



NON INVERTER

COOL , CLEAN & CLIMATE OPTIMIZED



**SPLIT TYPE**

**INDOOR /OUT  
DOOR UNIT**

## Elegant and White Sleek Design

The stylish white sleek design makes it easier to be placed and blend in with any interior design.

It is equipped with modern look control panel with white LED light for display.



## Flexible Air Discharge

Air flow direction can be easily adjusted, auto horizontal swing and manual setting of vertical airflow louver to accommodate your cooling need.

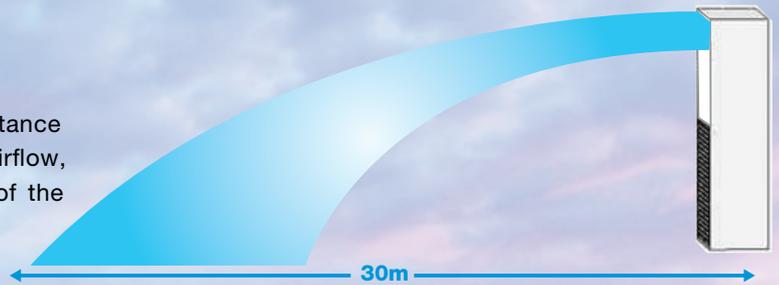


**AUTO**  
Auto horizontal swing

**Manual**  
Manual setting of vertical airflow louvers

## Powerful Air Flow & Turbo Mode

Acson Large Floor Standing is able to deliver air flow distance up to 30m due to its powerful airflow. With its powerful airflow, the cool air can be distributed evenly to every corner of the room.

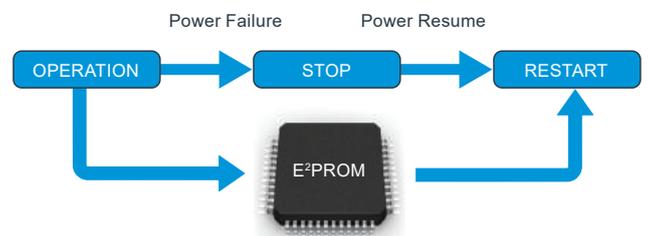


Turbo mode will provide maximum cooling continuously for 20 minutes where the fan speed will be set to high fan speed automatically as default. This enables the desired temperature to be achieved faster.



## Auto Random Restart

In the event of sudden power failure during operation, the floor standing restarts automatically in 64 different recovery timing patterns (within 180 seconds to 244 seconds) and it will operate based on the previous settings (operating mode, temperature setting and fan speed).



## Indoor Air Filtration

“Washable Saranet Filter will be provided as standard for the removal of airborne dust particles. The unit is designed with easy access to the filter for easier cleaning maintenance. Safety hook mechanism for safety purpose during the removal of filter to prevent to access to electrical and mechanical parts.”

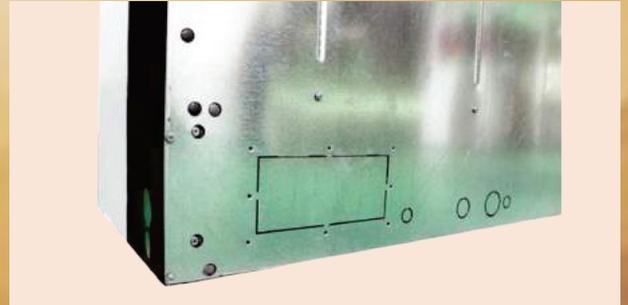


## Filter Drier

Filter Drier is installed to filter contaminants and dirt in the system which can avoid blockage to the passage flow of the refrigerant in the expansion valve and cause improper operation to the system.

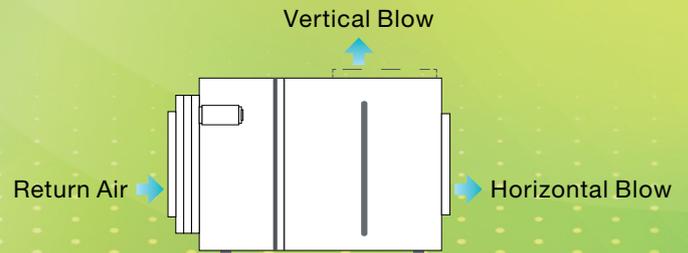


Fresh air intakes is one of the key components of the HVAC system to preserve a clean and fresh indoor environment in your home. Fresh Air Mixing is available with Acson Large Floor Standing which up to 20% of fresh air air can be introduced to the return air. Knock hole is ready available at the rear unit for the easy ducting connection.



## Convertible Air Discharge

The air discharge convertible from vertical to horizontal discharge for versatility installation



## High Durability

The outdoor unit casing is adopted with zinc coated heavy gauge galvanised steel, with exterior surfaces finished with a weather resistant polyester powder casing, painted with ivory colour to increase the durability. The heat exchanger is coated with Trivalent Chromium Pretreatment (TCP) which have higher resistance to corrosion, rust, rain and etc without affecting the cooling performance compared to bare fin. By performing atmospheric pressure test at 100, from seashore, the appearance of TCP coated coil do not have much changes even after 2 years but the uncoated coils observed to have fin debonding after 1 year.

Remarks: Optional Epoxy Coating is available per request.

## Reliable and Safety Protection

### High Efficiency Scroll Compressor

“It offers high cooling capacity, reliability, exceptional energy efficiency and low noise levels. For safety purpose, the compressor is incorporated with internal overload protection.”

### Phase Sequential Protection

It is important to protect compressor from phase reversal or phase-missing especially when the unit is about to start up.

### Crankcase Heater

It is provided to keep the compressor oil at an elevated temperature to ensure the refrigerant does not migrate and mix with the oil.

### Condenser Fan Motor with IP 55 Ingress Protection

The motor is designed with dust proof bearing to ensure the longer reliability operation from dirt and dust.


**SPLIT TYPE UNIT**

**Specification**

NON INVERTER TYPE FLOOR STANDING UNIT			Indoor Outdoor	CRI75BR CRO75BR
Indoor Unit	Cooling	Capacity	Btu/h	74000
			kW	21.00
		Rated Cooling Power Input	kW	7.20
		Rated Cooling Current	A	13.50
		<b>EER</b>	<b>W/W</b>	<b>2.96</b>
	Heating	Capacity	Btu/h	74000
			kW	21.70
		Rated Heating Power Input	kW	7.40
		Rated Heating Current	A	14.00
		<b>COP</b>	<b>W/W</b>	<b>2.94</b>
	Max. Input Consumption	kW	7.80	
	Indoor Power Supply	V~, Hz, Ph	220~240, 50, 1	
	Indoor Air Flow (Hi / Mi / Lo)	m <sup>3</sup> /h	4000 / 3500 / 3200	
	Noise Level (Hi / Mi / Lo)	dB(A)	56 / 53 / 50	
Indoor Unit	Indoor Fan Motor	Output Power x Fan quantity	W	AC 120 x 2
		Capacitor	µF	5
	Dimension (W×D×H)	Speed (Hi / Mi / Lo)	r/min	540 / 490 / 440
		Net (Body)	mm	1200 x 360 x 1850
	Weight	Packing (Body)	mm	1270 x 430 x 2000
Net (Body)		kg	111	
	Gross (Body)	kg	131	
Outdoor Unit	Power supply		V~, Hz, Ph	380-415, 50, 3
	Compressor	Type	W	Non Inverter Rotary
		Output Power x Fan quantity	µF	AC 160 x 2
	Outdoor fan motor	Capacitor	r/min	8
		Speed		860 / 690 / 550
	Coil	a.Number Of Row	mm	2
		c.Fin Pitch		1.4
		d.Fin Material	mm	Hydrophilic aluminum fin
		e.Tube Outside Dia.And Material		7
	Air Flow Volume		CFM	3530 x 2
			m <sup>3</sup> /h	6000 x 2
	Noise Level		dB(A)	58
	Dimension (W×D×H)	Net	mm	1120 x 400 x 1510
		Packing	mm	1270 x 545 x 1710
	Weight	Net	kg	176
Gross		kg	191	
Refrigerant type / Quantity	Type		R410A	
	Charged Volume	g	2 * 2200	
Design Pressure		Mpa	4.4 / 1.4	
Refrigerant Pipe	Liquid Side	mm	9.52 (3 / 8) x 2	
	Gas Side	mm	19.05 (3 / 4) x 2	
	Max. Length	m	50	
	Max. Height	m	20	
Ambient Temp (Cooling / Heating)		C°	-5~-49/-15~24	
Connection Wiring	Power Wiring (Indoor)	mm <sup>2</sup>	3 x 1mm <sup>2</sup>	
	Power Wiring (Outdoor)	mm <sup>2</sup>	5 x 4mm <sup>2</sup>	
	Single Wiring	mm <sup>2</sup>	2 x 1mm <sup>2</sup>	