

FLOOR STANDING

series

Cool Sentinel



Malaysia



Good
design

ACSON[®]
International
Air Conditioners



Deodorize

Sterilize

Purify

Model :
A5FS 30A - 60A
Cooling Capacity :
29,000 BTU/h - 55,000 BTU/h
Power Input :
2.4kW - 5.5kW

PLUSMA
Deodorize! Sterilize! Purify!

ECOcool
Eco Friendly Product Series
R410A

Acson Floor Standing Series provides cooling comfort in a simple and elegant way. Cool air is discharged directly without the need of ductwork and complicated installations. Our EcoCool series is equipped with Plusma technology, it cools and cleans the air. It is suitable for both residential and commercial use.

Common Installation Places



➤ Restaurant



➤ Lobby



➤ School hall



➤ Server room

Model :
A4FS 75A - 200A2
Cooling Capacity :
65,820 BTU/h - 181,610 BTU/h
Power Input :
7.5kW - 18.6kW

Model :
AFS 75A - 200A2
Cooling Capacity :
70,000 BTU/h - 186,000 BTU/h
Power Input :
7.8kW - 18.4kW



What is EcoCool?

Acson EcoCool Series offers eco-friendly products which lead to a more sustainable future. Products labelled with EcoCool not only benefits us all but the environment as well. At Acson Malaysia, we not only care about ourselves but also share it with all.



01 WIDE AREA COVERAGE

With air throw range up to 25m and auto swing capability. You can have your room cool in no time.

* Applicable for EcoCool series * Automatic swing is only available in horizontal direction



02 PLUSMA TECHNOLOGY

Massive amount of positive and negative ions are produced. Both work together to isolate, subsequently sterilize and neutralise virus, bacteria and other harmful substances into harmless water form, with a speed as fast as 5m/s.



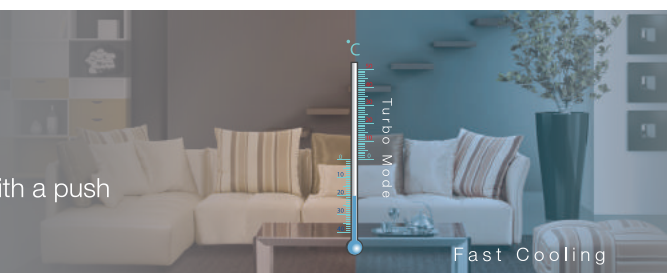
03 POWER FAILURE MEMORY SYSTEM

Automatically keeps last setting condition in the event of a sudden power failure with intelligent self diagnosis system, errors will be detected and error messages are displayed on the appliance display.



04 TURBO AIR-FLOW MODE

In this scorching weather, you might wish your room cool faster. With a push of a button, the cooling rate can be increased by 33%.



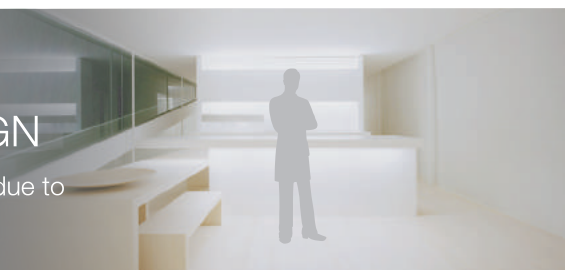
05 DURABLE & EASILY ACCESSIBLE FILTER

Our saranet filter can be rinsed using water. The safety cache design also enables easy removal of the filter.



06 NOT RESTRICTED BY BUILDING DESIGN

Sometimes it is not feasible to install wall mounted or ceiling consume unit due to building design limitation. Floor standing series eliminates such restriction.



* All products shown are for illustration purpose only.
All information herein are verified correct at the time of print but are subjected to change without prior notice.

| Model | | | | Indoor | A5FS 30A | A5FS 30A | A5FS 40A | A5FS 40A | A5FS 50A | A5FS 60A | |
|---------------------------|-----------------------|----------------------|------------|--|--------------------|--------------|---------------|--------------------|---------------|---------------|--|
| | | | | Outdoor | A5LC 28C | A5LC 30C | A5LC 35D | A5LC 40D | A5LC 50D | A5LC 61D | |
| Nominal Cooling Capacity | | | | BTU/h | 28,000 | 29,000 | 36,000 | 42,000 | 45,000 | 55,000 | |
| | | | | W | 8,210 | 8,490 | 10,550 | 12,310 | 13,180 | 16,120 | |
| Nominal Total Input Power | | | | W | 2,840 | 2,900 | 3,860 | 4,100 | 4,900 | 5,490 | |
| Nominal Running Current | | | | A | 13.0 | 13.4 | 17.1 | 6.58 | 8.42 | 9.35 | |
| EER | | | | BTU/h/W | 9.86 | 10.00 | 9.33 | 10.24 | 9.18 | 10.02 | |
| | | | | W/W | 2.89 | 2.88 | 2.73 | 3.00 | 2.69 | 2.94 | |
| Power Source | | | | V/Ph/Hz | 220 - 240 / 1 / 50 | | | 380 - 415 / 3 / 50 | | | |
| Refrigerant Control | | | | OUTDOOR CAPILLARY TUBE | | | | | | | |
| Indoor Unit | Control | Operation | | CONTROL PANEL OR WIRELESS REMOTE CONTROL | | | | | | | |
| | | Louver | Vertical | AUTOMATIC | | | | | | | |
| | | | Horizontal | MANUAL | | | | | | | |
| | | Air Flow | High | I/s (CFM) | 319 (675) | | 489 (1,035) | | | 552 (1,170) | |
| | Medium | | I/s (CFM) | 295 (625) | | 446 (945) | | | 441 (935) | 512 (1,085) | |
| | Low | | I/s (CFM) | 250 (530) | | 399 (845) | | | 394 (835) | 465 (985) | |
| | Sound Pressure Level | | dBA | 44 / 42 / 39 | | 49 / 47 / 44 | | | 50 / 48 / 46 | 54 / 53 / 51 | |
| | Unit Dimension | Height | mm (in) | 1,850 (73) | | | | | | | |
| | | Width | mm (in) | 600 (24) | | | | | | | |
| | | Depth | mm (in) | 270 (11) | | 350 (14) | | | | | |
| | Packing Dimension | Height | mm (in) | 744 (29) | | | | | | | |
| | | Width | mm (in) | 1,998 (79) | | | | | | | |
| | | Depth | mm (in) | 418 (17) | | 498 (20) | | | | | |
| | Unit Weight | | kg (lb) | 42 (93) | | 45 (99) | | | 48 (106) | 51 (112) | |
| | Condensate Drain Size | | mm (in) | 19.05 (0.75) | | | | | | | |
| | Outdoor Unit | Air Flow | | I/s (CFM) | 684 (1,450) | 808 (1,712) | 1,416 (3,000) | 1,487 (3,150) | 1,605 (3,400) | 1,793 (3,800) | |
| | | Sound Pressure Level | | dBA | 58 | 56 | 58 | 60 | 63 | 65 | |
| Unit Dimension | | Height | mm (in) | 753 (30) | | 852 (34) | | | | | |
| | | Width | mm (in) | 855 (34) | | 1,030 (41) | | | | | |
| | | Depth | mm (in) | 328 (13) | | 400 (16) | | | | | |
| Packing Dimension | | Height | mm (in) | 793 (31) | | 1,010 (40) | | | | | |
| | | Width | mm (in) | 990 (39) | | 1,180 (46) | | | | | |
| | | Depth | mm (in) | 415 (16) | | 514 (20) | | | | | |
| Unit Weight | | kg (lb) | 57 (126) | | 71 (157) | 95 (209) | 98 (216) | 105 (231) | | | |
| Pipe Connection | | Type | | FLARE VALVE | | | | | | | |
| | | Size | Gas | in | 5/8 | | | | | 3/4 | |
| | | | Liquid | in | 3/8 | | | | | | |
| Refrigerant Type | | | | R410A | | | | | | | |

Malaysia



Good
design

Acson Floor Standing Series has won the **Malaysia Good Design Award 2015** in recognition of excellence in product design, innovation and creativity.

A4FS A Series (R407C)

▼ SPECIFICATIONS

| Model | | | | Indoor | A4FS 75A | A4FS 100A | A4FS 125A | A4FS 150A | A4FS 200A2 | |
|---------------------------|--------------------------|--------|---------|---------------|-------------------------|---------------|---------------|---------------|---------------|--|
| | | | | Outdoor | A4MC 75D | A4MC 100D | A4MC 125D | A4MC 150D | A4MC 100D x 2 | |
| Nominal Cooling Capacity | | | | BTU/h | 65,820 | 87,960 | 108,360 | 129,730 | 181,610 | |
| | | | | W | 19,285 | 25,772 | 31,749 | 38,011 | 53,212 | |
| Nominal Total Input Power | | | | W | 7,466 | 9,267 | 11,488 | 15,976 | 18,562 | |
| Nominal Running Current | | | | A | 17.3 | 18.6 | 21.15 | 27.2 | 35.2 | |
| EER | | | | BTU/h/W | 8.82 | 9.49 | 9.43 | 8.12 | 9.78 | |
| | | | | W/W | 2.58 | 2.78 | 2.76 | 2.38 | 2.87 | |
| Power Source | | | | V/Ph/Hz | 415 / 3 / 50 | | | | | |
| Refrigerant Control | | | | | THERMAL EXPANSION VALVE | | | | | |
| Indoor Unit | Air Flow | | | I/s (CFM) | 944 (2,000) | 1,416 (3,000) | 1,652 (3,500) | 1,888 (4,000) | 3,210 (5,800) | |
| | External Static Pressure | | | Pa (IN.WG) | 100 (0.40) | | | | 149 (0.60) | |
| | Unit Dimension | Height | mm (in) | 1,800 (70.86) | 1,900 (74.80) | | | 1,920 (75.59) | | |
| | | Width | mm (in) | 530 (20.87) | | | | | 700 (27.56) | |
| | | Depth | mm (in) | 700 (27.56) | 1,050 (41.34) | | | 1,420 (55.90) | | |
| | Packing Dimension | Height | mm (in) | 2,000 (78.74) | 2,050 (80.71) | | | 2,060 (81.10) | | |
| | | Width | mm (in) | 680 (26.77) | | | | | 1,666 (65.59) | |
| | | Depth | mm (in) | 955 (37.60) | 1,305 (51.38) | | | 850 (33.46) | | |
| | Unit Weight | | | kg (lb) | 110 (242.51) | 160 (352.74) | 165 (363.76) | 170 (374.79) | 200 (440.93) | |
| | Condensate Drain Size | | | | STEEL PIPE 1” | | | | | |
| Outdoor Unit | Sound Pressure Level | | | dBA | 64 | 64 | 66 | 67 | 64 | |
| | Unit Dimension | Height | mm (in) | 1,041 (40.98) | | | 1,142 (44.96) | 1,041 (40.98) | | |
| | | Width | mm (in) | 981 (38.62) | | | 1,083 (42.64) | | 981 (38.62) | |
| | | Depth | mm (in) | 981 (38.62) | | | 1,083 (42.64) | | 981 (38.62) | |
| | Unit Weight | | | kg (lb) | 162 (357.15) | 193 (425.49) | 224 (493.83) | 258 (568.79) | 193 (425.49) | |
| | Pipe Connection | Size | Gas | in | 1 | 1 1/8 | 1 3/8 | | 1 1/8 | |
| | | | Liquid | in | 1/2 | 5/8 | | | | |
| Refrigerant Type | | | | | R407C | | | | | |

AFS A Series (R22)

▼ SPECIFICATIONS

| Model | | | | Indoor | AFS 75A | AFS 100A | AFS 125A | AFS 150A | AFS 200A2 |
|---------------------------|--------------------------|--------|---------|-------------------------|---------------|---------------|---------------|---------------|---------------|
| | | | | Outdoor | AMC 80C | AMC 100B | AMC 125B | AMC 150C | AMC 100B x 2 |
| Nominal Cooling Capacity | | | | BTU/h | 70,000 | 90,000 | 110,000 | 135,000 | 186,000 |
| | | | | W | 20,510 | 26,370 | 32,230 | 39,555 | 54,498 |
| Nominal Total Input Power | | | | W | 7,836 | 9,249 | 11,480 | 15,385 | 18,419 |
| Nominal Running Current | | | | A | 17.3 | 18.6 | 21.15 | 27.2 | 35.2 |
| EER | | | | BTU/h/W | 8.93 | 9.73 | 9.58 | 8.77 | 10.10 |
| | | | | W/W | 2.62 | 2.85 | 2.81 | 2.57 | 2.96 |
| Power Source | | | | V/Ph/Hz | 415 / 3 / 50 | | | | |
| Refrigerant Control | | | | THERMAL EXPANSION VALVE | | | | | |
| Indoor Unit | Air Flow | | | I/s (CFM) | 944 (2,000) | 1,416 (3,000) | 1,652 (3,500) | 1,888 (4,000) | 3,210 (5,800) |
| | External Static Pressure | | | Pa (IN.WG) | 100 (0.40) | | | | 149 (0.60) |
| | Unit Dimension | Height | mm (in) | 1,800 (70.86) | 1,900 (74.80) | | | | 1,920 (75.59) |
| | | Width | mm (in) | 530 (20.87) | | | | 700 (27.56) | |
| | | Depth | mm (in) | 700 (27.56) | 1,050 (41.34) | | | | 1,420 (55.90) |
| | Packing Dimension | Height | mm (in) | 2,000 (78.74) | 2,050 (80.71) | | | | 2,060 (81.10) |
| | | Width | mm (in) | 680 (26.77) | | | | 1,666 (65.59) | |
| | | Depth | mm (in) | 955 (37.60) | 1,305 (51.38) | | | | 850 (33.46) |
| | Unit Weight | | | kg (lb) | 110 (242.51) | 160 (352.74) | 165 (363.76) | 170 (374.79) | 200 (440.93) |
| | Condensate Drain Size | | | STEEL PIPE 1" | | | | | |
| Outdoor Unit | Sound Pressure Level | | | dBA | 74 | 65 | 65 | 73 | 65 |
| | Unit Dimension | Height | mm (in) | 946 (37.24) | | | | 1,041 (40.98) | 946 (37.24) |
| | | Width | mm (in) | 1,300 (51.18) | 939 (36.97) | | | | |
| | | Depth | mm (in) | 500 (19.69) | 1,116 (43.94) | | | | |
| | Unit Weight | | | kg (lb) | 162 (357.15) | 193 (425.49) | 224 (493.83) | 258 (568.79) | 193 (425.49) |
| | Pipe Connection | Size | Gas | in | 1 | 1 1/8 | 1 3/8 | | 1 1/8 |
| | | | Liquid | in | 1/2 | 5/8 | | | |
| Refrigerant Type | | | | R22 | | | | | |

1. All specifications are subject to change by the manufacturer without prior notice.

2. Nominal Cooling Capacity is based in the conditions: Cooling 27°C DB / 19°C WB indoor and 35°C DB / 24°C WB outdoor

3. Sound Pressure Level is according to JIS C 9612 standard. Position of the measurement point is 1m in front and 0.8m below the unit.

4. Units are tested & complied to international standards such as ISO 5151 and AHRI 210/240.



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www.acson.com.my

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