

SmoothAir™

Ceiling Cooling System



>> Foundation of Digital Future



A ATTOM

Efficiency Prefabricated

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 Cooling



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

SmoothAir™ – Ceiling Mount Cooling



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

SmoothAir™ – Ceiling Mount Cooling

Technical Data

Model	S-012CA	S-036CA
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	30
Power Input ²⁾	-	-
FLA -A ²⁾	-	-

Notes:

- 1, Air flow is based upon maximum setting. Fan modulates per real loads.
- 2, Cooling capacity based on 37°C/24%RH return air and 35°C outdoor temperature with the standard condenser.
- 3, FLA of indoor unit includes FLA of outdoor unit, and outdoor unit power connected from indoor unit.
- 4, Standard unit works -15°C and above outdoor temperature. Select low temperature kit to work -35°C and above outdoor temperature.
- 5, Maximum temperature of outdoor ambient can be 55C.

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
- 7.5-12.8kW
- Split Type

Row Cool

- 5.6- 90kW Split Type
- 5.6 – 10.8kW Package Type

Room Cool

- 5.5- 120kW Split DX Type
- 24 – 260 kW CW Type
- 80-400kW Fanwall System

Liquid Cool Platform



Direct-to-Chip Liquid Cool

- 100kW CDU Rack Mount Type
- 350 – 1500kW CDU Row Mount Type, dry cooler, and water connection kits.

RDHx

- 25-30kW Split DX Type
- 30 – 65 kW CW Type

Immersion Liquid Cool

- 25kW – 100W immersion cooling system.

Customized Efficiency

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

We design and deliver
green efficient data
center infrastructure
products to build
foundation of digital
future.



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

