

SD-Premium



INTERNATIONAL

18 SEER • From 24 to 60K BTU



Heat & Cool

Heat pump air conditioners can both heat and cool. The SD Premium Series can work in low ambient temperatures as well (5° F for cooling and -13° F for heating).



Inverter Technology

Units that use Inverter technology are more energy efficient than traditional ACs. This energy efficiency translates to extended unit life, quiet operation, and lower electricity bills.



Each unit is covered with our Industry Leading Warranty. *Registration requirements vary by state.*

For full warranty policy details, visit:

airconint.com/warranty-information



Space Saving
With the side discharge outdoor unit, you can save a lot of space when it comes to outdoor installation space.

Dehumidifying Function
Unit is able to control proper rate of circulating air, managing the dehumidifying function under low power consumption.



| Model | | Unit | ASDDI4H4S24 / ASDVI4H4S24 | ASDDI4H4S36 / ASDVI4H4S36 | ASDDI4H4S48 / ASDVI4H4S48 | ASDDI4H4S60 / ASDVI4H4S60 |
|----------------------------|---------------------------------------|-----------|---------------------------|---------------------------|---------------------------|---------------------------|
| Power Supply | | V/Ph/Hz | 208-230 / 1 / 60 | | | |
| Cooling Capacity (Min-Max) | | Btu/h | 24000 (6,700-26,000) | 36000 (11,800-36,800) | 48000 (18,300-52,000) | 56000 (18,300-59,400) |
| Cooling Power Input | | W | 2200 | 3730 | 4690 | 6560 |
| Cooling Current Input | | A | 9.6 | 16.5 | 21 | 26.8 |
| Heating Capacity (Min-Max) | | Btu/h | 24,000 (6,700-26,000) | 36,000 (8,900-38,200) | 48,000 (17,600-52,000) | 56,000 (17,600-57,000) |
| Heating Power Input | | W | 2000 | 3200 | 4260 | 5290 |
| Heating Current Input | | A | 8.7 | 14.1 | 19 | 21 |
| Air Flow Volume | | CFM | 800 | 1120 | 1588 | 1706 |
| Dehumidification Volume | | Pint/h | 4.64 | 9.51 | 11.6 | 15.8 |
| EER | | (Btu/h)/W | 10.9 | 9.55 | 10.24 | 8.55 |
| SEER | | - | 18 | 18 | 18 | 17.5 |
| INDOOR UNIT | Sound Pressure Level | dB(A) | 55 | 57 | 64 | 65 |
| | Dimension (WxHxD) | inch | 19 5/8 × 46 1/8 × 21 5/8 | 19 5/8 × 46 1/8 × 21 5/8 | 22 × 53-7/8 × 24 | 22 × 53 7/8 × 24 |
| | Package Dimension (WxHxD) | inch | 22 1/2 × 49 5/8 × 25 3/8 | 22 1/2 × 49 5/8 × 25 3/8 | 25-1/4 × 55-1/2 × 28 | 25 7/4 × 55 1/2 × 28 |
| | Net Weight | lb | 135.5 | 140 | 187.2 | 187.2 |
| | Gross Weight | lb | 158.6 | 163.1 | 214 | 214 |
| OUTDOOR UNIT | Sound Pressure Level | dB(A) | 54 | 56 | 59 | 60 |
| | Dimension (WxHxD) | inch | 33 7/8 × 26 3/8 × 12 1/4 | 37 3/8 × 33 × 13 3/8 | 37-3/8 × 54-5/8 × 13-3/8 | 37 3/8 × 54 5/8 × 13-3/8 |
| | Package Dimension (WxHxD) | inch | 39 × 28 3/4 × 17 3/4 | 43 3/4 × 36 1/4 × 18 1/8 | 43-3/4 × 60-1/4 × 18-1/8 | 43 3/4 × 60 1/4 × 18 1/8 |
| | Net Weight | lb | 112 | 148 | 227.1 | 251 |
| | Gross Weight | lb | 121 | 159 | 253.5 | 278 |
| Refrigerant | - | R-410A | R-410A | R-410A | R-410A | |
| PIPE CONNECTION | Refrigerant Charge | oz | 70.5 | 98.7 | 142.9 | 143 |
| | Connection Pipe Length | ft | 25 | 25 | 25 | 25 |
| | Connection Pipe Gas Additional Charge | oz/ft | 0.38 | 0.38 | 0.6 | 0.6 |
| | Outer Diameter Liquid Pipe | inch | 3/8 | 3/8 | 3/8 | 3/8 |
| | Outer Diameter Gas Pipe | inch | 5/8 | 3/4 | 7/8 | 7/8 |
| | Max Distance Height | ft | 98 | 98 | 98 | 98 |
| | Max Distance Length | ft | 164 | 246 | 246 | 246 |



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