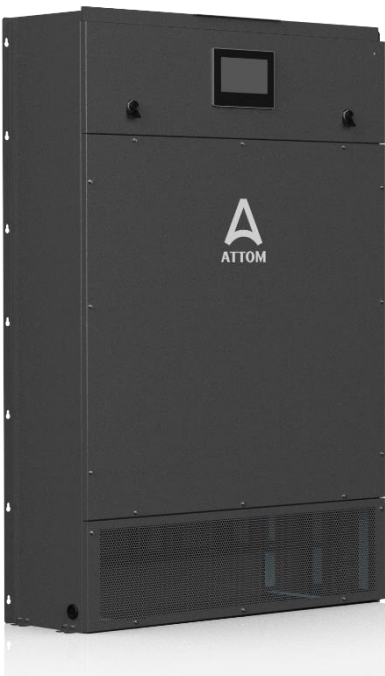


# SmoothAir™

## Split Wall Cooling System

> > Foundation of Digital Future



**ATTOM**

Efficiency Prefabricated

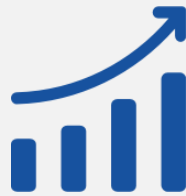
# Why Work with Attom

We are experts with 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



Efficiency Prefabricated.



# SmoothAir | Wall Mount Split DX

❄️ Top Level Highly Reliable Components



PANASONIC



CAREL



ZIEHL-ABEGG



CAREL



SCHNEIDER  
ELECTRIC



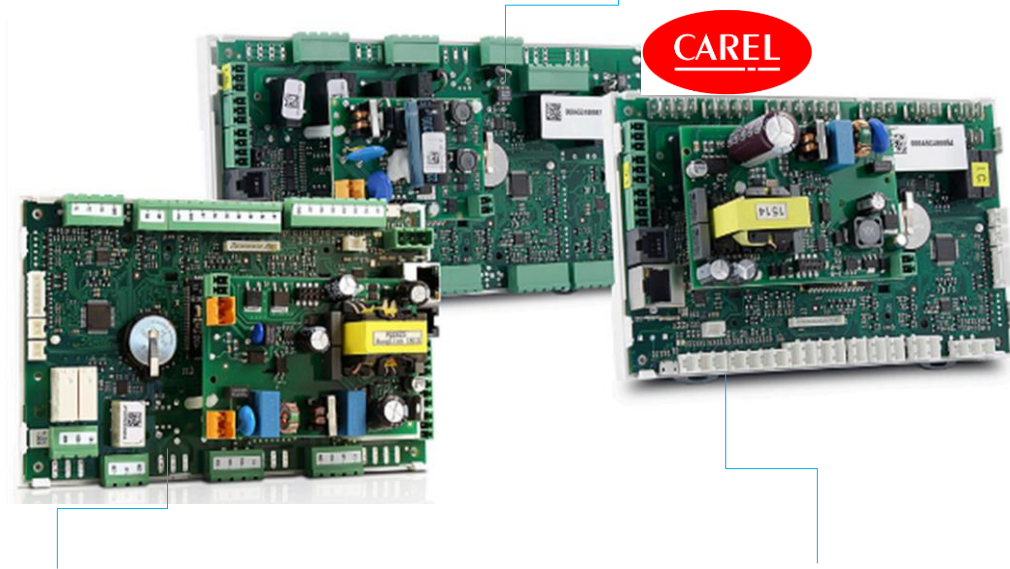
BELIMO

# SmoothAir | Wall Mount Split DX









## ❄️ 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

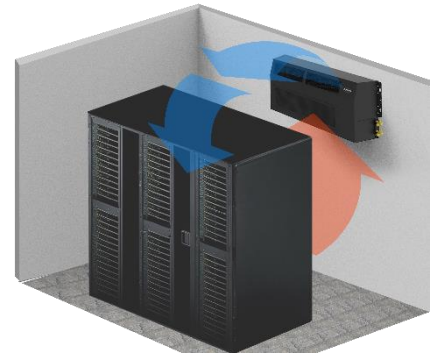
### Controls

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

# SmoothAir | Wall Mount Split DX

Air cooled, wall mount, split type, suitable for precise control of temperature and humidity in small spaces and closet computer room applications.

**7.5-12.8kW**



- 1 Top brand Inverter compressor and EC fan, highly reliable and efficient.
- 2 Slim compact wall mount design, minimizing floor space requirements.
- 3 Leading brand controller monitors and protects unit constantly. Easy to be integrated into BMS to display, control and manage the system.
- 4 Electric box located on the side of the cooling for easy maintenance.
- 5 Up-front air outlet suitable for installation on flexible height of the wall.
- 6 Compressor locating in outdoor unit lowers the noise level then better suits customer expectation of mini data center application.
- 7 Copper piping adopts quick connection and supports fast installation.
- 8 R410A green refrigerant is highly efficient and no ODP.

# SmoothAir | Wall Mount Split DX

## Technical Data

Model	S-007UA	S-012UA
Total Capacity-kW	7.5	12.8
SHR -%	100	100
Air Volume -m3/h	1200	2400
Mount Type	Wall Split	Wall Split
Height -mm	520	520
Depth -mm	300	300
Width -mm	1000	1000
Weight -kg	58	63
Reheat(optional) -kW	2.4	2.4
Hum.(optional) -kg/h	-	-
Power Input <sup>1)</sup>	208-240V/50-60Hz/1-2Ph	208-240V/50-60Hz/1-2Ph
FLA -A <sup>1)</sup>	21.6	41.1
Power Input <sup>2)</sup>	-	380-415V/50-60Hz/3Ph
FLA -A <sup>2)</sup>	-	20.8
Outdoor Unit	KSF12AC	KSF18AC
Height -mm	790	1240
Depth -mm	420	420
Width -mm	800	800
Leg Height -mm	-	-
Weight -kg	50	93
Power Input <sup>1)</sup>	208-240V/50-60Hz/1-2Ph	208-240V/50-60Hz/1-2Ph
FLA -A <sup>1)</sup>	19.6	26.5
Power Input <sup>2)</sup>	-	380-415V/50-60Hz/3Ph
FLA -A <sup>2)</sup>	-	15.4

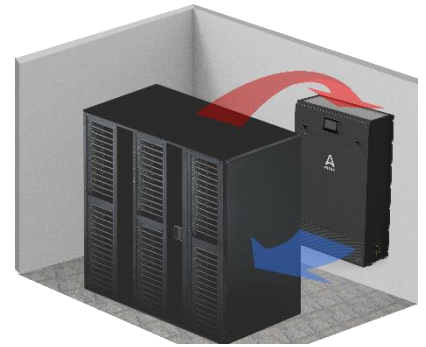
### Notes:

- 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.

# SmoothAir | Wall Mount Split DX

Air cooled, wall mount, split type, suitable for precise control of temperature and humidity in small spaces and closet computer room applications.

**S-012SA**  
**12.8kW**



- 1 Industry leading brand Inverter compressor and EC fan, highly reliable and efficient.
- 2 Slim compact wall mount design, no occupying of IT space.
- 3 Top brand controller monitors and protects unit constantly. Easy to be integrated into BMS to display, control and manage the system.
- 4 Touch type color display panel to easily view and control the units.
- 5 Compressor locating in outdoor unit lowers the noise level then better suits customer expectation of mini data center application.
- 6 Fully front-facing design for easy maintenance and servicing.
- 7 Copper piping adopts quick connection and supports fast installation.
- 8 R410A green refrigerant is highly efficient and no ODP.

# SmoothAir | Wall Mount Split DX

## Technical Data

Model		S-012SA
Total Capacity-KW		12.8
SHR -%		100
Air Volume -m3/h		2400
Mount Type		Wall Split
Height -mm		1500
Depth -mm		300
Width -mm		1000
Weight -kg		120
Reheat(optional) -kW		3.0
Hum.(optional) -kg/h		1.5
Power Input <sup>1)</sup>		380-415V/50-60Hz/3Ph
FLA -A <sup>1)</sup>		20.8
Power Input <sup>2)</sup>		-
FLA -A <sup>2)</sup>		-
Outdoor Unit		KSF18AC
Height -mm		1240
Depth -mm		420
Width -mm		800
Leg Height -mm		-
Weight -kg		93
Power Input <sup>1)</sup>		380-415V/50Hz/3Ph
FLA -A <sup>1)</sup>		15.4
Power Input <sup>2)</sup>		-
FLA -A <sup>2)</sup>		-

### Notes:

- 1, Air flow is based upon maximum setting. Fan modulates per real loads.
- 2, Cooling capacity based on 26°C/40%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.

# 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 – 10.8kW Package Type

### Room Cool

- 5.5- 120kW Split DX Type
- 24 – 260 kW CW Type

## 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.

### RDx

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

### Immersion Liquid Cool

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

Efficiency Prefabricated.

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](mailto:support@attom.tech)

