

AD-26 "SC" Series

24,000 Btuh 1 Phase, 230V, 50 Hz

Features

✓ **Steel Cabinet**

Galvanized Coated Sheet metal cabinet 1-2 mm Thickness.

✓ **Cabinet Finish**

The cabinet is finished with a baked Polyester powder coating which provides high UV resistance and stands over 1000 hours of salt spray test (according to ASTM B117).

Designed with R410a (HFC) non-ozone depleting refrigerant.

✓ **Evaporator Blower**

Direct drive centrifugal fan with dual shaft motor, steel casing and ball bearings for high reliability.

✓ **Condenser Fan Cycling Low & High-Pressure Switch**

Provides protection to the compressor during high pressures and prevent low pressures due to cold ambient sessions.

✓ **Evaporator & Condenser Coils**

Aluminum finned copper coils, Rifled tubing, and enhanced louvered fin for maximum heat transfer.

✓ **Liquid Line Filter Drier**

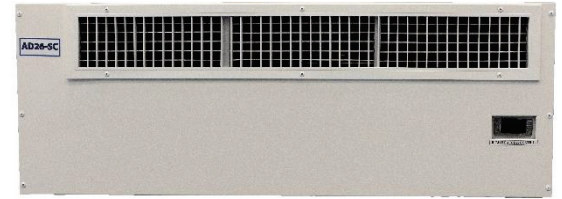
Protect refrigerant system against moisture and Dirt.

✓ **Smart Controller (Default)**

Provides high accuracy of Temp measurements, dry contact output alarms (A/C faults/Indoor High Temp/sensor alarms) all parameters can be easily changed at field (protected by password), High reliability.

✓ **Remote Access (Optional)**

The unit may be remotely access through RS-485, Modbus-RTU protocol where different type of parameters and commands are available to change and view such as set-points, alarms, resetting etc....



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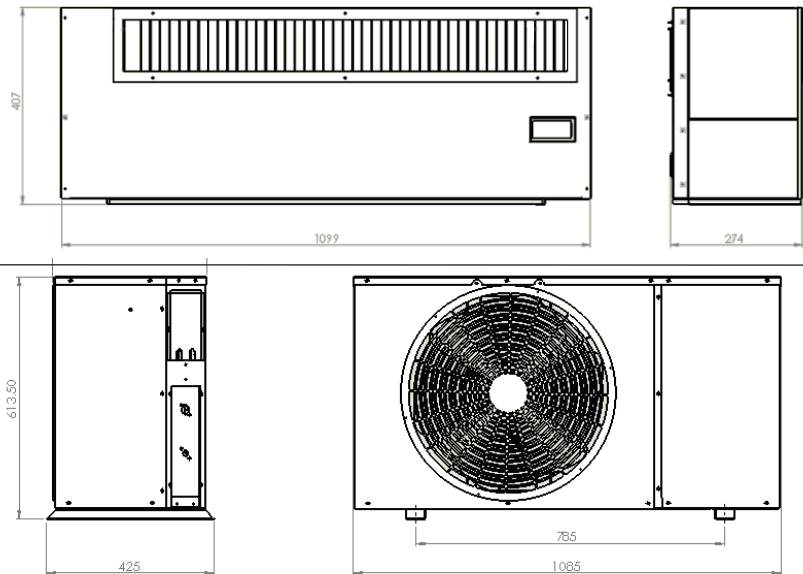
Specifications

Parameter	Units	Value	Deviation
Cooling Capacity ⁽²⁾	Watt (Btuh)	7038(24,000)	
COP	[]	3.3	
Air- Flow (Internal Loop)	m^3/hr (CFM)	1100 (650)	
Refrigerant	[]	R410a	
Refrigerant Pipeline Connection	Inch	5/8"-3/8"	
Rated Voltage	V	230	±10%
Frequency	Hz	50	
Power Consumption cooling	Watt	2130	
Fuse	[]	1x16A	
Indoor Unit			
Dimensions (Height, Width, Depth)	mm (Inch)	407(16.02), 1099(43.27), 274(10.78)	
Weight	kg (lb.)	37.5(82.5)	
Outdoor Unit			
Dimensions (Height, Width, Depth)	mm (Inch)	613.5(24.15),1085 (42.71),390 (15.35)	
Weight (Outdoor Unit)	kg (lb.)	67(147.4)	

Notes:

- All specifications are based on a Preliminary Design and evaluation values and are subject to change after testing the real unit.
- Rating conditions: **Indoor** 27°DB/19.5WB (80DB/67WBF), **Outdoor** 35°(95F)

Dimensions



AD-32 "S" Series

32,700 Btuh 3Phase,400V, 50 Hz

Features

✓ **Steel Cabinet**

Galvanized Coated Sheet metal cabinet 0.6-1.5 mm Thickness.

✓ **Cabinet Finish**

The cabinet is finished with a baked Polyester powder coating which provides high UV resistance and stands over 1000 hours of salt spray test (according to ASTM B117).

✓ **R-410A Refrigerant**

Designed with R410a (HFC) non-ozone depleting refrigerant.

✓ **Evaporator Blower**

Direct drive centrifugal fan with dual shaft motor, steel casing and ball bearings for high reliability.

✓ **Condenser Fan Cycling Low & High-Pressure Switch**

Provides protection to the compressor during high pressures and prevent low pressures due to cold ambient sessions.

✓ **Evaporator & Condenser coils**

Aluminum finned copper coils, Rifled tubing, and enhanced louvered fin for maximum heat transfer.

✓ **Coil Coatings (optional)**

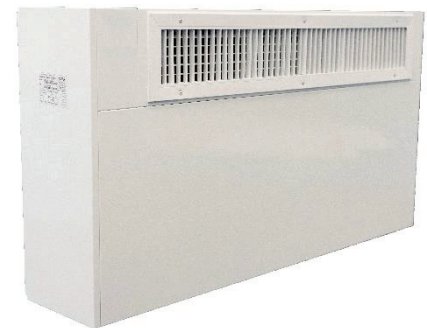
Nano coating with high heat transfer capabilities. Resist corrosion, saltwater and reduced dirt accumulation.
Salt spray test results are over 3,000 hours.

✓ **Liquid Line Filter Drier**

Protect refrigerant system against moisture and Dirt.

✓ **Remote Access (Optional)**

The unit may be remotely access through RS-485, Modbus-RTU protocol where different type of parameters and commands are available to change and view such as set-points, alarms, resetting etc....



AD-32 "S" Series

32,700 Btuh 3Phase,400V, 50 Hz

Specification

Parameter	Units	Value	Deviation
Cooling Capacity ⁽²⁾	Watt (Btuh)	9600 (32,700)	
COP	[]	3.2	
Air- Flow (Internal Loop)	m^3/hr (CFM)	1900 (1117)	
Refrigerant	[]	R410a	
Refrigerant Pipeline Connection	Inch	5/8"-3/8"	
Rated Voltage	V	400	±10%
Frequency	Hz	50	
Power Consumption cooling	Watt	3000	
Fuse	[]	3x20A	
Indoor Unit			
Dimensions (Height, Width, Depth)	mm (Inch)	657(25.9),1198(47.2),282(11.1)	
Weight	kg (lb.)	51(112)	
Outdoor Unit			
Dimensions (Height, Width, Depth)	mm (Inch)	613(24.1),1085(42.7),390(15.4)	
Weight (Outdoor Unit)	kg (lb.)	84 (185)	

Notes:

1. All specifications are based on a Preliminary Design and evaluation values and are subject to change after testing the real unit.
2. Rating conditions: **Indoor** 27°DB/19.5WB (80DB/67WBF), **Outdoor** 35°(95F)

Dimensions

