

PRECISION COOLING SYSTEM

The professional cooling solutions for you to build highly Reliable, Efficient and Green Data Center.



atlanticpowerenergy.com

WHY CHOOSE US

We are experts in data center thermal management system.



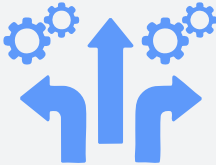
QUALITY

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



SMOOTHAIR CEILING MOUNT



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 electronic expansion valve
6. A large area air filtration system closed to heat exchanger
7. Efficient electrode humidifier
8. Modular design easy installation and expansion during project life cycle

KEY CONFIGURATIONS

- EC/Inverter Fan Stepless Speed Adjusting.
- Standard Quick Connection for small capacity models.
- Efficient Finned with Heat Transfer Enhancement.
- High-quality Anti-corrosion Coating.
- Compatible 55C Ambient Temperature with R134a Refrigerant.
- Internally Threaded Piping.
- IP55 Waterproof Electrical Box.



Technical Data		
Model	S-012CA	S-035CA
Total Capacity kW	12.8	36.8
SHR-%	100	100
Air Volume m3/h	2500	7500
Mount Type	Ceiling	Ceiling
Height-mm	500	500
Depth-mm	1200	1200
Width-mm	1500	1500
Weight-kg	130	180
Reheat(optional) kW	1.2	2.4
Hum.(optional) kg/h	0.5	0.5
Power Input ¹	380-415V/50 60Hz/3Ph	380-415V/50 60Hz/3Ph
FLA-A ¹	19	36
Power Input ²	-	-
FLA-A ²	-	-
Outdoor Unit	KSF18AC	KSF52AC
Height-mm	1240	1760
Depth-mm	420	1100
Width-mm	800	2000
Leg Height-mm	-	-
Weight-kg	85	290
Power Input ¹	380-415V/50 60Hz/3Ph	380-415V/50 60Hz/3Ph
FLA-A ¹	16	36
Power Input ²	-	-
FLA-A ²	-	-

- NOTES:**
1. Airflow is based on the maximum setting. The fan modulates according to actual loads.
 2. Cooling capacity is based on 37°C / 24% RH return air and 35°Coutdoor temperature with the standard condenser.
 3. FLA of the indoor unit includes the FLA of the outdoor unit, with the outdoor unit power connected from the indoor unit.
 4. The standard unit operates at 15°C and above outdoor temperature. Select the low-temperature kit to operate at -35°C and above outdoor temperature.
 5. The maximum outdoor ambient temperature can be 55°C.