



# FANMASTER

COOLING HEATING VENTILATION DISTRIBUTION



## INDUSTRIAL PORTABLE AIR CONDITIONERS

By



Cool Air Anywhere Anytime

[www.fanmaster.com.au](http://www.fanmaster.com.au)

## What is Air Conditioning?

Air Conditioning is the act of removing heat from the air. Warm or hot air passes over the evaporative coils creating cool air. This is done by using 5 interrelated parts;

- Refrigerant
- Compressor
- Condenser
- Expansion Valve
- Evaporator Coil

The ICEN Portable Air Conditioners are available in 3 different models allowing for multiple uses and applications in the commercial and industrial markets.

Includes spot cooling for large areas where cooling of the entire area is not practical - thermostat controlled

Can be used in smaller areas of up to 100m<sup>2</sup> for room cooling

Includes a control panel for ease of use and contains a self-diagnostic function and display, showing operating modes, room and set temperatures, and faults

Advises if an abnormal operation occurs via a visual display of the fault

Incorporate lockable wheels are included for easy portability

### Used effectively in the following applications:

- Warehouse, Workshops & Factories
- Commercial Kitchens
- Hospitals & Laboratories
- Emergency Cooling & Server Rooms
- Multiworkstations
- Marquee Events
- Temporary Office Cooling
- Equipment Spot Cooling
- Military use - Tents, Aircraft Hangars

### FEATURES

- Easy Installation
- Cleanses & Dehumidifies the Air
- Washable Filters
- Self-Diagnostic System
- Auto-Restart (power interruption)
- Compressor Time Delay
- Anti-Freezing Device

### BENEFITS

- Better air supplied
- No specific training required
- Cost savings
- Product longevity
- Reduced workflow interruption

### ADVANTAGES

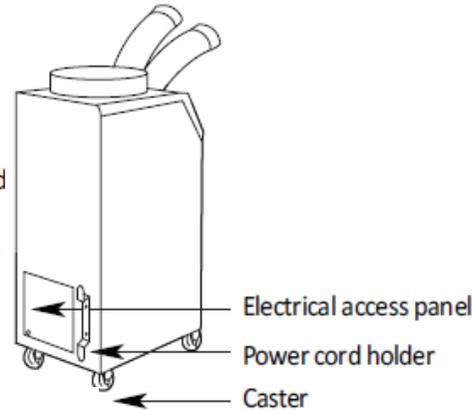
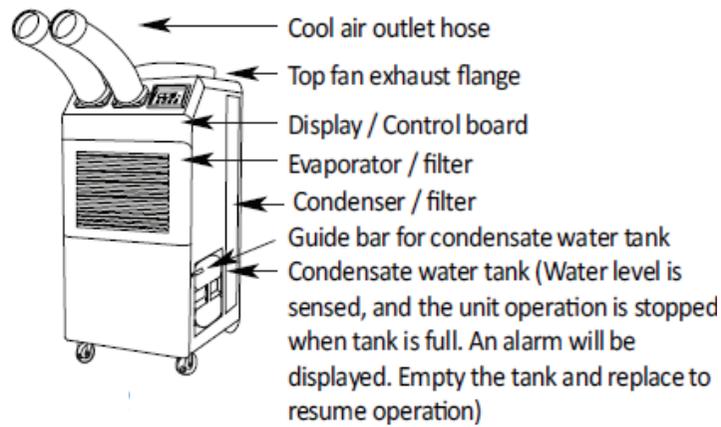
- Convenient
- Ability to cover a wider area
- Dual Purpose
- Able to monitor water levels
- Easy to move and relocate
- Ease of cleaning and maintenance





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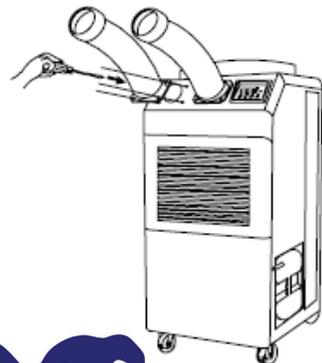
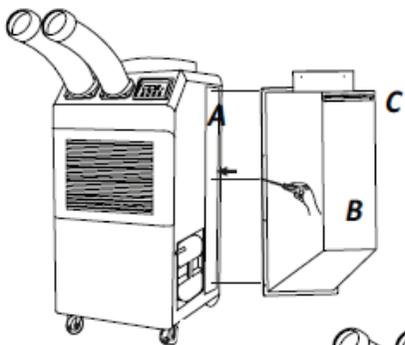
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### AMBIENT AIR ADAPTER (Optional)

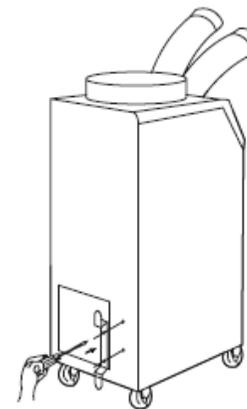
An ambient air adapter can be purchased separately. Air adapter fits over the condenser to duct condenser air to the unit to improve cooling efficiency.

1. Remove the Filter("A")
2. Check the Filter("C") is inserted properly in Intake Warm Air Duct("B")
3. Install "B" which contains "C" by using driver with enclosed bolts(6EA)



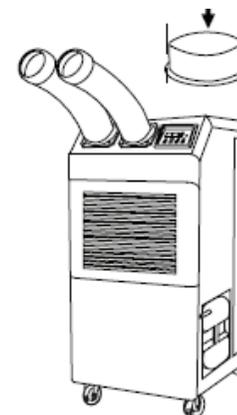
### DISCHARGE DUCTS/SUPPLY AIR DUCT

1. Remove cool air outlet hose(s) from carton.
2. Place the cool air outlet hose(s) on the front top of air conditioner.
3. Use screws (enclosed inside of box with cool air outlet hose(s) to install the cool air outlet hose(s) on the air conditioner



### POWER CORD HOLDER

1. Take out the cord holder from the accessory box.
2. Place the cord holder on the back side of air conditioner.
3. Use screws (enclosed inside of accessory box with cord holder) to install the cord holder on the air conditioner



### TOP FAN EXHAUST FLANGE

1. Remove the top fan exhaust flange from carton.
2. Place the top fan exhaust flange on the top of air conditioner.
3. Use screws (enclosed inside of box with the top fan exhaust flange) to install the top fan exhaust flange on air conditioner





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IPAC-47 / IPAC-61

IPAC-94

## TECHNICAL DATA SHEET

### SPECIFICATION

Model No	IPAC-47	IPAC-61	IPAC-94
Cooling Capacity KW BTU	4.7 16,000	6.1 21,000	9.4 32,000
Air Flow (L/s)	189/222	219/264	366/416
Power Consumption	1.7KW	2.1KW	3.3KW
Voltage	220~240V / 50Hz	220~240V / 50Hz	220~240V / 50Hz
Current (A)	7.5	9.5	16.5
Plug Connection	3 pin 10amp	3 pin 15amp	Fixed wiring*
Refrigerant	R410A	R410A	R410A
Refrigerant Charge	950 grams (+/-10g)	1050 grams (+/-10g)	1500 grams (+/-10g)
EER (Energy Efficient Ratio) BTU/Wh	9.8	-	10.6
Cooling Area (m2) (room mode)	40	50	100
No. of Cool Air Duct	2	2	3
Fan Speed	2	2	2
Weight	86kg	88kg	110kg
Dimensions (mm)	(W)523x(D)671x(H)1042	(W)523x(D)671x(H)1042	(W)660x(D)885x(H)1380
Country of Manufacture	South Korea	South Korea	South Korea
Cable Length	3m	3m	3m

