

ATTOM

Precision Cooling for Hot Climates

Building Foundation of Digital Future



 **ATTOM**

Customized Efficiency

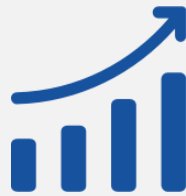
Why Work with Attom

We are experts of data center thermal management system



Quality

Products designed with heart featuring reliable quality and balanced cost to improve your business margin and performance.



Speed

A professional team always standby with service spirit and quick response to support your business agility.



Flexibility

Fully customizable as per your requirements to build your own product solution and boost your own business.

Certifications

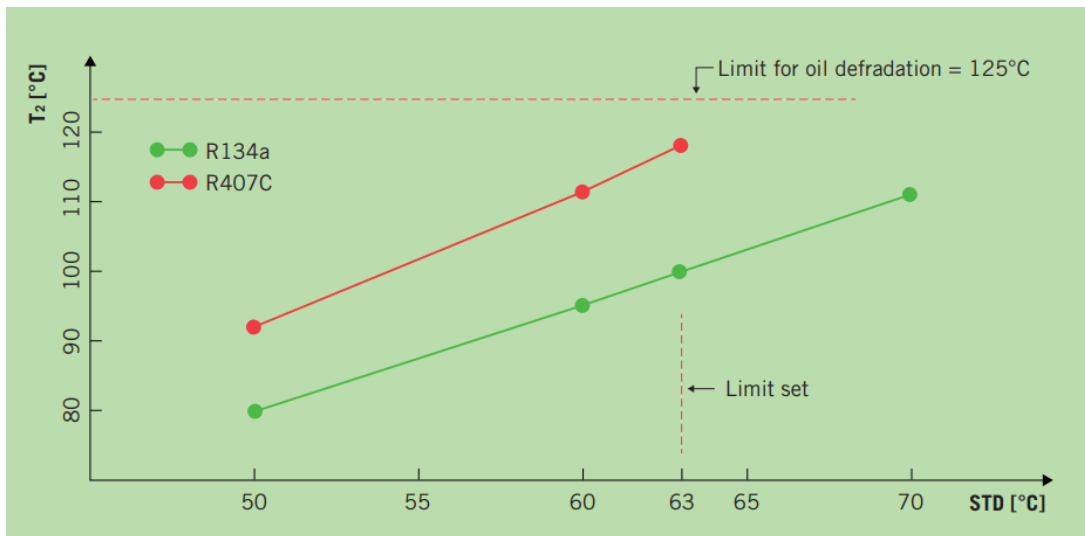


Attom Precision Cooling Platform

❄️ Optimized Design up to 55C Ambient

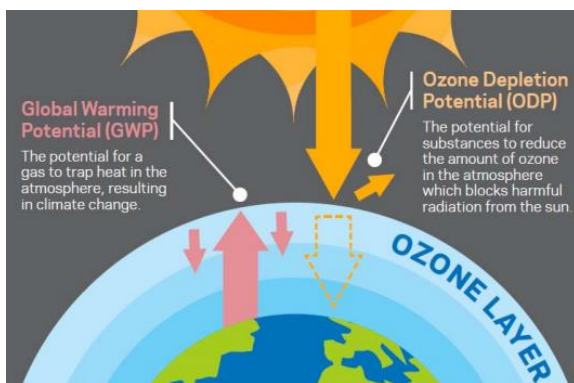
Hot Climate Optimized Refrigeration System

Refrigeration system of hot climate optimized, using R134A to be working at 55C ambient temperature with high reliability.



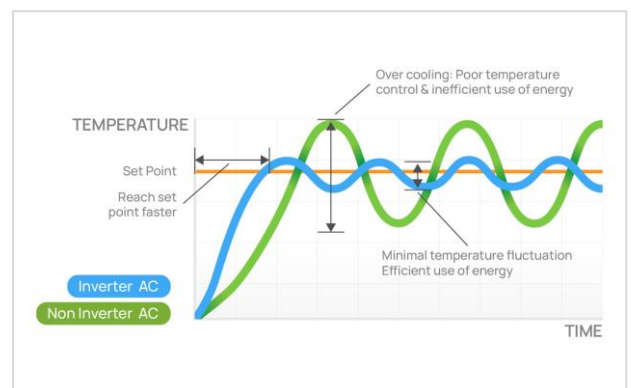
R134A Refrigerant

Green refrigerant R134A with lower working pressure, zero ODP(ozone depletion potential) effect, and lower GWP(global warming potential) value of 1430.



Inverter Compressor

Capacity adjustable 30%~100%. Stable working and improved compressor life by Modulating compressor speed, no on/off inrush working mode.

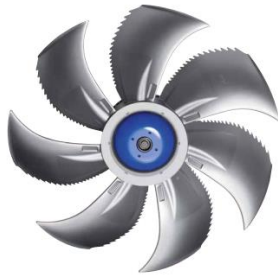


Attom Precision Cooling Platform

❄️ Top Level Highly Reliable Components



HITACHI



ZIEHL-ABEGG



CAREL



ZIEHL-ABEGG



ZIEHL-ABEGG



CAREL



SCHNEIDER
ELECTRIC



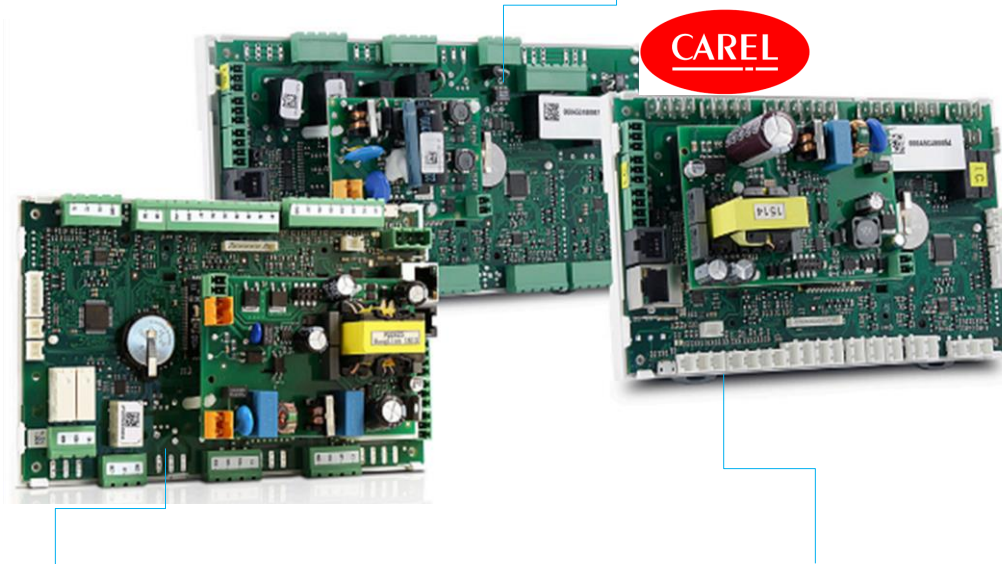
BELIMO

Attom Precision Cooling Platform









❄️ Powerful Intelligent Control System

Interfaces









-  Touch Display
-  Web Access
-  Remote Monitoring
-  Email Alert
-  Alarm Contacts
-  Team Work



Sensors

-  Pressure Sensor
-  *Filter Sensor
-  Water Sensor
-  *Airflow Sensor
-  Power Meter
-  Fire Panel
-  Built-in T&H Sensor
-  *Remote T&H Sensor

Controls

-  Inverter Compressor
30%-100%
-  Steam Humidifier
DO
-  Indoor EC Fan
0%-100%
-  PTC Reheater
DO
-  Electronic Expansion Valve
0%-100%
-  *Condensate Pump
DO
-  Outdoor EC/Inverter Fan
0%-100%
-  *Solenoid Valve
DO

Attom Precision Cooling Platform

❄️ SmoothAir™ Modular Precision Cooling

Cooling Range: 1.5kW - 30kW

Specially designed and optimized for Modular Data Centers.



❄️ WiseAir™ Room Precision Cooling

Cooling range: 5.6kW - 200kW

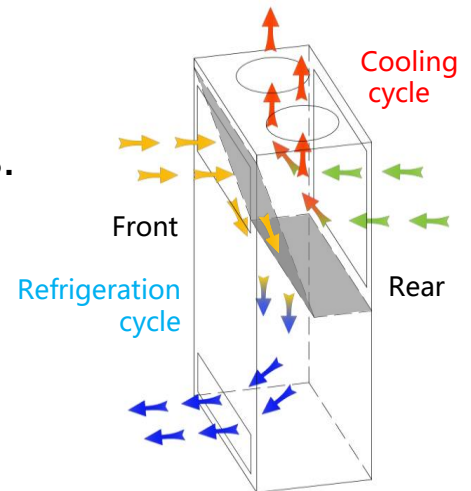
Highly reliable computer room air conditioner solutions.



SmoothAir™ – Wall Mount Package DX

Air cooled, wall mount, indoor and outdoor packaged, suitable for micro data center, mini modular data center solutions.

1.5kW – 31.5kW



- 1** Industry top brand compressor. Highly reliable and efficient.
- 2** Precision cooling controller monitors and protects unit constantly. Easy to be integrated into BMS to display, control and manage the system.
- 3** Adopts high pressure/high air flow centrifugal blower suiting critical equipment cooling condition.
- 4** Packaged design easy for installation, service and shipping.
- 5** Wall mounting to side of cabinet no occupying of IT space.
- 6** Green refrigerant is highly efficient and no ODP.

SmoothAir™ – Wall Mount Package DX

Technical Data

Model	S-001WA	S-002WA	S-005WA	S-007WA	S-012WA	S-017WA	S-020WA	S-025WA	S-030WA
Mount Type	Wall	Wall	Wall	Wall	Wall	Wall	Wall	Wall	Wall
Cooling Type	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX
Refrigerant Type	R134A	R134A	R134A	R134A	R134A	R134A	R134A	R134A	R134A
Total Cooling-kW	1.5	2.0	5.5	7.5	12.5	17.5	21.2	25.1	31.5
SHR-%	100	100	100	100	100	100	100	100	100
Air Volume-m3/h	380	650	1850	2000	2400	3500	4000	5100	6300
Fan Type	AC	AC	EC	EC	EC	EC	EC	EC	EC
Reheating – kW	-	-	3.0	3.0	3.0	6.0	6.0	6.0	6.0
Heater Type	-	-	PTC	PTC	PTC	PTC	PTC	PTC	PTC
Humidification -kg/h	-	-	1.5	1.5	1.5	1.5	1.5	1.5	3
Humidifier Type	-	-	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode
Height-mm	746	746	1920	1920	2100	2100	2100	2100	2100
Depth-mm	200	200	650	650	650	650	650	650	650
Width-mm	446	446	900	900	1000	1000	1000	1350	1350
Weight-kg	34	35	180	230	285	320	355	395	415
Power Input ¹⁾	208-240V/50-60Hz/1-2Ph	208-240V/50-60Hz/1-2Ph	208-240V/50-60Hz/1-2Ph	208-240V/50-60Hz/1-2Ph	208V/60Hz/3Ph	208V/60Hz/3Ph	208V/60Hz/3Ph	208V/60Hz/3Ph	208V/60Hz/3Ph
FLA-A ¹⁾ cooling only	2.9	3.9	12.2	13.3	17.2	28.7	29.7	36.7	44.0
FLA-A ²⁾ with heater & hum.	-	-	25.9	26.9	25.4	45.3	46.3	54.2	62.0
Power Input ²⁾	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph
FLA-A ¹⁾ cooling only	-	-	-	-	11.0	17.8	18.4	23.0	27.3
FLA-A ²⁾ with heater & hum.	-	-	-	-	15.5	26.8	27.5	32.1	36.4
Power Input ³⁾	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph
FLA-A ¹⁾ cooling only	-	-	-	-	9.6	15.3	15.8	20.0	23.5
FLA-A ²⁾ with heater & hum.	-	-	-	-	13.3	22.8	23.3	27.5	31.0

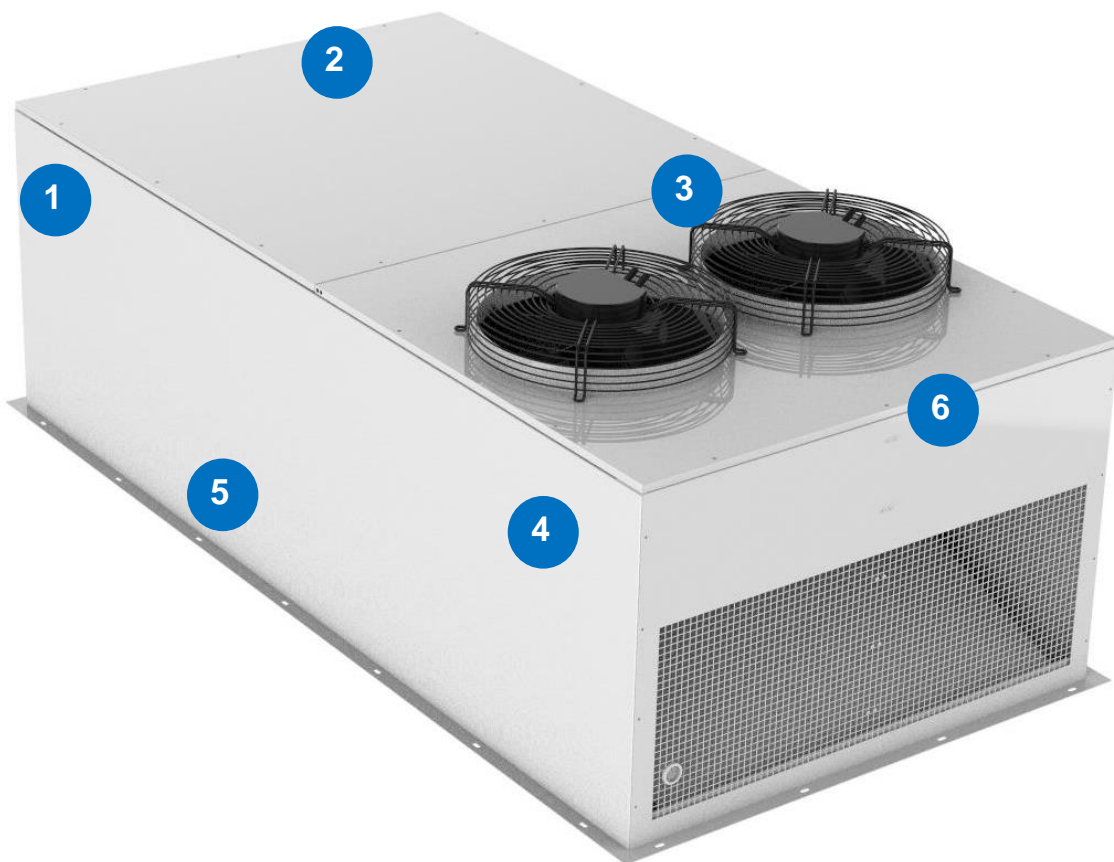
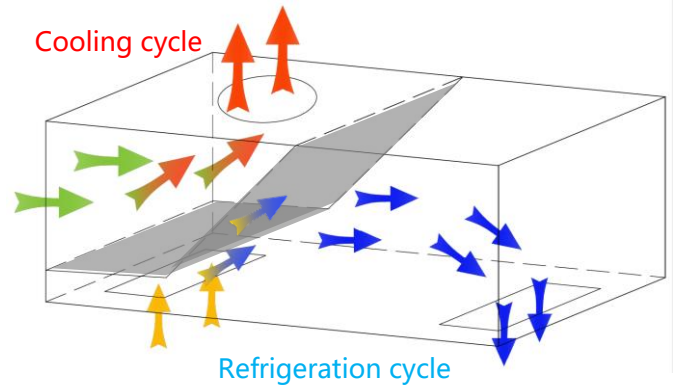
Notes:

1. Cooling Capacity based on 26C/40%RH return air and 35C outdoor air.
2. The maximum working ambient temperature up to 55C.

SmoothAir™ – Top Mount Package DX

Air cooled, Top mount, indoor and outdoor packaged, suitable for Container data center solutions.

5.5kW–31.5kW



- 1 Industry top brand compressor. Highly reliable and efficient.
- 2 Precision cooling controller monitors and protects unit constantly. Easy to be integrated into BMS to display, control and manage the system.
- 3 Adopts high pressure/high air flow centrifugal blower suiting critical equipment cooling condition.
- 4 Packaged design easy for installation, service and shipping.
- 5 Top mounting to the container, no occupying of IT space.
- 6 Green refrigerant is highly efficient and no ODP.

SmoothAir™ – Top Mount Package DX

Technical Data							
Model	S-005TA	S-007TA	S-012TA	S-017TA	S-020TA	S-025TA	S-030TA
Mount Type	Top	Top	Top	Top	Top	Top	Top
Cooling Type	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX
Refrigerant Type	R134A	R134A	R134A	R134A	R134A	R134A	R134A
Total Cooling-kW	5.5	7.5	12.5	17.5	21.2	25.1	31.5
SHR-%	100	100	100	100	100	100	100
Air Volume-m3/h	1850	2000	2400	3500	4000	5100	6300
Fan Type	EC	EC	EC	EC	EC	EC	EC
Reheating – kW	3.0	3.0	3.0	6.0	6.0	6.0	6.0
Heater Type	PTC	PTC	PTC	PTC	PTC	PTC	PTC
Humidification -kg/h	1.5	1.5	1.5	1.5	1.5	1.5	3
Humidifier Type	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode
Height-mm	650	650	850	850	850	850	850
Length-mm	2000	2000	2000	2000	2000	2000	2000
Width-mm	600	600	1000	1000	1000	1200	1200
Weight-kg	180	230	285	320	355	395	415
Power Input ¹⁾	208-240V/50-60Hz/1-2Ph	208-240V/50-60Hz/1-2Ph	208V/60Hz/3Ph	208V/60Hz/3Ph	208V/60Hz/3Ph	208V/60Hz/3Ph	208V/60Hz/3Ph
FLA-A ¹⁾ cooling only	12.2	13.3	17.2	28.7	29.7	36.7	44.0
FLA-A ²⁾ with heater & hum.	25.9	26.9	25.4	45.3	46.3	54.2	62.0
Power Input ²⁾	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph
FLA-A ¹⁾ cooling only	-	-	11.0	17.8	18.4	23.0	27.3
FLA-A ²⁾ with heater & hum.	-	-	15.5	26.8	27.5	32.1	36.4
Power Input ³⁾	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph
FLA-A ¹⁾ cooling only	-	-	9.6	15.3	15.8	20.0	23.5
FLA-A ²⁾ with heater & hum.	-	-	13.3	22.8	23.3	27.5	31.0

Notes:

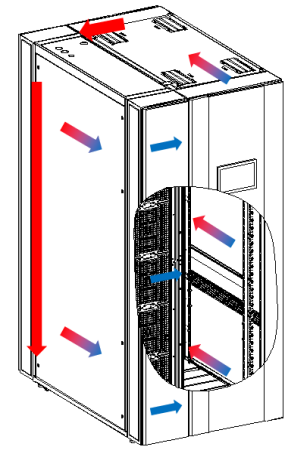
1. Cooling Capacity based on 26C/40%RH return air and 35C outdoor air.
2. The maximum working ambient temperature up to 55C.

SmoothAir™ – Row Mount DX

Air cooled, row mount, split type, ideal for micro data center, integrated modular data center solutions.

5.6kW – 30.2kW

300mm | 600mm Width



- 1** Dynamically modulated cooling capacity with inverter compressor maintains temperature within envelope and prevent compressor from cycling during low heat load period.
- 2** Air flow modulates with EC fans to match IT equipment requirements. Each fan module is easy to change with quick couple connections.
- 3** Precision cooling controller monitors and protects unit constantly. Easy to be integrated into BMS to display, control and manage the system.
- 4** R410A green refrigerant is highly efficient and no ODP.
- 5** Copper piping adopts quick connections and supports bottom and top connections.
- 6** Easy to change G4 air filter and sealed doors help to build a clean and quiet MDC.
- 7** Slide drawer style electric box makes service easier.
- 8** Optional with condensate pump, leaking kit and long piping kit for diverse applications.

SmoothAir™ – Row Mount DX

Technical Data							
Indoor Unit	S-005RA	S-007RA	S-012RA	S-017RA	S-020RA	S-025RA	S-030RA
Mount Type	Row	Row	Row	Row	Row	Row	Row
Cooling Type	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX
Refrigerant Type	R134A	R134A	R134A	R134A	R134A	R134A	R134A
Total Cooling-kW	5.6	7.6	12.8	17.6	21.2	25.1	31.1
SHR-%	100	100	100	100	100	100	100
Air Volume-m ³ /h	2000	2250	2400	4500	4920	5000	5800
Fan Type	EC	EC	EC	EC	EC	EC	EC
Reheat – kW	3.0	3.0	3.0	6.0	6.0	6.0	6.0
Heater Type	PTC	PTC	PTC	PTC	PTC	PTC	PTC
Humidification -kg/h	1.5	1.5	1.5	1.5	1.5	1.5	3
Humidifier Type	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode
Filter Rating	G4	G4	G4	G4	G4	G4	G4
Height -mm	2000	2000	2000	2000	2000	2000	2000
Depth -mm	1100	1100	1100	1100	1100	1100	1100
Width -mm	300	300	300	300	300	300	300
Weight – kg	210	213	233	253	258	260	320
Power Input ¹⁾	208-240V/50-60Hz /1-2Ph	208-240V/50-60Hz /1-2Ph	208-240V/50-60Hz /1-2Ph	208-230V/50-60Hz/3Ph	208-230V/50-60Hz/3Ph	208-230V/50-60Hz/3Ph	208-230V/50-60Hz/3Ph
FLA-A ¹⁾ cooling only	13.0	14.0	21.0	27.6	28.5	34.5	41.7
FLA-A ¹⁾ with heater & hum.	24.5	25.5	34.9	44.3	45.1	51.2	58.4
Power Input ²⁾	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph
FLA-A ²⁾ cooling only	-	-	13.9	16.7	17.2	20.9	25.0
FLA-A ²⁾ with heater & hum.	-	-	19.7	25.8	26.3	30.0	34.1
Power Input ³⁾	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph
FLA-A ³⁾ cooling only	-	-	12.6	14.4	14.8	18.0	21.5
FLA-A ³⁾ with heater & hum.	-	-	18.4	21.9	22.3	25.6	29.0
Standard Outdoor Unit							
Unit Model	KSF08AN	KSF12AN	KSF18AN	KSF24AN	KSF32AN	KSF38AN	KSF42AN
Unit Qty	1	1	1	1	1	1	1

Notes:

1. Air flow is based upon standard fan speed setting. Fan modulates per real loads.
2. Cooling Capacity based on 37°C/24%RH return air and 45°C condensing temperature.
3. FLA of indoor unit includes FLA of outdoor unit, and outdoor unit power connected from indoor unit.
4. SNMP monitoring port, dual power input, and leaking detection are optional.
5. Standard unit works -15°C above outdoor temperature, select low temperature kit to run for -35C outdoor ambient temperature.

WiseAir™ – Product Configuration



1

Highly reliable scroll compressor

2

Industry leading brands EC fan

3

Intelligent industry-leading controller with color touch screen. Supports BMS integration, teamwork and master/slave working policy.

4

A large area of high-efficiency heat exchanger

5

Industry-leading brands thermostatic expansion valve/electronic expansion valve

6

A large area air filtration system closed to heat exchanger

7

Highly efficient electrode humidifier

8

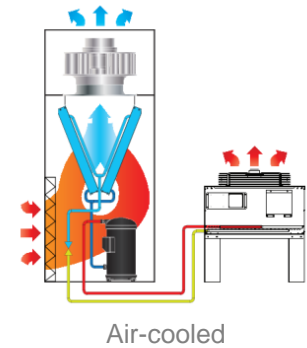
Modular design of cabinet can easily achieve secondary disassembly

WiseAir™ – Product Configuration

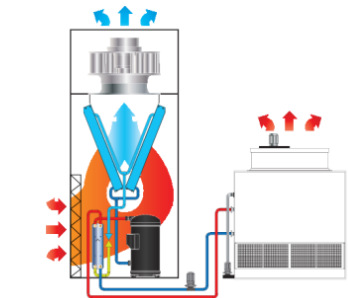
- Downflow



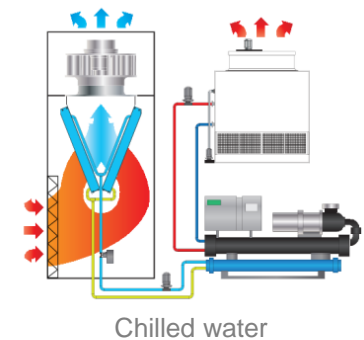
Cooling Type



Air-cooled



Water-cooled



Chilled water

- Upflow



- Options

- Long Piping Kit
- Low-temperature Kit
- Water Leaking Kit
- RS485 / SNMP Network Monitoring Card
- Automatic Phase Switching Module
- Lightning Protection Module
- High-power Electric Heating System
- Large Color Display
- Remote Temperature and Humidity sensor
- Ultra-quiet Air-cooled Outdoor Condenser

WiseAir™ – Room Cooling DX Air Cooled

Technical Data

Upfront-flow Unit Downflow Unit	W-005FA W-005DA	W-007FA W-007DA	W-012FA W-012DA	W-017FA W-017DA	W-020FA W-020DA	W-025FA W-025DA
Mount Type	Room	Room	Room	Room	Room	Room
Cooling Type	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX
Refrigerant Type	R134A	R134A	R134A	R134A	R134A	R134A
Cooling Capacity –kW	5.5	7.5	12.5	17.5	21.2	27.5
Sensible Capacity –kW	5.2	6.8	11.3	15.9	19.1	25
SHR-%	94.5	90.7	90.4	90.9	90.1	90.9
Air Volume -m ³ /h	2000	2250	2850	5000	6200	6700
Fan Type	EC	EC	EC	EC	EC	EC
Heating Capacity-kW	3	3	4	6	6	6
Heating Type	PTC	PTC	PTC	PTC	PTC	PTC
Humidification Capacity -kg/h	2.5	2.5	4	4.5	4.5	5
Humidifier Type	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode
Filter Rating	G3	G3	G3	G4	G4	G4
Weight -kg	118	128	178	300	318	338
Width -mm	550	550	650	750	750	850
Depth -mm	450	450	550	700	700	700
Height -mm	1750	1750	1850	1900	1900	1900
Power Input ¹⁾	208-240V/50-60Hz/1-2Ph	208-240V/50-60Hz/1-2Ph	208-230V/60Hz/3Ph	208-230V/60Hz/3Ph	208-230V/60Hz/3Ph	208-230V/60Hz/3Ph
FLA -A ¹⁾ cooling only	13.7	14.7	23.1	30.5	31.4	38.7
FLA -A ¹⁾ with heat & hum.	25.3	26.3	30.5	47.2	48.0	55.3
Power Input ²⁾	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph
FLA -A ²⁾ cooling only	-	-	12.7	16.8	17.3	21.3
FLA -A ²⁾ with heat & hum.	-	-	24.3	25.9	26.4	30.4
Power Input ³⁾	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph
FLA -A ³⁾ cooling only	-	-	10.5	13.9	14.3	17.6
FLA -A ³⁾ with heat & hum.	-	-	20.0	21.4	21.8	25.1
Ref. Pipe Connection –mm	10/12	10/12	12/16	16/16	16/16	16/22
Drain Connection –mm	20	20	20	20	20	20
Water In Connection	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G
Single/Dual System	Single	Single	Single	Single	Single	Single
Standard Outdoor Unit						
Unit Model	KSF08AN	KSF12AN	KSF18AN	KSF24AN	KSF24AN	KSF32AN
Unit Quantity	1	1	1	1	1	1

Notes:

- 1, Capacity based on 24C/50%RH return air conditions, and 45C condensing temperature.
- 2, The standard ESP 20Pa. Higher application shall refer to technical department for confirmation.
- 3, FLA of indoor unit includes FLA of outdoor unit, and outdoor unit power connected from indoor unit.
- 4, Standard air-cooled outdoor unit operating temperature range-20C above, optional operating temperature range of the components -35C with low temperature kit.
- 5, The system is based upon R134a refrigerant and the maximum ambient temperature can be 55C.

WiseAir™ – Room Cooling DX Air Cooled

Technical Data

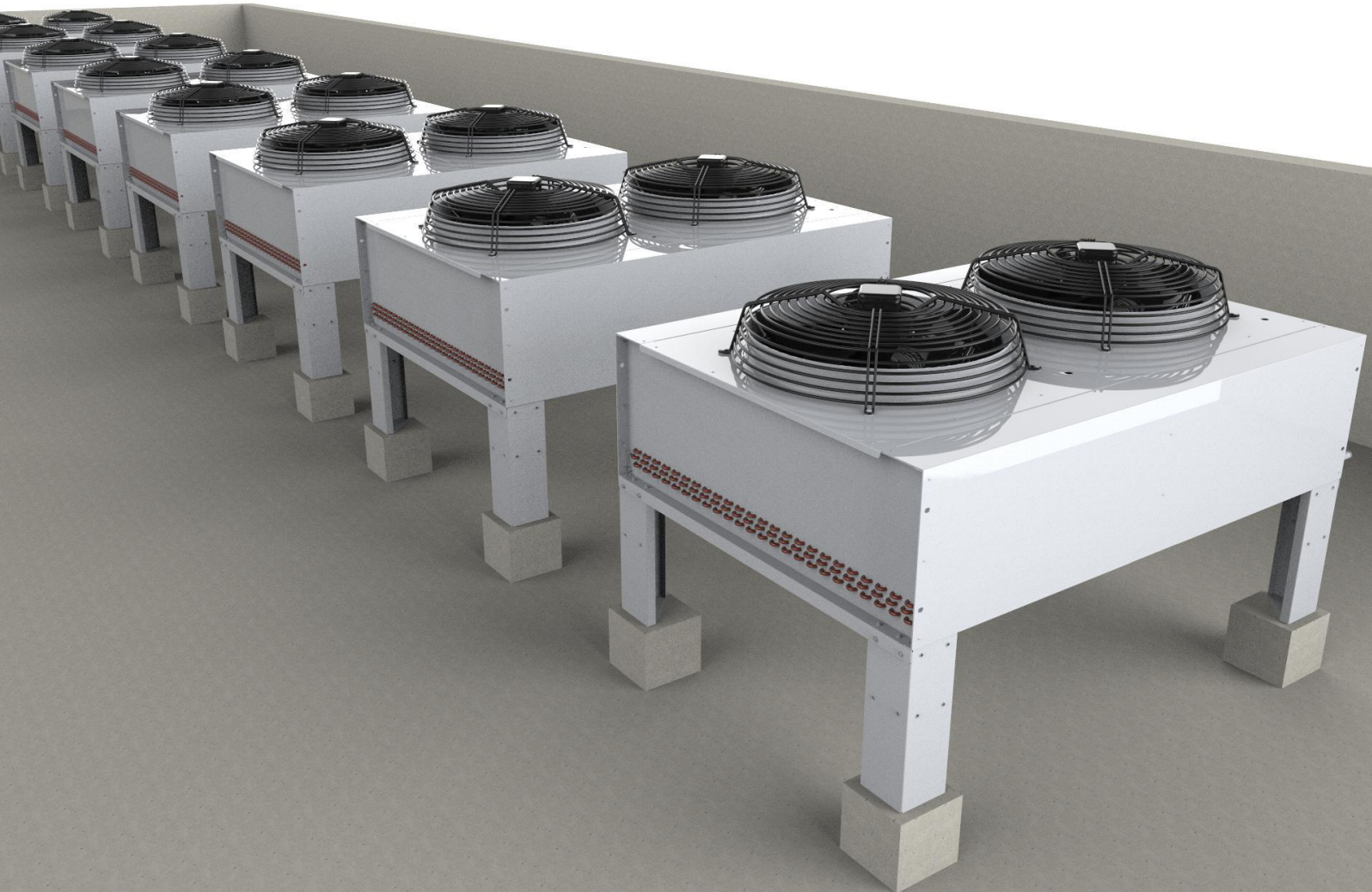
Upflow Unit Downflow Unit	W-030UA W-030DA	W-035UA W-035DA	W-045UA W-045DA	W-055UA W-055DA	W-065UA W-065DA	W-070UA W-070DA
Mount Type	Room	Room	Room	Room	Room	Room
Cooling Type	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX	Inverter DX
Refrigerant Type	R134A	R134A	R134A	R134A	R134A	R134A
Cooling Capacity - kW	32.5	37.7	43.5	53.1	65.1	71.1
Sensible Capacity - kW	29.3	34	39.2	47.8	58.8	64
SHR-%	90.2	90.2	90.1	90.2	90.3	90.0
Air Volume -m ³ /h	8325	8620	10500	12400	16650	17240
Fan Type	EC	EC	EC	EC	EC	EC
Heating Capacity - kW	6	6	9	9	9	9
Heating Type	PTC	PTC	PTC	PTC	PTC	PTC
Hum. Capacity -kg/h	8	8	10	10	10	10
Humidifier Type	Electrode	Electrode	Electrode	Electrode	Electrode	Electrode
Filter Rating	G4	G4	G4	G4	G4	G4
Weight -kg	433	438	478	568	688	718
Width -mm	1126	1126	1326	1326	1826	1826
Depth -mm	990	990	990	990	990	990
Height -mm	1975	1975	1975	1975	1975	1975
Power Input ¹⁾	208-230V/60Hz/3Ph	208-230V/60Hz/3Ph	208-230V/60Hz/3Ph	208-230V/60Hz/3Ph	208-230V/60Hz/3Ph	208-230V/60Hz/3Ph
FLA -A ¹⁾ cooling only	49.1	51.4	64.2	74.6	98.2	98.7
FLA -A ¹⁾ with heater & hum.	65.8	68.0	89.2	99.6	123.2	123.7
Power Input ²⁾	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph	380-415V/50-60Hz/3Ph
FLA -A ²⁾ cooling only	27.1	28.3	35.4	41.2	54.1	54.4
FLA -A ²⁾ with heater & hum.	36.2	37.4	49.1	54.9	67.8	68.1
Power Input ³⁾	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph	460V/60Hz/3Ph
FLA -A ³⁾ cooling only	22.4	23.4	29.3	34.0	44.7	45.0
FLA -A ³⁾ with heater & hum.	29.9	30.9	40.6	45.3	56.0	56.3
Pipe Connection -mm	16/22	16/22	16/22	16/22	16/22	16/22
Drain Connection -mm	20	20	20	20	20	20
Water In Connection	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G	3/4"G
Single/Dual System	Single	Single	Dual	Dual	Dual	Dual
Standard Outdoor Unit						
Unit Model	KSF38AN	KSF52AN	KSF32AN	KSF32AN	KSF38AN	KSF52AN
Unit Numbers	1	1	2	2	2	2

Notes:

- 1, Capacity based on 24C/50%RH return air conditions, and 45C condensing temperature.
- 2, The standard ESP 20Pa. Higher application shall refer to technical department for confirmation.
- 3, FLA of indoor unit includes FLA of outdoor unit, and outdoor unit power connected from indoor unit.
- 4, Standard air-cooled outdoor unit operating temperature range-20C above, optional operating temperature range of the components -35C with low temperature kit.
- 5, The system is based upon R134a refrigerant and the maximum ambient temperature can be 55C.



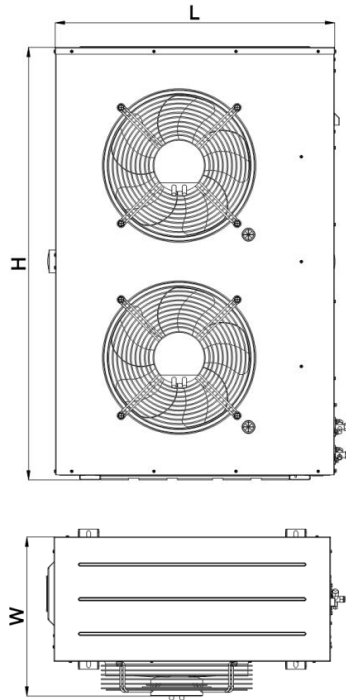
Air Cooled Condenser



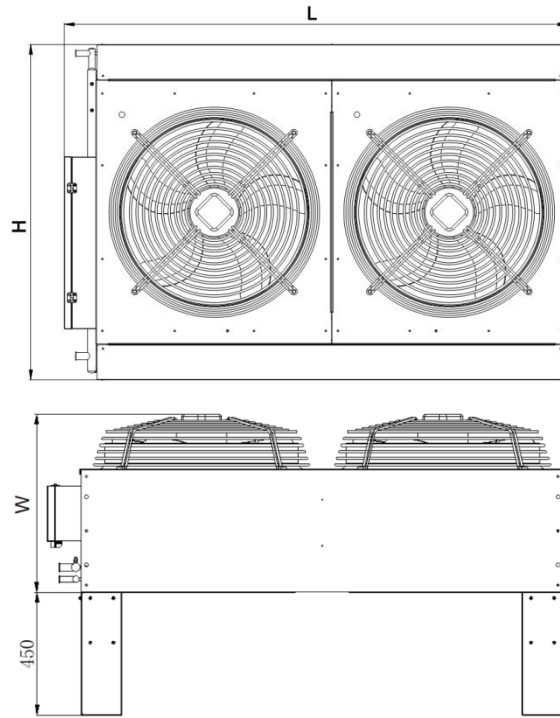
Key Configurations

- EC Fan Stepless Speed Adjusting
- Standard Quick Connector
- Efficient Finned with Heat Transfer Enhancement
- Inverter Driven Fan Stepless Speed Adjusting
- Internally Threaded Piping
- High-quality Anti-corrosion Coating
- Protective Structure for Piping Headers
- IP55 Waterproof Electrical Box
- Internally Threaded Piping
- High-quality Anti-corrosion Coating
- IP55 Waterproof Electrical Box

Air Cooled Condenser



KSF08 - KSF18



KSF24 - KDF85

Technical Data

Model	KSF08AN	KSF12AN	KSF18AN	KSF24AN	KSF32AN	KSF38AN	KSF42AN	KSF52AN	KSF62AN	KSF70AN	KSF76AN	KSF85AN	KDF62AN	KDF70AN	KDF76AN	KDF85AN
Single/Dual System	Single	Single	Single	Single	Single	Single	Single	Single	Single	Single	Single	Single	Dual	Dual	Dual	Dual
Weight -kg	28	40	67	105	110	120	130	140	150	150	220	230	160	160	220	230
Height -mm	790	790	1240	990	990	990	1273	1273	1273	1273	1273	1273	1273	1273	1273	1273
Length -mm	800	800	800	1407	1407	1407	1607	1607	1907	1907	2407	2407	2107	2107	2407	2407
Width -mm	420	420	420	689	689	695	695	695	689	689	695	695	689	689	695	695
Leg Height	-	-	-	450	450	450	450	450	450	450	450	450	450	450	450	450
Power Input ¹⁾	208-240V /50-60Hz /1-2P	208-240V /50-60Hz /1-2P	208-240V /50-60Hz /1-2P	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph	380-415V /50-60Hz /3Ph
FLA -A ¹⁾	1.5	1.5	3.0	2.0	2.0	2.8	2.8	2.8	4.0	4.0	5.6	5.6	4.0	4.0	5.6	5.6
Power Input ²⁾	-	-	-	460V/50-60Hz/3Ph	460V/50-60Hz/3Ph	460V/50-60Hz/3Ph	460V/50-60Hz/3Ph	460V/50-60Hz/3Ph	460V/50-60Hz/3Ph	460V/50-60Hz/3Ph	460V/50-60Hz/3Ph	460V/50-60Hz/3Ph	460V/50-60Hz/3Ph	460V/50-60Hz/3Ph	460V/50-60Hz/3Ph	460V/50-60Hz/3Ph
FLA -A ²⁾	-	-	-	1.7	1.7	2.4	2.4	2.4	3.3	3.3	4.8	4.8	3.3	3.3	4.8	4.8
Piping Connection -mm	10/12	10/12	12/16	16/22	16/22	16/22	16/22	22/28	22/28	22/28	22/28	22/28	22/28	22/28	22/28	22/28

Notes:

- 1, KSF08-KSF18 is vertical installation. KSF24 and above is horizontal/vertical adaptive;
- 2, Condenser by default is connected with power input from Indoor unit.

One-stop Provider of Precision Cooling

Air Cool Platform



Rack Cool

- 3.9- 12kW Split type
- 3.5-5.5kW Package Type

Ceiling Cool

- 12- 36kW Split Type

Wall Cool

- 1.5- 30kW Package Type

Row Cool

- 5.6- 90kW Split Type
- 5.6 – 10.6kW Package Type

Room Cool

- 5.5- 120kW Split DX Type
- 26 – 280 kW CW Type

Liquid Cool Platform



Immersion Liquid Cool

- 10kW – 2MW immersion cooling tanks, dry coolers and water connection kits.

Cold-plate Liquid Cool

- 50kW – 350kW CDU, dry cooler, and water connection kits.

We believe the world is being totally connected. The digital connections are creating smart intelligence and a better future.

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USA
1450 NE Alex Way APT 299
Hillsboro, OR 97124, USA
+1 301 6789 288



CHINA
F101, #06 Yangchong Road,
Shenzhen, 518018, China
+86 755 2320 7298

Contact us
ATTOM TECHNOLOGY



Visit us on web
<https://www.attom.tech>



Email us
support@attom.tech

