, Humidity, Air Quality tracking



EC Supply Fan

Low/High Speed, Quiet, High Efficiency

TECHNICAL SPECIFICATION

Model	KA-26XJ	KA-38XJ	KA-58XJ
Power Source	220V/50Hz/1Ph	220V/50Hz/1Ph	220V/50Hz/1Ph
Dehumidify Capacity (32°C, 90%)	26L/Day	38L/Day	58L/Day
Input Power/Current (32°C, 90%)	520W/2.7A	750W/3.9A	990W/5.2A
Refrigerant/Charge	R134a/350g	R134a/590g	R134a/800g
Supply Air Flow	350m ³ /h	450m ³ /h	540m ³ /h
Fresh Air Flow	170m ³ /h	200m ³ /h	250m ³ /h
Applicable Temp. Range	5-38°C	5-38°C	5-38°C
Applicable Area(H=2.7m)	20-40m ²	30-50m ²	40-60m ²
Weight	30Kg	40Kg	50Kg
Measurement(mm)	1142*375*236	1142*529*236	1175*576*256

**KA-1.0BD KA-2.0BD KA-5.0BD
KA-7.0CD KA-10.0CD
KA-15.0CD KA-20.0CD**

吊顶空气除湿机
Ceiling Mounted Dehumidifier



PRODUCT FEATURE

- Rigid metal casing, durable
- LCD digital operation & display panel
- Panasonic/Dakin/Gree brand compressor
- Washable air filter, easy to maintain
- Low/High air speed adjustable
- 1-24 hours timer on/off
- Low temperature auto-defrost
- Compressor three minutes delay start protection
- Remote control function, 10m standard shielded cable
RS485 communication protocol
- Ceiling mounted, saving installation space



Multi-functional LCD Controller



Smart Timer
Saving your energy bill



Auto-defrost
Protect the coil & compressor, prolong lifetime



Smart Memory
Recover to the set status automatically after power outage



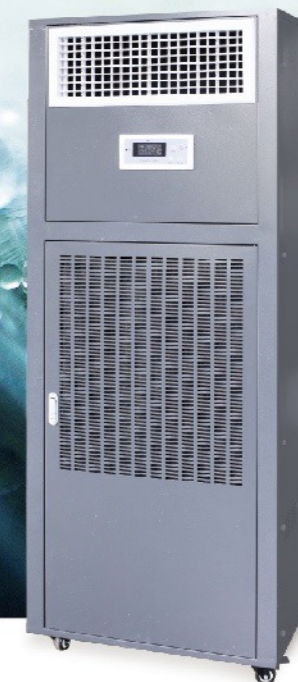
Rigid Metal Casing
CNC machine processed

Technical Specification

Model	KA-1.0BD	KA-2.0BD	KA-5.0BD	KA-7.0CD	KA-10.0CD	KA-15.0CD	KA-20.0CD
Rated Capacity(30°C,80%)	20L/D	58L/D	90L/D	168L/D	240L/D	336L/D	480L/D
Power Source	220V/50HZ	220V/50HZ	220V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ	380V/50HZ
Rated Power	320W	760W	1700W	2800W	4500W	7100W	9000W
Rated Current	1.5A	3.6A	7A	5.6A	9A	14A	18A
Refrigerant	R134a	R22	R22	R22	R22	R22	R22
Available Ambient Temp.	5-38°C	5-38°C	5-38°C	5-38°C	5-38°C	5-38°C	5-38°C
Available Area(2.6m)	20-45M ²	50-75M ²	90-170M ²	150-250M ²	190-300M ²	250-450M ²	450-750M ²
Drainage	Hose	Hose	Hose	Hose	Hose	Hose	Hose
Weight	20Kg	36Kg	60Kg	135Kg	160Kg	180Kg	240Kg
Measurement(L*W*H)	740×335×297mm	940×382×434mm	1046×600×469mm	1083 × 820 × 605mm		1300 × 1188 × 606mm	

**KA-2.0HSM KA-4.0HSM
KA-7.0HSM KA-10.0HSM
KA-15.0HSM KA-20.0HSM**

空气恒湿机
Constant Humidity Machine



PRODUCT FEATURE

- No water treatment required wet film, free of water carry-over
- Panasonic/Dakin/Gree brand compressor
- Low temperature auto-defrost
- Automatic power outage memory
- Self fault detection and warning
- Automatic/Manual water supply
- Water level detection, lack & over water alarm
- Free humidity setting, real time display of temperature & humidity
- Immersed water pump, prefect water & current leakage insulation



LED Digital Temperature and Humidity Display



Smart Timer
Saving your energy bill



Auto-defrost
Protect the coil & compressor, prolong lifetime



Smart Memory
Recover to the set status automatically after power outage



Rigid Metal Casing
CNC machine processed

Technical Specification

Model	KA-2.0HSM	KA-4.0HSM	KA-7.0HSM	KA-10HSM	KA-15.0HSM	KA-20.0HSM
Dehumidify Capacity(30°C,80%)	2Kg/H	4Kg/H	7Kg/H	10Kg/H	15Kg/H	20Kg/H
Power Source	220V/50Hz	220V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
Refrigeration Power	0.725KW	1.23KW	2.58KW	4.66W	5.16KW	9.32KW
Refrigeration Capacity	2.185KW	3.835KW	8.2KW	15KW	16.4KW	30KW
Dehumidify Power	0.98KW	1.5KW	2.8KW	5.5KW	5.6KW	9.0KW
Humidify Power	340W	340W	340W	340W	680W	680W
Total Power	1.6KW	2KW	4KW	6KW	8KW	11KW
Humidify Capacity	2Kg/H	3Kg/H	6Kg/H	9Kg/H	12Kg/H	15Kg/H
Available Ambient Temp.	5°C-38°C	5°C-38°C	5°C-38°C	5°C-38°C	5°C-38°C	5°C-38°C
Available Area(2.6m)	50-75m ²	90-170m ²	150-250m ²	190-300m ²	250-450m ²	450-750m ²
Air Flow	600m ³ /h	1000m ³ /h	2000m ³ /h	2800m ³ /h	4200m ³ /h	5600m ³ /h
Drainage	Hose	Hose	Hose	Hose	Hose	Hose
Water Supply	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual	Auto/Manual
Measurement	600×450×1370mm	650×480×1720mm	610×610×1850mm	750×750×1850mm	1250×650×1900mm	1250×650×1900mm

**KAJ3.0B KAJ6.0B
KAJ9.0B KAJ12.0B
KAJ15.0B KAJ18.0B**

空气超声波加湿机
Ultrasonic Humidifier



PRODUCT FEATURE

- LED digital display, automatic humidity control
- Low operation noise, over 95% mist efficiency
- Compact design, easy to install and maintain
- High accuracy humidity sensor
- Automatic water-lack protection and alarm
- Automatic water supply
- 304 stainless steel mist maker
- Bottom castors, easy to move about



Large LED digital screen display



Low noise supply fan



Efficient mist maker



Microcomputer control system

Technical Specification

Model	KAJ-3.0B	KAJ-6.0B	KAJ-9.0B	KAJ-12.0B	KAJ-15.0B	KAJ-18.0B
Rated Capacity	3.0Kg/h	6.0Kg/h	9.0Kg/h	12.0Kg/h	15.0Kg/h	18.0Kg/h
Power Source	220V/50HZ	220V/50HZ	220V/50HZ	220V/50HZ	220V/50HZ	220V/50HZ
Rated Power	400W	750W	1100W	1500W	1850W	2100W
Available Ambient Temp.	1-40°C	1-40°C	1-40°C	1-40°C	1-40°C	1-40°C
Available Area(2.6m)	50-80M ²	50-100M ²	100-150M ²	150-200M ²	200-260M ²	300-480M ²
Water Supply	Automatic	Automatic	Automatic	Automatic	Automatic	Automatic
Weight	40Kg	45Kg	50Kg	60Kg	70Kg	80Kg
Measurement(L*W*H)	330 × 460 × 620mm		450 × 460 × 790mm		615 × 460 × 775mm	
Package Size(L*W*H)	390 × 490 × 670mm		510 × 490 × 840mm		680 × 490 × 830mm	

**KAJ3.0M KAJ6.0M
KAJ9.0M KAJ12.0M**

空气湿膜加湿机
Wet Membrane Humidifier



PRODUCT FEATURE

- Ultra low energy humidifier, low running cost
- Over 95% output efficiency
- No water treatment required
- No water carry-over
- Compact design, trouble-free maintenance
- Self-clean function, prolong life time
- Anti-bacteria, anti-mold membrane, safe and hygienic
- <5µm water mist, free of white dust, no water droplet
- LED digital display, 1% humidity setting accuracy
- Automatic water-lack protection
- Manual/Automatic water supply



Large LED digital screen display



Efficient wet membrane



Low noise supply fan



Smart Timer

Technical Specification

Model	KAJ-3.0M	KAJ-6.0M	KAJ-9.0M	KAJ-12.0M
Rated Capacity	3Kg/h	6Kg/h	9Kg/h	12Kg/h
Power Source	220V/50HZ	220V/50HZ	220V/50HZ	220V/50HZ
Rated Power	130W	200W	270W	450W
Available Ambient Temp.	1-40°C	1-40°C	1-40°C	1-40°C
Available Area(2.6m)	70-150M ²	100-200M ²	200-400M ²	400-650M ²
Water Supply	Manual/Automatic	Manual/Automatic	Manual/Automatic	Manual/Automatic
Weight	65Kg	70Kg	73Kg	100Kg
Measurement(L*W*H)	525 × 450 × 1800mm		605 × 505 × 1980mm	
Package Size(L*W*H)	610 × 595 × 1825mm		680 × 595 × 2000mm	

空气恒温恒湿机

Precision Air Conditioner

-Solution for accurate air conditioning control

PRODUCT FEATURE

- Dehumidification, Humidification, Heating, Cooling all in one unit
- Precision control: $\pm 1^{\circ}\text{C}$ temperature control, $\pm 3\text{-}5\%$ RH humidity control
- Large air flow, high sensible heat ratio(SHR=0.95-0.99)
- Washable air filter & clean air quality; Optional UV, Ozone Generator available
- 365 days x 24hours non-stop operation, all season around
- PLC Touch Screen Control, equipped with standard RS485 communication interface, support remote real time monitoring and control
- Reliable Parts & Components:
 - ◆ **Panasonic/Dakin** brand compressor, long life time
 - ◆ **Schneider** electrical components
 - ◆ **SIEMENS** PLC & Touch Screen
 - ◆ **Emerson** refrigeration fitting
 - ◆ **E+E** temperature & humidity sensor
- Separated electrical components chamber, easy to maintain
- Multiple control & protection functions:
 - ◆ Automatic temperature & humidity control
 - ◆ Automatic self detection
 - ◆ Delay start & stop protection
 - ◆ Over current, over load, high voltage, low voltage protection
 - ◆ Lack phase, wrong phase protection
 - ◆ Low & high pressure protection



KAHWJ5 KAHWJ7 KAHWJ10 KAHWJ15 KAHWJ20 空气恒温恒湿机 Precision Air Conditioner



Technical Specification

Model	KAHWJ5	KAHWJ7	KAHWJ10	KAHWJ15	KAHWJ20	KAHWJ30
Dehumidification Capacity(kg/h)	5	7	10	15	20	30
Refrigeration Capacity(Kw)	4.66	8	15	16	30	45
Air Flow(m ³ /h)	1300	2000	2500	4000	5000	7500
E.S.P(Pa)	100	150	200	220	250	250
Temperature Control Range	18-30 \pm 1 $^{\circ}\text{C}$					
Humidity Control Range	50-70 \pm 5%					
Compressor Type	Rotary			Hermetic Scroll		
Compressor Power(Kw)	1.55	2.58	4.66	2.58*2	4.66*2	4.66*3
Power Source	220V/50Hz/1Ph			380V/50Hz/3Ph		
Coil Type	Copper Tube & Aluminum Fin					
Filter	G4 Coarse Filter(Optional Medium Filter, UV, Ozonizer available)					
Noise Level(dB)	55	60	65	70	72	72
Supply Fan Type	Low Noise Centrifugal Fan					
Supply Fan Power(Kw)	0.15	0.25	0.37	0.25*2	0.37*2	0.8*2
Heater	Stainless Steel Fin Type Heater					
Heater Power(Kw)	3.15	5	9	9.6	18	27
Humidifier Type	Electrode Humidifier					
Humidifier Power(Kw)	1.5	3	3	3	6	6
Humidifier Capacity(kg/h)	2	4	4	4	8	8
Indoor Unit Size(mm)	680*500*1820	780*600*1900	780*600*1900	1380*820*1900	1380*820*1900	1900*900*2100
Indoor Unit Weight(kg)	65	75	100	150	200	420
Outdoor Unit Size(mm)	950*425*840	950*425*840	760*760*900	1670*900*1000	1670*900*1000	1670*900*1000
Outdoor Unit Weight(kg)	50	80	120	240	300	400

35L/DAY-360L/DAY

高温除湿机

High Temperature Dehumidifier



BCF-3 BCF-5 BCF-8 BCF-10 BCF-14 BCF-20

防爆空气除湿机

Explosion - proof Dehumidifier



PRODUCT FEATURE

- Metal frame & casing, none flammable, none explosive, safe & reliable
- Max. 60°C high temperature working condition
- Panasonic/Dakin/Hitachi brand compressor, ensure long life time operation
- Multiple protection such as overload protection, short-circuit protection, phase lack/wrong protection, Over temperature protection, High & low pressure protection etc.
- Multiple functional operation & alarm interface such as temperature & humidity display, failure code etc.

Technical Specification

Model	DH-858D/H	DH-8138/H	KA-7.0/H	KA-8.0/H	KA-9.0/H
Rated Capacity (30°C, 80%)	35L/DAY	80L/DAY	100L/DAY	115L/DAY	130L/DAY
Power Source	220V/50Hz	220V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
Rated Power	760W	1081W	2800W	3500W	4200W
Rated Current	3.6A	4.9A	5.6A	7.0A	8.4A
Available Ambient Temp.	5-60°C	5-60°C	5-60°C	5-60°C	5-60°C
Available Area(2.6m)	30-45m ²	60-126m ²	90-150m ²	102-162m ²	108-168m ²
Drainage	Bucket/Hose	Hose	Hose	Hose	Hose
Weight	35kg	50kg	122kg	130kg	135kg
Measurement	380x457x620mm	500x380x910mm	605x405x1610mm		750x465x1690mm
Model	KA-10.0/H	KA-12.0/H	KA-15.0/H	KA-20.0/H	KA-25.0/H
Rated Capacity (30°C, 80%)	144L/DAY	173L/DAY	216L/DAY	288L/DAY	360L/DAY
Power Source	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
Rated Power	4500W	5000W	5600W	9000W	11000W
Rated Current	9.0A	10.0A	11.5A	18.0A	22.0A
Refrigerant	R12	R12	R12	R12	R12
Available Ambient Temp.	5-60°C	5-60°C	5-60°C	5-60°C	5-60°C
Available Area(2.6m)	114-180m ²	150-228m ²	150-270m ²	270-450	330-510m ²
Drainage	Hose	Hose	Hose	Hose	Hose
Weight	140kg	150kg	170kg	230kg	240kg
Measurement	750x465x1690mm		1195x545x1750mm		

PRODUCT FEATURE

- CNEX proved explosion certificate
- Exdibmb IIB T4 and Exdibmb IIC T4 explosion proof level
- Metal frame & casing, none flammable, none explosive, safe & reliable
- Comply with Chinese & International Standard:
 - GB 3836.1-2010(IEC 60079-0:2007): Explosive Atmospheres Part 1: Equipment-General requirements
 - GB 3836.2-2010(IEC 60079-1:2007): Explosive Atmospheres Part 1: Equipment protection by flameproof enclosures "d"
 - GB 3836.4-2010(IEC 60079-11:2006): Explosive Atmospheres Part 4: Equipment protection by intrinsic safety "i"
 - GB 3836.9-2014(IEC 60079-18:2009): Explosive Atmospheres Part 4: Equipment protection by type of protection "m"
 - GB 3836.15-2000 (IEC 60079-14:1996): Electrical apparatus for explosive gas atmospheres Part 15: Electrical installations in hazardous areas (other than mines)

Technical Specification

Model	BCF-3	BCF-5	BCF-8	BCF-10	BCF-14	BCF-20
Rated Capacity (30°C, 80%)	3kg/h	5kg/h	8kg/h	10kg/h	14kg/h	20kg/h
Power Source	220V/50Hz	220V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz	380V/50Hz
Rated Power	760W	1500W	2800W	4500W	5600W	9000W
Rated Current	3.6A	7A	5.6A	9A	11.5A	18A
Refrigerant	R22	R22	R22	R22	R22	R22
Available Ambient Temp.	5-38°C	5-38°C	5-38°C	5-38°C	5-38°C	5-38°C
Available Area(2.6m)	50-75m ²	90-170m ²	150-250m ²	190-300m ²	250-450m ²	450-750m ²
Drainage	Bucket/Hose	Hose	Hose	Hose	Hose	Hose
Weight	35kg	63kg	130kg	150kg	180kg	240kg
Measurement	322x457x620mm	480x400x985mm	605x405x1610mm	750x465x1690mm	1195x545x1750mm	

KAG-1.0X KAG-2.0X KAG-5.0X KAG-7.0X

空气新风除湿机
Fresh Air Dehumidifier



Compact Desiccant Rotor Dehumidifier



PRODUCT FEATURE

- Fresh Air + Dehumidification + Purification All in One Unit
- Free combination with air conditioning system
- Compact ceiling mounted, easy to maintain
- Panasonic/Hitachi brand compressor
- LCD remote operation interface, Automatic temperature, RH, CO2 tracking
- 6 Stages Air Purification: G4, HEPA, Active Carbon, UV, Photocatalyst, Ionizer

Technical Specification

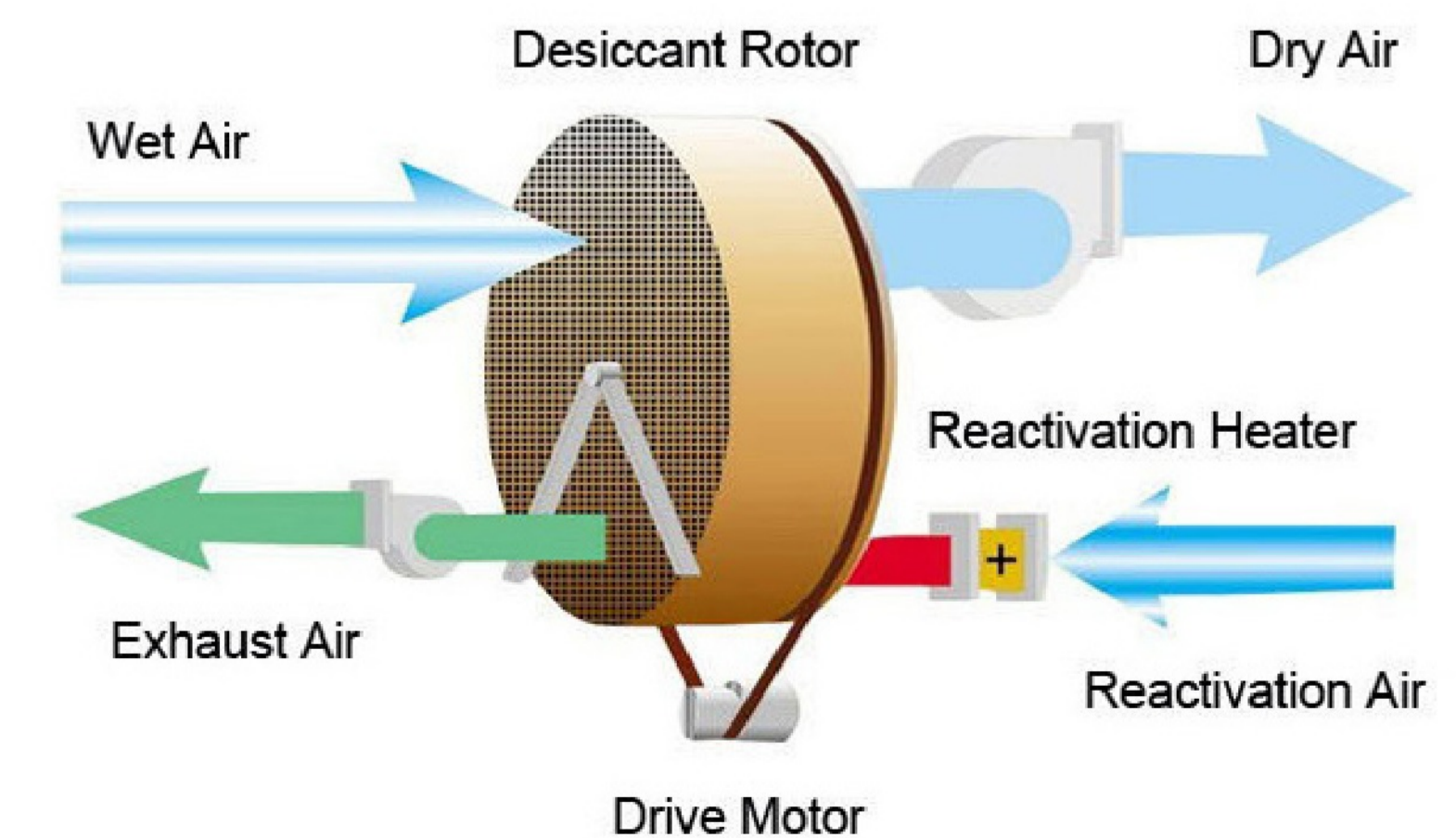
Model	KAG-1.0X	KAG-2.0X	KAG-5.0X	KAG-7.0X
Power Source	220V/50Hz/1Ph	220V/50Hz/1Ph	220V/50Hz/1Ph	380V/50Hz/3Ph
Available Ambient Condition	5-38°C	5-38°C	5-38°C	5-38°C
Input Power(W)	550	980	1400	2800
Input Current(A)	2.5	4.5	6.5	5.6
Capacity(30°C, 80%RH)	27L/Day	58L/Day	90L/Day	168L/Day
Total Air Flow(m3/h)	300	500	800	2200
Fresh Air Flow(m3/h)	0-180	0-250	0-400	0-400
G4 Filter	YES	YES	YES	YES
HEPA Filter	YES	YES	YES	YES
Active Carbon Filter	YES	YES	YES	YES
UV Sterilization	YES	YES	YES	YES
Photocatalyst Filter	YES	YES	YES	YES
Ionizer Generator	YES	YES	YES	YES
Fresh Air Inlet	75	110	120	150
Return Air Inlet	120	160	300	400
Supply Air Outlet	120	160	150	150
Operation Panel	LCD	LCD	LCD	LCD
Measurement(mm)	960*425*320	1300*445*435	1360*590*470	1300*850*605

Technical Specification

Model	KAL-200	KAL-550	KAL-800	KAL1000	KAL1500	KAL-2000
Capacity (27°C, RH60%)	0.7kg/h	2.6kg/h	7.0kg/h	8.6kg/h	13.0kg/h	17.3kg/h
Power Source	220V/50Hz/1Ph			380V/50Hz/3Ph		
Rotor Size(mm)	Φ180x50	Φ350x100	Φ370x200	Φ410x200	Φ500x200	Φ580x200
Heater Power(W)	1000	4000	9000	10000	16000	20000
Supply Fan Power(W)	70	160	750	750	550	1100
React Fan Power(W)	35	100	750	750	750	750
Rotor Motor Power(W)	10	10	60	60	60	60
Total Install Power(W)	1115	4270	10560	11560	17360	21910
Supply Air Inlet & Outlet(mm)	Φ100	Φ200	Φ200	Φ200	Φ250	Φ250
React Air Inlet & Outlet(mm)	Φ80	Φ80	Φ200	Φ200	Φ200	Φ200
React. Air Flow (m3/h)	70	200	300	400	500	700
Supply Air Flow (m3/h)	210	550	800	1000	1500	2000
Supply Air E.S.P(Pa)	100	100	350	350	200	350
Air Filter	G4	G4	G4	G4	G4	G4
Net Weight(kg)	30	50	265	300	350	400
Measurement(WxDxH)(mm)	400*750*465	600*950*645	700*700*1600	750*750*1650	800*900*1750	900*950*1800

PRODUCT FEATURE

- Compact design, ideal unit for small area dehumidification
- Proflute(Sweden) long lifetime desiccant rotor
- LED digital screen, PLC control system(KAL800-2000)
- Multiple functions & protections, ensure stable operation
- Clamping type air flanges, easy for duct installation
- Washable air filters & accessible door, easy to maintain
- Bottom castors, easy to move around



Standard Desiccant Rotor Dehumidifier



Packaged Desiccant Rotor Dehumidifier



PRODUCT FEATURE

- Standard modular design, free combination with AHU
- Proflute/Sweden rotor, long life service time
- Reliable brand components: E+E, ABB, SIEMENS
- Simple & trouble free HMI operation interface
- Voluteless supply fan, easy for easy maintenance
- Double skin PU foamed insulation panel, NFPA 90A standard
- Cold bridge break aluminum alloy profile prevents panel condensation

Technical Specification

Item	Unit	KAL-1500	KAL-3000	KAL-5000	KAL-8000	KAL-12000	KAL-20000	KAL-25000	KAL-30000
Rated Capacity	Kg/h	9.45	17.7	30.8	49.7	80.5	129	159.5	202.5
Rated Air Flow	m3/h	1500	3000	5000	8000	12000	20000	25000	30000
Available Air Flow	m3/h	720-2040	1380-4020	2280-6660	3720-10740	6120-17460	9720-27900	12060-34440	15360-43920
Reactivation Air Flow	m3/h	500	1000	1667	2667	4000	6667	6250	10000
Reactivation Power	Steam	Kg/h	40	70	120	200	300	500	700
	Φ,mm	DN20	DN20	DN20	DN25	DN25	DN32	DN32	DN40
	Electric	KW	18	36	60	96	144	240	353
Reactivation Fan Power	KW	0.37	0.75	1.5	2.2	3	7.5	11	15
Drive Motor Power	KW	0.12	0.18	0.25	0.25	0.37	0.37	0.37	0.37
Rotor Diameter	mm	550	770	965	1220	1525	1940	2190	2450
Size	L	mm	1150	1350	1500	1620	1870	2200	2200
	W	mm	920	1150	1350	1540	1960	2150	2300
	H	mm	1560	1830	2200	2540	3230	3370	3400
Supply Air Inlet & Outlet	mm×mm	320×200	500×320	800×320	800×500	1000×630	1250×800	1600×800	1600×1000
Reactivation Air Inlet	mm×mm	320×250	550×225	630×400	750×500	800×500	800×630	850×650	875×550
Reactivation Air Outlet	mm×mm	125×125	200×175	200×200	200×320	200×320	320×250	525×300	500×350
Unit Weight	Kg	220	260	350	420	550	700	900	1200

Remark: Rotor: 200mm, silica gel Rated Reactivation Temperature=140°C
 Test air condition=27°C, 60%RH Reactivation Steam Pressure=4.5±0.5bar

PRODUCT FEATURE

- Highly integrated unit, handle both temperature & humidity
- Proflute/Sweden rotor, long life service time
- Reliable brand components: E+E, ABB, SIEMENS
- Simple & trouble free HMI operation interface
- Auto/Manual operation mode, multiple built-in protection system
- Voluteless supply fan, VSD controller available
- Double skin PU foamed insulation panel, NFPA 90A standard
- Cold bridge break aluminum alloy profile prevents panel condensation
- G4 till F8 air filter, incorporated with pressure differential gauge

Technical Specification

Item	Unit	KAW-1000	KAW-2000	KAW-3000	KAW-5000	KAW-7500	KAW-10000
Rated Capacity	Kg/h	26	53	78	131	186	255
Rated Air Flow	m3/h	1000	2000	3000	5000	7500	10000
Refrigeration Capacity	x10 ³ BTU	75	123	154	205	382	505
E.S.P	Pa	200-500	200-500	200-500	200-500	200-500	200-500
Noise Level Without Duct	dB(A)	65	69	72	75	77	79
Temperature Control Range		18-22°C±1°C					
Humidity Control Range		16-22%±3%					
Power Source		380V/50Hz/3Ph					
Reactivation Power	Steam	Kg/h	20.4	37.4	57.8	95.2	141.1
	Electric	KW	12	22	34	56	83
Reactivation Fan Power	KW	0.18	0.37	0.75	1.5	2.2	3
Supply Fan Power	KW	1.5	2.2	3	5	7.5	13
Rotor Motor Power	KW	0.12	0.18	0.18	0.25	0.25	0.37
Refrigeration System	Chilled Water Flux	Ton/h	3.8	6.2	7.7	10.3	19.2
	Compressor Power	KW	6.89	11.2	14	10.2x2	17.7x2
Measurement	mm	3800x1000x1100		4500x1150x1200		6000x1600x1700	
Unit Weight	Kg	620	790	930	1100	1350	1800

Remark: Rotor: 200mm, silica gel Rated Reactivation Temperature=140°C
 Test air condition=27°C, 60%RH Reactivation Steam Pressure=4.5±0.5bar

Ultra Low Dew Point Dehumidifier



PRODUCT FEATURE

- -70°C low dew point dehumidifier, suitable for lithium battery application
- Profute/Sweden rotor, silica gel & molecular sieve, long life service time
- Reliable brand components: E+E, ABB, SIEMENS
- Simple & trouble free HMI operation interface
- Auto/Manual operation mode, multiple built-in protection system
- Voluteless supply fan, VSD controller available
- Double skin PU foamed insulation panel, NFPA 90A standard
- Cold bridge break aluminum alloy profile prevents panel condensation
- G4 till F8 air filter, incorporated with pressure differential gauge

Technical Specification

Item	Unit	KAD-5	KAD-10	KAD-20	KAD-30	KAD-50	KAD-75	KAD-100	KAD-150	
Rated Air Flow	m ³ /h	500	1000	2000	3000	5000	7500	10000	15000	
Available space	m ³	38	60	100	150	230	350	420	500	
Refrigeration Capacity	x10 ³ BTU	102	157	222	280	355	570	690	1075	
E.S.P	Pa	200-1000	200-1000	200-1000	200-1000	200-1000	200-1000	200-1000	200-1000	
Noise Level Without Duct	dB(A)	62	65	67	69	72	75	77	79	
Temperature Control Range	18-26°C±1°C									
Humidity Control Accuracy	0.2-1%									
Power Source	380V/50Hz/3Ph									
Reactivation Power	Steam	Kg/h	15.3	35.7	66.3	103.7	171.7	253.3	333.2	486.2
	Electric	KW	9	21	39	61	101	149	196	286
Reactivation Fan Power	KW	0.18	0.37	0.75	1.1	1.5	2.2	3.0	5.5	
Supply Fan Power	KW	1.5	2.2	3	4	7.5	8.5	11	13	
Chilled Water Flux	Ton/h	5.1	7.9	11.1	14.1	17.8	28.6	34.6	54.0	
Measurement	mm	4500x1550x2200		5500x1750x2350		6000x1850x2500		6500x2000x2650		
Unit Weight	Kg	1300	1800	2360	2780	3350	3850	4450	4850	

Remark: Rotor: silica gel & molecular sieve Rated Reactivation Temperature=140°C
 Test air condition=27°C, 60%RH Reactivation Steam Pressure=4.5±0.5bar

Shipyard/LNG Tank Blasting & Coating Dehumidifier



PRODUCT FEATURE

- Combines the benefits of desiccant dehumidifiers with the cooling of DX air conditioners to treat make up air.
- Designed for transport with all replaceable components accessible through hinged doors and built in supply air duct ports for quick installation of flexible duct work.
- Heavy duty container type structure can easily be relocated without the concern of it becoming damaged.
- Available inlet air condition: -10~40°C RH=50~95% for all reason ambient condition operation; Supply air condition: 25±3°C, RH≤45%
- Automatic operation mode for nonstop working & manual operation mode for commissioning.
- Semi-hermetic screw compressor, 4 steps energy level adjustment
- International brand components & fittings, easy for job site replacement & maintain
- Multiple protection & self trouble shooting program

Technical Specification

Item	Unit	KAT-6	KAT-9	KAT-12	KAT-15	KAT-18	
Rated Air Flow	m ³ /h	6000	9000	12000	15000	18000	
Refrigeration Capacity	kW*h	120	180	240	300	360	
Electrical Heating Power	kW	54	81	108	135	162	
Output Air Temperature & Humidity	T=18~25±3°C RH≤45%						
Available Ambient Air Condition	T=-10~45°C RH≤95%						
Power Source	380V/50Hz/3Ph						
External Static Pressure	Pa	≥1200	≥1200	≥1200	≥1200	≥1200	
Air Outlets		4xΦ200	4xΦ250	4xΦ300	6xΦ250	6xΦ300	
Rated Max. Power	kW	102	162	215	264	323	
Noise Level	dB(A)	75	78	80	81	82	
Supply Fan Power	kW	7.5	11	15	18.5	22	
Reactivation Fan Power	kW	1.1	1.5	1.5	2.2	3	
Reactivation Power	KW	45	67.5	90	108	135	
Rotor Motor Power	kW	0.04	0.06	0.09	0.1	0.1	
Compressor & Refrigerant	Semi-hermetic screw compressor, R407c						
Compressor Power	kW	30	45	60	75	90	
Condenser & Evaporator	Copper tube & aluminum fins type						
Condensate Fan Power	kW	7.5	11	11	2x22	2x22	
Post Heater Power	KW	54	81	108	135	162	
Measurement	L	mm	4400	4800	4800	5400	5600
	W	mm	2000	2240	2240	2240	2240
	H	mm	2400	2600	2600	2800	2800
Weight	kg	4500	5200	5600	6000	6600	