



# FANMASTER

COOLING HEATING VENTILATION EXTRACTION



## PRODUCT CATALOGUE

# ABOUT US

Fanmaster is a manufacturer & importer of high quality industrial fans, evaporative coolers, portable air conditioners, heaters, ventilation & extraction equipment. The Fanmaster range is synonymous with quality, affordability and reliability. We are a wholly owned and Australian business, who through our reseller network, provide solutions throughout the Asia-Pacific region.

Originally founded in 1946, Fanmaster was restructured and came into existence as it is now known today and in 2009 became a propriety limited company. Fanmaster is one of Australia's longest running cooling, heating and ventilation companies in Australia.

We at Fanmaster, provide quality service to the industrial and commercial markets by providing first class customer service backed up with superior technical knowledge. Fanmaster strives to help its customers build and develop their chosen markets through supply partnerships and a commitment to providing outstanding support. We only sell products of the highest quality. The entire Fanmaster range has been tried and tested under extreme pressures in a variety of environments.

We are the heating, cooling and ventilation experts and our sales support is second to none, so you can rest assured you are buying a reliable product of the highest quality that is comprehensively supported and built to last. We have our established brands such as Fanmaster, National Fans (NF) & Masterfans. We have also partnered with high quality international brands such as OUBER, ICEN & VAL6.

## Our Brands



## Partner Brands



## Australian Made

Fanmaster manufactures a range of high quality and heavy duty industrial fans & electric heaters in our manufacturing plant based in Kirrawee, New South Wales.



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**reliable | trusted | quality**

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# COOLING



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PRODUCT	NAME	DESCRIPTION	PAGE
	<b>PORTABLE EVAPORATIVE COOLERS</b>	Portable Evaporative Coolers. Area coverage from 30m <sup>2</sup> to 150m <sup>2</sup>	<b>10-11</b>
	<b>FIXED EVAPORATIVE COOLERS</b>	Fixed Evaporative Coolers	<b>12</b>
	<b>PORTABLE AIR CONDITIONERS</b>	Portable Air Conditioners. Sizes from 2.7KW to 9.4KW. Spot & Room Cooling. Reverse cycle unit available	<b>14-15</b>
	<b>MISTING FANS</b>	Heavy duting portable misting fan	<b>16</b>
	<b>MOBILE MANCOOLERS</b>	Mini & Mobile Mancoolers. Sizes from 300mm to 1000mm. Single or three phase	<b>16-17</b>
	<b>PEDESTAL, WALL &amp; FLOOR FANS</b>	Heavy duty pedestal, wall & floor fans. Sizes from 300mm to 850mm	<b>18-20</b>

PRODUCT BY APPLICATION



PAC125-ADC



PAC280-A



PACIMD  
PACISD



IDDAC-670



IAC-27  
IAC-45  
IAC-65



IPAC-47  
IPAC-61  
IPAC-94

	CONSTRUCTION					
COOLING SITES		✓	✓		✓	✓
COOLING WORKERS	✓	✓	✓		✓	✓
	WAREHOUSES, FACTORIES, WORKSHOPS & GARAGES					
SPACE COOLING	✓	✓	✓	✓		✓
SPOT COOLING	✓	✓	✓	✓	✓	✓
	RESTAURANTS, RETAIL & OFFICES					
SPACE COOLING	✓	✓		✓		✓
SPOT COOLING	✓	✓			✓	✓
	AGRICULTURE					
COOLING LIVE STOCK		✓	✓	✓		
COOLING GREENHOUSES		✓	✓	✓		
	MARQUEE/TENTS - EVENTS, MILITARY					
OUTDOOR COOLING	✓	✓	✓			
TENT COOLING	✓	✓	✓		✓	✓
	RENTAL & EMERGENCY BREAKDOWNS					
SPACE COOLING	✓	✓	✓			✓
SPOT COOLING	✓	✓	✓		✓	✓

PRODUCT BY APPLICATION



IMF600



MC



IFP  
NFPD75



IFW  
NFWL75



IFF  
NFFL45

	CONSTRUCTION				
AIR MOVEMENT	✓	✓	✓	✓	✓
COOLING WORKERS	✓	✓	✓	✓	✓
DUST SUPPRESSION	✓				
	WAREHOUSES, FACTORIES, WORKSHOPS & GARAGES				
AIR MOVEMENT	✓	✓	✓	✓	✓
COOLING WORKERS	✓	✓	✓	✓	✓
	RESTAURANTS, RETAIL & OFFICES				
AIR MOVEMENT			✓	✓	✓
COOLING PEOPLE			✓	✓	✓
	AGRICULTURE				
COOLING LIVE STOCK	✓	✓	✓	✓	
COOLING GREENHOUSES	✓	✓	✓	✓	
	MARQUEE/TENTS - EVENTS, MILITARY				
OUTDOOR COOLING	✓	✓	✓		✓
TENT COOLING			✓		✓
	RENTAL & EMERGENCY BREAKDOWNS				
AIR MOVEMENT	✓	✓	✓		✓
COOLING PEOPLE	✓	✓	✓		✓

# COOLING

## PORTABLE EVAPORATIVE COOLERS

### PAC125-ADC

2 YEAR  
WARRANTY

**OUBER®**



#### Features:

- Efficient and durable spot cooler
- Digital LCD control panel with remote control for easy use
- Air supply distance up to 8m
- Automatic swing louvre function
- DC motor
- Low power consumption
- 3 cooling pads with pre filters for dust
- Wheels with brake function

#### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Construction sites
- Events & military
- Rental & Emergency

SPECIFICATIONS	UNIT	PAC125-ADC
Air Flow	L/S	1,111
Fan Type		Axial
Noise Level	dBa	<61
Motor	kW	0.125
Voltage/Frequency		220~240/50
Current	A	0.78
Plug Connection		3 Pin 10A
Cooling Area	m <sup>2</sup>	up to 30
Air Supply Distance	m	8
Tank Capacity	L	40
Water Consumption	L/H	3-8
Fan Speed		9
Cooling Pad Size	mm	580*225
Cooling Pad Thickness	mm	40
Material of Blades		
Material of Body		PP body + tank
Weight	kg	16.5 / 19
Product Dimensions (L*D*H)	mm	580*375*1050
Pack Dimensions	mm	590*390*1000

## PORTABLE EVAPORATIVE COOLERS

### PAC280-A

2 YEAR  
WARRANTY

**OUBER®**



#### Features:

- Efficient and durable spot cooler
- Digital LCD control panel with remote control for easy use
- Air supply distance up to 11m
- Automatic swing louvre function
- Large water tank for longer operation
- Low power consumption
- 3 large cooling pads with pre filters for dust
- Heavy duty wheels with brake function
- Connect to standard garden hose connection for continuous water supply

#### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Construction sites
- Events & military
- Rental & Emergency



WATCH ME

SPECIFICATIONS	UNIT	PAC280-A
Air Flow	L/S	2,111
Fan Type		Axial
Noise Level	dBa	<63
Motor	kW	0.28
Voltage/Frequency		220~240/50
Current	A	1.3
Plug Connection		3 Pin 10A
Cooling Area	m <sup>2</sup>	up to 50
Air Supply Distance	m	11
Tank Capacity	L	120
Water Consumption	L/H	10
Fan Speed		3
Cooling Pad Size - side/back	mm	698*230 / 700*770
Cooling Pad Thickness - side/back	mm	55 / 75
Material of Blades		Nylon
Material of Body		PP body + tank
Weight	kg	38 / 43
Product Dimensions (L*D*H)	mm	910*490*1380
Pack Dimensions	mm	920*490*1280



## PORTABLE EVAPORATIVE COOLERS

### PACISD - SINGLE DIRECTIONAL

2 YEAR  
WARRANTY

**OUBER®**

#### Features:

- Efficient and durable spot cooler
- Digital LCD control panel with remote control for easy use
- Air supply distance up to 28m
- Automatic swing louvre function
- Large water tank for longer operation
- Low power consumption
- 4 large cooling pads with pre filters for dust
- Heavy duty wheels with brake function
- Connect to standard garden hose connection for continuous water supply

#### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Construction sites
- Events & military
- Rental & Emergency



WATCH ME



SPECIFICATIONS	UNIT	PACISD
Air Flow	L/S	5,000
Fan Type		Axial
Noise Level	dBa	<68
Motor	kW	1.1
Voltage/Frequency		220~240/50
Current	A	7.5
Plug Connection		3 Pin 10A
Cooling Area	m <sup>2</sup>	up to 150
Air Supply Distance	m	28
Tank Capacity	L	300
Water Consumption	L/H	15
Fan Speed		Variable
Cooling Pad Size	mm	700*770
Cooling Pad Thickness	mm	100
Material of Blades		ABS
Material of Body		PP body + Galvanised Steel Tank
Weight	kg	98/120
Product Dimensions (L*D*H)	mm	1080*1080*1940
Pack Dimensions	mm	1080*1080*2150

## PORTABLE EVAPORATIVE COOLERS

### PACIMD - MULTI DIRECTIONAL

2 YEAR  
WARRANTY

**OUBER®**

#### Features:

- Efficient and durable spot cooler
- Digital LCD control panel with remote control for easy use
- 8 x air outlets
- Adjustable swing louvres
- Large water tank for longer operation
- Low power consumption
- 4 large cooling pads with pre filters for dust
- Heavy duty wheels with brake function
- Connect to standard garden hose connection for continuous water supply

#### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Construction sites
- Events & military
- Rental & Emergency



WATCH ME



SPECIFICATIONS	UNIT	PACIMD
Air Flow	L/S	5,000
Fan Type		Axial
Noise Level	dBa	<68
Motor	kW	1.1
Voltage/Frequency		220~240/50
Current	A	7.5
Plug Connection		3 Pin 10A
Cooling Area	m <sup>2</sup>	up to 150
Air Supply Distance	m	4 per air outlet (8)
Tank Capacity	L	300
Water Consumption	L/H	15
Fan Speed		Variable
Cooling Pad Size	mm	700*770
Cooling Pad Thickness	mm	100
Material of Blades		ABS
Material of Body		PP body + Galvanised Steel Tank
Weight	kg	89/110
Product Dimensions (L*D*H)	mm	1080*1080*1640
Pack Dimensions	mm	1080*1080*1800

# COOLING

## FIXED EVAPORATIVE COOLERS

## IDDAC-670

2 YEAR  
WARRANTY

OUBER®



WATCH ME  
FEATURES &  
APPLICATIONS



WATCH ME  
HOW IT  
WORKS

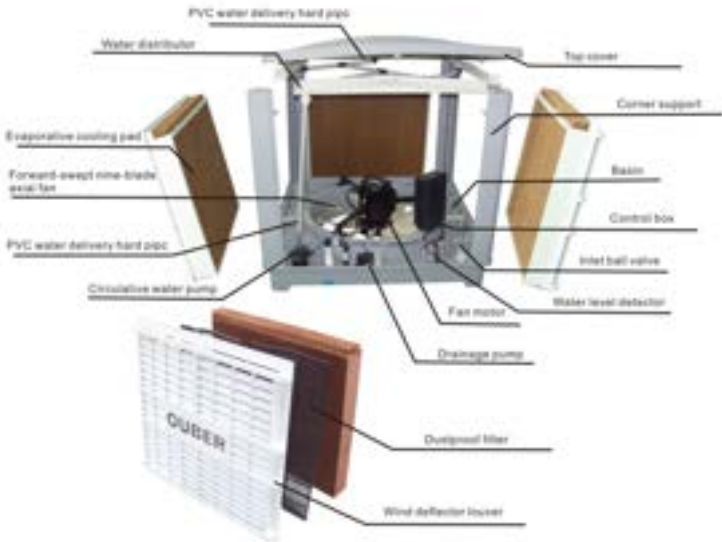
### Features:

- High air flow with low noise
- Down draft air outlet
- 4 x air inlets with filters
- LCD control panel with remote control
- Low power consumption - 1.1kW, 240v
- Plumbed in for continuous water supply
- Roof or wall mounted options
- Fresh cool air constantly supplied
- Fan only option

### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- New & existing commercial & industrial builds
- Events & Military

SPECIFICATIONS	UNIT	IDDAC-670
Air Flow	L/S	5,000
Fan Type		Axial
Noise Level	dBa	<68
Motor	kW	1.1
Voltage/Frequency		220~240/50
Current	A	7.5
Plug Connection		Hard Wired
Cooling Area	m <sup>2</sup>	up to 150
Air Supply Distance	m	22
Tank Capacity	L	25
Water Consumption	L/H	20
Fan Speed		Variable
Cooling Pad Size	mm	700*770
Cooling Pad Thickness	mm	100
Material of Blades		ABS
Material of Body		PP body
Weight	kg	56/69
Product Dimensions (L*D*H)	mm	1080*1080*980
Pack Dimensions	mm	1080*1080*1000



## What is Evaporative Cooling?

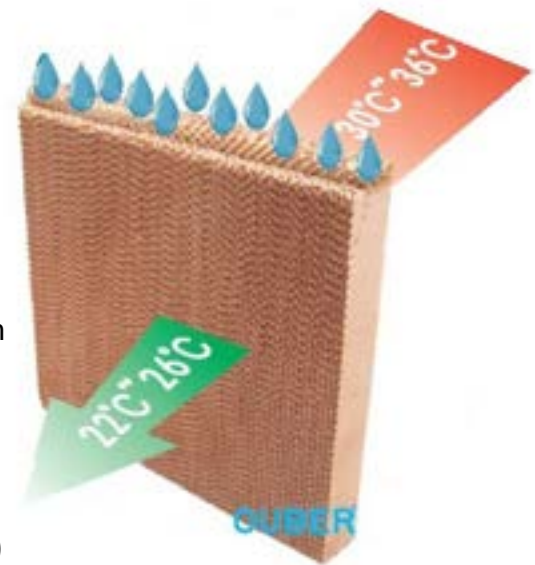
Evaporative cooling is a form of air conditioning and is an alternate to traditional refrigerant based air conditioning systems. Evaporative cooling utilises the natural process of evaporation to cool the air.

## How it works?

Evaporative coolers use a low wattage water pump to circulate water from the water tank which then distributes the water across multiple cooling pads, which in turns become very wet. The fan draws the warm ambient temperature through the damped cooling pads, as it passes through the air is cooled by evaporation.

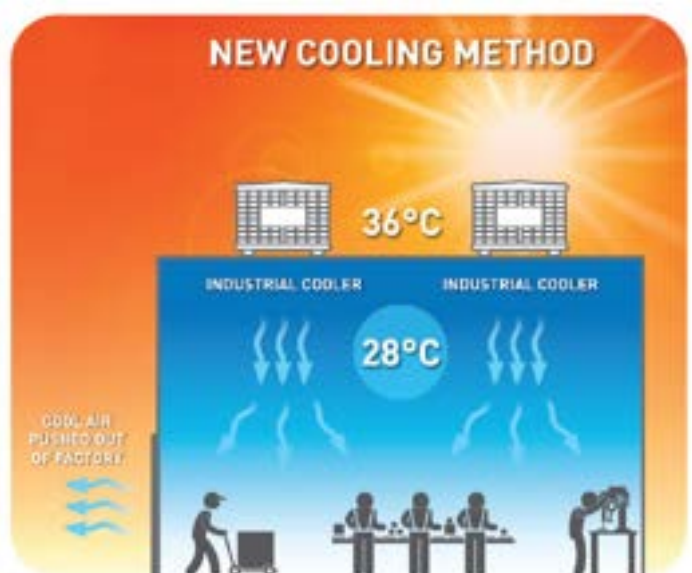
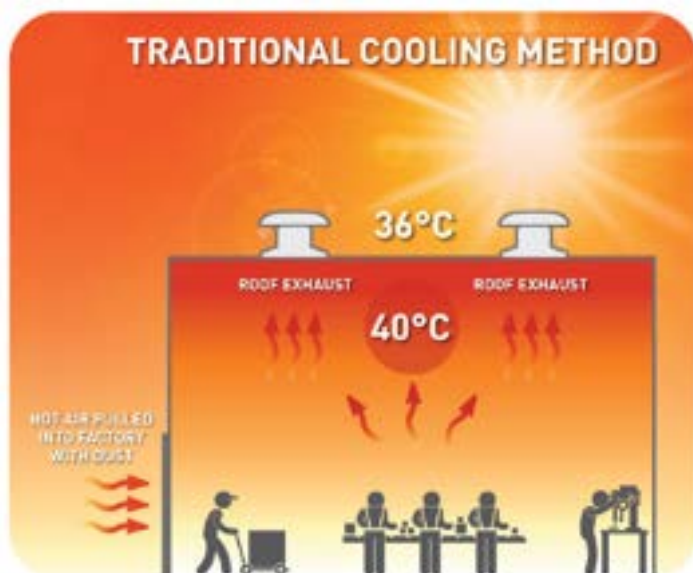
## Advantages

- Less expensive to install
- Less expensive to operate (vs refrigerated air conditioning systems)
- Ease of maintenance
- Constant fresh air is supplied



## Temperature Drop Chart

		Outdoor Humidity								
	Outlet Temperature	10%	20%	30%	40%	50%	60%	70%	80%	90%
Outdoor Temperature	25°C	12.0	13.0	14.5	15.7	17.5	19.1	21.5	22.3	23.7
	27°C	13.5	14.5	16.5	17.4	20.0	21.2	23.0	24.6	27.0
	30°C	15.5	16.5	19.0	20.4	22.5	23.9	26.0	27.6	30.0
	32°C	17.0	18.0	21.0	22.6	25.0	26.6	29.0	30.4	32.0
	35°C	19.0	20.0	23.0	24.8	27.5	29.1	31.5	33.1	
	37°C	20.5	22.7	25.0	26.8	29.5	31.1	33.5		
	40°C	22.0	23.8	26.5	28.3	31.0	33.0			
	42°C	23.0	25.0	28.0	29.8	32.5				
	45°C	24.0	25.9	28.9	30.8					



# COOLING

## PORTABLE AIR CONDITIONERS

### IAC-27, IAC-45, IAC-65

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION

#### Features:

- Spot cooling in a variety of cOmmerical & industrial applications
- Heavy duty self-contained housing
- Easy to use on/off switch
- Adjustable cooling arms
- Easy to remove condensor tank
- Exhaust duct standard to direct hot air away
- Cleanse and dehumidifies the air
- Compact and easy to move
- Heavy duty wheels with brake function

#### Applications:

- Warehouses, Workshops & Factories
- Commerical Kitchens
- Hospitals & Laboratories
- Emergency Cooling & Server Rooms
- Multiworkstations
- Marquee events
- Temporary office cooling
- Equipment spot cooling

SPECIFICATIONS	UNIT	IAC-27	IAC-45	IAC-65
Max Air Flow	L/S	111	222	333
Cooling Capacity	Kw / BTU	2.7 / 9,200	4.5 / 15,300	6.5 / 22,000
Noise Level	dBa	55	60	65
Rated Power	kW	0.95	2	3.3
Voltage/Frequency		220~240V/50Hz	220~240V/50Hz	220~240V/50Hz
Current	A	4.2	9.0	13.5
Plug Connection		3 Pin 10A	3 Pin 15A	3 Pin 15A
Refrigerant		R410A	R410A	R410A
Refrigerant Charge		460 grams (+/-10g)	800 grams (+/-10g)	1050 grams (+/-10g)
No. of Cool Air Duct		1	3	3
Cooling Duct Diameter	mm	120	120	120
Exhaust Duct Diameter	mm	160	200	250
Fan Speed		2	2	2
Condensation Tank	L	55	60	65
Weight	kg N/G	5	8	13
Product Dimensions	mm	42 / 47	70 / 75	94 / 150
Pack Dimensions	mm	(W)405x(D)430x(H)855	(W)520x(D)480x(H)1035	(W)630x(D)560x(H)1245
Pack Dimensions 1	mm	(W)484 x (D)515 x (H)965	(W)570x(D)610x(H)1110	(W)720x(D)650x(H)1350
Pack Dimensions 2	mm		(W)260x(D)350x(H)370	(W)380x(D)280x(H)515

## PORTABLE AIR CONDITIONERS

### IPAC-47, IPAC-61, IPAC-94

2 YEAR  
WARRANTY

**ICEN**

#### Features:

- Premium cooling solution
- Spot & Room mode cooling (dedicated thermostat controls)
- Room mode cools up to 100m<sup>2</sup>
- Heavy duty self-contained housing
- Easy to use LCD control panel
- Adjustable cooling arms
- Easy to remove condensor tank
- Cleanse and dehumidifies the air
- Self-diagnostic system
- Heavy duty wheels with brake function

#### Applications:

- Warehouses, Workshops & Factories
- Commerical Kitchens
- Hospitals & Laboratories
- Emergency Cooling & Server Rooms
- Multi workstations
- Marquee events
- Temporary office cooling
- Equipment spot cooling
- Military use - tents, aircraft hangars



WATCH ME  
IPAC-47



WATCH ME  
IPAC-61



WATCH ME  
IPAC-94

SPECIFICATIONS	UNIT	IPAC-47	IPAC-61	IPAC-94
Air Flow	L/S	189/222	219/264	366/416
Cooling Capacity	Kw / BTU	4.7 / 16,000	6.1 / 21,000	9.4 / 32,000
Power Consumption	kW	1.7	2.1	3.3
Voltage/Frequency		220~240V/50Hz	220~240V/50Hz	220~240V/50Hz
Current	A	7.5	9.5	16.5
Plug Connection		3 Pin 10A	3 Pin 15A	*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 (Room Mode)	m <sup>2</sup>	40	50	100
No. of Cool Air Duct		2	2	3
Fan Speed		2	2	2
Weight	kg	86	88	110
Dimensions	mm	(W)523x(D)671x(H)1042	(W)523x(D)671x(H)1042	(W)660x(D)885x(H)1380
Cable Length	m	3	3	3
Country of Manufacture	m	South Korea	South Korea	South Korea

\* Fixed wiring - a qualified electrician is required to do any fixed wiring work for this appliance



## PORTABLE AIR CONDITIONER (REVERSE CYCLE)

## IPHC-35

1 YEAR  
WARRANTY

ICEN



### Features:

- Perfect all year round solution
- Cooling, Heating & Auto Modes
- 4kW Cooling capacity
- 4.3kW Heating capacity
- Self-diagnostic function
- 6 Speeds
- 143 L/s Airflow
- 32m<sup>2</sup> cooling area
- Heavy duty self-contained housing
- Easy to use LCD control panel
- Easy to remove condensor tank
- Heavy duty wheels with brake function

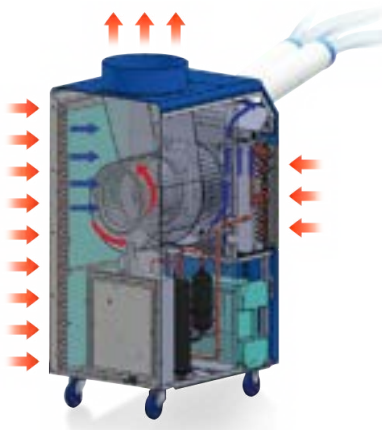
### Applications:

- Warehouses Workshops Factories
- Agricultural
- Hospitality
- Offices
- Showrooms
- Events (tents/marquees)

SPECIFICATIONS	UNIT	IPHC-35
Capacity	Kw / BTU	4 / 13,600 4.3 / 14,800
Cooling		
Heating		
Air Flow	L/S	143
Power Consumption	kW	1.58 1.41
Cooling		
Heating		
Voltage/Frequency		220~240V/50Hz
Current	A	7 6.36
Cooling		
Heating		
Plug Connection		3 Pin 10A
Refrigerant		R410A
Refrigerant Charge		1,100g
EER (Energy Efficient Ratio)	BTU/Wh	11
Air Grill		
Fan Speed		
Condensation Tank	L	12
Cooling Area	m <sup>2</sup>	32
Product Dimensions	mm	523x670x1044
Pack Dimensions	mm	545x695x1110
Weight	kg	86

## What is a Portable Air Conditioner?

A portable air conditioner is a completely self-contained refrigerated air conditioning system housed within a heavy duty insulated cabinet on wheels. Ideal for applications where an installed system is not viable and for emergency and breakdown applications.



## How does it work?

A portable air conditioner works by using refrigerant to absorb heat from the air in a room and then expelling the heat outside. The refrigerant is a special fluid that can change from a liquid to a gas and back again. When the refrigerant is a liquid, it absorbs heat. When the refrigerant is a gas, it releases heat.



# COOLING

## INDUSTRIAL MISTING FAN

### IMF600

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION

#### Features:

- Heavy duty drum style misting fan
- Large air flow with greater effective distance
- Portable on wheels
- 90° Oscillation for greater coverage
- Covers an area up to 80m<sup>2</sup>
- Long lasting water tank up to 9 hours
- Adjustable misting control

#### Applications:

- Warehouse, Factories & Workshops
- Construction sites
- Agriculture
- Outdoor events
- Dust & Waste control



WATCH ME



SPECIFICATIONS	UNIT	IMF600
Air Flow	L/S m <sup>3</sup> /h	2666 / 160
Noise Level	dBa	<70
Motor	W	800
Voltage/Frequency		220~240
Current		
Plug Connection		3 Pin 10A
Fan Type		Axial
Effective Area	m <sup>2</sup>	50 - 80
Mist Distance	m	12
Tank Size	L	90
Consumption	L/h	10
Fan Speed		1
Product Dimensions (L*D*H)		690*523*1730
Weight	kg	72

## MINI MANCOOLERS

### MC3, MC4

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION

#### Features:

- Robustly built
- Extracts dust, fumes and smoke
- Heavy duty frame
- Powder coated rolled steel casing
- Fitted with finger guards
- Can be fitted with ducting
- Vertical tilt adjustment
- Available as wall mounted or portable
- IP55 motor standard (IP65 available)
- Exe & Exd motors only available for MC4
- Made in Australia

#### Applications:

- Warehouse, Workshops & Factories
- Construction sites
- Agriculture
- Mining
- Confined spaces



SPECIFICATIONS	UNIT	MC3-370-4	MC3-370-4-3	MC3-550-2	MC3-550-2-3	MC4-370-4	MC4-370-4-3	MC4-750-2	MC4-750-2-3
Diameter	mm	300	300	300	300	400	400	400	400
Motor	W	370	370	550	550	370	370	750	750
Pole		4	4	2	2	4	4	2	2
Voltage		240	415	240	415	240	415	240	415
Plug Connection		3 Pin 10A	4 Pin 10A	3 Pin 10A	4 Pin 10A	3 Pin 10A	4 Pin 10A	3 Pin 10A	4 Pin 10A
Air Flow	L/S	600	600	1140	1140	1250	1250	2120	2120
Weight	kg	25	25	27	27	30	30	35	35



## MOBILE MANCOOLERS

## MC5, MC6, MC8, MC10

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION

### Features:

- Robustly built
- Circulate air to workers in enclosed or hot locations
- Extract dust, fumes and smoke
- Heavy duty frame and wheels
- Powder coated rolled steel casing
- Fitted with finger guards
- Vertical tilt adjustment
- IP55 motor standard (IP65 available)
- Exe & Exd motors are available on sizes starting from 400mm
- Made in Australia

### Applications:

- Warehouse, Factories & Workshops
- Construction sites
- Agriculture
- Mining



SPECIFICATIONS	UNIT	MC5-750-4	MC5-750-4-3	MC5-11-2	MC5-11-2-3	MC6-750-4	MC6-750-4-3	MC6-750-4-3-E	MC6-11-4	MC6-11-4-3
Diameter	mm	500	500	500	500	600	600	600	600	600
Motor	W	750	750	1100	1100	750	750	750	1100	1100
Pole		4	4	2	2	4	4	4	4	4
Voltage		240	415	240	415	240	415	400	240	415
Plug Connection		3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A
Air Flow	L/S	2600	2600	3450	3450	3900	3900	3900	4500	4500

SPECIFICATIONS	UNIT	MC6-15-4	MC6-15-4-3	MC6-15-4-3E	MC8-15-4	MC8-15-4-3	MC8-22-4	MC8-22-4-3	MC10-3-4-3	MC10-55-6-3
Diameter	mm	600	600	600	800	800	800	800	1000	1000
Motor	W	1500	1500	1500	1500	1500	2200	2200	3000	5500
Pole		4	4	4	4	4	4	4	4	6
Voltage		240	415	400	240	415	240	415	415	415
Plug Connection		3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A
Air Flow	L/S	5250	5250	5250	6800	6800	8820	8820		17,000

Air flow stated is free air flow. Intrinsically safe refers to motor Ex e.

# COOLING

## INDUSTRIAL PEDESTAL FANS

3 YEAR  
WARRANTY

**FANMASTER**  
*Premium*

### IFP500, IFP600, IFP650, IFP750, IFP850

#### Features:

- Premium quality fans
- Full range of sizes to suit any application
- 3 speeds
- 90° adjustable oscillation
- Low wattage means cheaper running costs
- Quick release clips on guards for easy cleaning

#### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Construction sites
- Events & military
- Rental & Emergency

SPECIFICATIONS	UNIT	IFP500	IFP600	IFP650	IFP750	IFP850
Diameter	mm	500	600	650	750	850
Motor	W	130	170	210	240	350
Plug Connection		3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A
Maximum Air Flow	L/S	2166	3250	3833	5033	6500
Weight	kg	17	18	26	28	30
STAGE 1						
Power	w	97	120	148	175	255
Speed	rpm	1100	1100	1100	1100	1100
Noise	dB	48	52	55	58	68
Air Flow	L/S	1583	2083	2383	3566	4250
STAGE 2						
Power	w	106	130	175	195	283
Speed	rpm	1250	1250	1250	1250	1250
Noise	dB	50	56	60	70	82
Air Flow	L/S	1933	2500	2833	4500	5333
STAGE 3						
Power	w	130	170	210	240	350
Speed	rpm	1400	1400	1400	1400	1400
Noise	dB	55	62	68	75	88
Air Flow	L/S	2166	3250	3883	5033	6500

## INDUSTRIAL WALL FANS

3 YEAR  
WARRANTY

**FANMASTER**  
*Premium*

### IFW500, IFW600, IFW650, IFW750, IFW850

#### Features:

- Premium quality fans
- Full range of sizes to suit any application
- 3 speeds
- 90° adjustable oscillation
- Low wattage means cheaper running costs
- Pull cord switch for ease & safety
- Quick release clips on guards for easy cleaning

#### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Construction sites
- Events & military
- Rental & Emergency

SPECIFICATIONS	UNIT	IFW500	IFW600	IFW650	IFW750	IFW850
Diameter	mm	500	600	650	750	850
Motor	W	130	170	210	240	350
Plug Connection		3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A
Maximum Air Flow	L/S	2166	3250	3833	5033	6500
Weight	kg	14	15	16	17	19
STAGE 1						
Power	w	97	120	148	175	255
Speed	rpm	1100	1100	925	1100	1100
Noise	dB	48	52	45	58	68
Air Flow	L/S	1583	2083	2383	3566	4250
STAGE 2						
Power	w	106	130	175	195	283
Speed	rpm	1250	1250	1250	1250	1250
Noise	dB	50	56	55	70	82
Air Flow	L/S	1933	2500	2833	4500	5333
STAGE 3						
Power	w	130	170	210	240	350
Speed	rpm	1400	1400	1400	1400	1400
Noise	dB	55	62	68	75	88
Air Flow	L/S	2166	3250	3833	5033	6500



## INDUSTRIAL FLOOR FANS

IFF300A, IFF400U, IFF450U, IFF500U

3 YEAR  
WARRANTY

**FANMASTER**  
*Premium*

### Features:

- Premium air circulating floor fans
- Variety of sizes
- 3 speed
- Low wattage motors
- Carry handle for ease of portability
- Vertical adjustment

### Applications:

- Warehouse, Factories & Workshops
- Offices
- Shops
- Lunchrooms



SPECIFICATIONS	UNIT	IFF300A	IFF400U	IFF450U	IFF500U
Diameter	mm	300	400	450	500
Motor	W	50	100	110	150
Plug Connection		3 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A
Maximum Air Flow	L/S	638	1200	1400	1600
Weight	kg	3	7	8	10
STAGE 1					
Power	w	31	67	70	90
Speed	rpm	950	950	950	950
Noise	dB	55	58	63	65
Air Flow	L/S	450	800	950	1083
STAGE 2					
Power	w	35	80	90	115
Speed	rpm	1150	1150	1150	1150
Noise	dB	58	60	66	68
Air Flow	L/S	550	966	1150	1,300
STAGE 3					
Power	w	50	100	110	150
Speed	rpm	1400	1400	1400	1400
Noise	dB	60	62	69	71
Air Flow	L/S	638	1200	1400	1600

## COMMERCIAL FANS

ICF450P, ICF450W

3 YEAR  
WARRANTY

**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION

### Features:

- Commercial 450mm air circulating fan
- Quiet, stylish and effective
- 3 Speeds
- 90° & Fixed oscillation
- Vertically adjustable
- Pull cord switch for ease & safety (ICF450W)
- Height adjustable pedestal (ICF450P)

### Applications:

- Warehouse, Factories & Workshops
- Offices
- Shops
- Lunchrooms



SPECIFICATIONS	UNIT	ICF450P	ICF450W
Diameter	mm	450	450
Motor	W	130	130
Voltage		240	240
Maximum Air Flow	L/S	1910	1910
Current		0.54	0.54
Plug Connection		3 Pin 10A	3 Pin 10A
Fan Speed		3	3
Weight	kg	14	9
Type		Pedestal	Wall
STAGE 1			
Noise	dB	48	48
STAGE 2			
Noise	dB	50	50
STAGE 3			
Noise	dB	56	56

## INDUSTRIAL FANS

NFFL45, NFPD75, NFWL75

1 YEAR  
WARRANTY

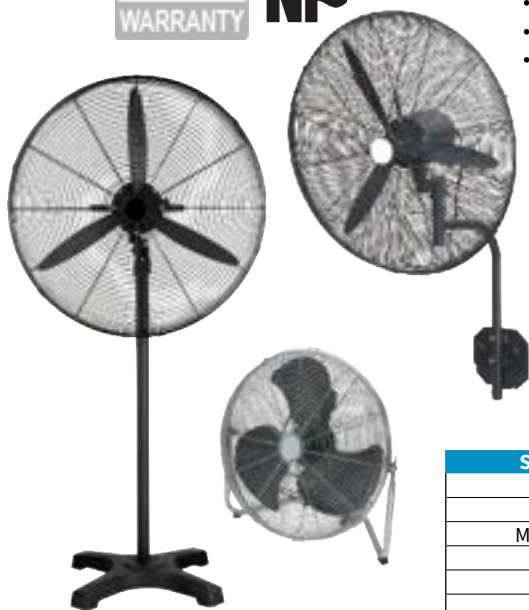
NF

### Features:

- 3-speeds and adjustable
- Oscillation (Wall & Pedestal only)
- Low wattage means cheaper running costs

### Applications:

- Warehouse, Workshops & Factories
- Garages
- Outdoor entertaining areas
- Shops
- Offices
- Lunchrooms



SPECIFICATIONS	UNIT	NFFL45	NFPD75	NFWL75
Diameter	mm	450	750	750
Type		Floor	Wall	Pedestal
Maximum Air Flow	L/S	2000	4800	4800
Noise	dBa			
Motor	kW	0.165	0.28	0.28
Voltage		240	240	240
Current	A			
Plug Connection		3 Pin 10A	3 Pin 10A	3 Pin 10A
Fan Speed		3	3	3
Pallet Dimensions	mm		1170D x 1170L x 1800H	1170D x 1170L x 1800H
Pallet Weight	kg		190	300
Packing Dimensions - per unit	mm	580 x 225 x 570	820D x 820L x 190H	820D x 820L x 190H
Weight - per unit	kg	6.5	15	23

## What is Air Circulation?

Air circulation is the movement of air in a room or building. It is important for maintaining good indoor air quality and comfort. Air circulation helps to:



- Remove stale air and pollutants from the air.
- Distribute heat or cool air evenly throughout the room.
- Prevent the buildup of moisture and mould.
- Create a more comfortable environment.



## HOW TO CHOOSE YOUR COOLER

# COOLING



M <sup>2</sup>	EVAPORATIVE	AIR CONDITIONER	MISTING FAN
SPOT COOLING	PAC125-ADC PAC280-A PACISD PACIMD	IAC-27 IAC-45 IAC-65 IPAC-47 IPAC-61 IPAC-94	IMF600
30	PAC125-ADC	-	-
40	-	IPAC-47	-
50	PAC280-A	IPAC-61	IMF600
100	-	IPAC-94	-
150	PACISD PACIMD	-	-

## HOW TO CHOOSE YOUR FAN

# AIR MOVEMENT




AIRFLOW L/S	FLOOR	PEDESTAL	WALL	MINI MANCOOLER	MANCOOLER
600				MC3-370-4	
683	IFF300A				
1140				MC3-550-2	
1200	IFF400U				
1250				MC4-370-4	
1400	IFF450U				
1600	IFF500U				
2000	NFFL45				
2120				MC4-750-2	
2167		IFP500	IFW500		
2600					MC5-750-4
3250		IFP600	IFW600		
3450					MC5-11-2
3667		IFP650	IFW650		
3900					MC6-750-4
4500					MC6-11-4
4800		NFPD75	NFWL75		
5033		IFP750	IFW750		
5250					MC6-15-4
6500		IFP850	IFW850		
6800					MC8-15-4
8820					MC8-22-4
17000					MC10-55-6-3

# HEATING



Types of Heating	33
What's the Difference Between Direct Fired vs Indirect Fired?	33
How To Choose Your Heater	33



PRODUCT	NAME	DESCRIPTION	PAGE
	<b>DIESEL RADIANT HEATERS</b>	Diesel radiant heaters. Sizes from 15KW to 40KW. Clean burning, ideal for areas with limited ventilation	<b>26</b>
	<b>ELECTRIC RADIANT HEATERS</b>	Electric radiant heaters. Sizes from 2KW to 4KW. Portable or wall mount options	<b>27-28</b>
	<b>GAS RADIANT HEATERS</b>	Electric radiant heaters. Sizes from 4KW to 50KW, Portable, wall or ceiling mount options	<b>29</b>
	<b>DIESEL SPACE HEATERS - DIRECT FIRED</b>	Diesel space heaters direct fired. Sizes from 20KW to 50KW. Use in open or well-ventilated areas	<b>30</b>
	<b>DIESEL SPACE HEATERS - INDIRECT FIRED</b>	Diesel space heaters indirect fired. Sizes from 20KW to 50KW. Ideal for areas with limited ventilation	<b>30</b>
	<b>ELECTRIC SPACE HEATERS</b>	Electric space heaters. Sizes from 2KW to 30KW. No fumes, ideal for personal heating	<b>31-32</b>
	<b>GAS SPACE HEATERS</b>	Gas space heaters direct fired. 20KW option. Use in open or well-ventilated areas	<b>32</b>

PRODUCT BY APPLICATION



HDR20  
HDR40



VAL6-DAYSTAR  
VAL6-KBE1S  
VAL6-EPX



CF2000



HIH200



SORRENTO



APOLLO

	CONSTRUCTION					
HEATING SITES	✓	✓				
HEATING WORKERS	✓	✓	✓			
DRYING	✓	✓				
	WAREHOUSES, FACTORIES, WORKSHOPS & GARAGES					
SPACE HEATING						
SPOT HEATING	✓	✓	✓	✓	✓	✓
	RESTAURANTS, RETAIL & OFFICES					
SPACE HEATING						
SPOT HEATING	✓	✓	✓	✓	✓	✓
	AGRICULTURE					
HEATING LIVE STOCK	✓	✓	✓			
HEATING GREENHOUSES						
	MARQUEE/TENTS - EVENTS, MILITARY					
OUTDOOR HEATING	✓	✓	✓			
TENT HEATING			✓			
	RENTAL & EMERGENCY BREAKDOWNS					
SPACE HEATING						
SPOT HEATLING	✓	✓	✓			

PRODUCT BY APPLICATION



GRH

GTU  
GTS

IDH3-20  
IDH3-30  
IDH3-50

IDH2-20IN  
IDH2-50IN

IGH2-20

IFH  
PESH  
HES

	CONSTRUCTION					
HEATING SITES			✓	✓	✓	✓
HEATING WORKERS	✓		✓	✓	✓	✓
DRYING				✓		✓
	WAREHOUSES, FACTORIES, WORKSHOPS & GARAGES					
SPACE HEATING			✓	✓	✓	✓
SPOT HEATING	✓	✓				
	RESTAURANTS, RETAIL & OFFICES					
SPACE HEATING				✓		
SPOT HEATING	✓	✓				
	AGRICULTURE					
HEATING LIVE STOCK		✓		✓	✓	✓
HEATING GREENHOUSES		✓	✓	✓	✓	
	MARQUEE/TENTS - EVENTS, MILITARY					
OUTDOOR HEATING	✓			✓		
TENT HEATING	✓			✓		✓
	RENTAL & EMERGENCY BREAKDOWNS					
SPACE HEATING			✓	✓	✓	✓
SPOT HEATING	✓					

# HEATING

## DIESEL RADIANT HEATERS

### HDR20, HDR40

2 YEAR  
WARRANTY

**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION

#### Features:

- Easy installation
- Functions on both diesel and kerosene
- Ceramic Fibre Combustion Chamber
- Adjustable temperature
- Fuel gauge
- Cut off protection
- Fuel cut off
- Time Delay
- Portable & easy to move

#### Applications:

- Warehouse, Workshops & Factories
- Outdoors
- Garages



WATCH ME



SPECIFICATIONS	UNIT	HDR20	HDR40
Heating Output	kW/BTU	20 / 68,240	40 / 136,480
Voltage		220-240V 50Hz	220-240V 50Hz
Plug Connection		3 Pin 10A	3 Pin 10A
Fuel Type		Diesel or Kerosene	Diesel or Kerosene
Tank Capacity	L	10.5	38
Fuel Consumption	L/H	1.7	3.8
Net Weight	kg	18.3	27.2
Gross Weight	kg	21	31.7
Product Measurements	mm	575*340*635	925*635*860
Packing Measurement	mm	580*380*605	710*690*940

For industrial use only. Must be used in well ventilated areas.

## DIESEL RADIANT HEATERS

### VAL6-DAYSTAR, VAL6-KBE1S, VAL6-EPX

1 YEAR  
WARRANTY

**VAL6**

#### Features:

- Radiant heat like the sun
- Functions on both diesel and kerosene
- Heats outdoors effectively
- Heat transfer directly to objects
- Dust-free and clean
- Clean burning - odorless and smokeless
- Energy-efficient
- Portable and easy to move
- Safe and secure

#### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Construction sites
- Commercial Spaces
- Outdoor Events



SPECIFICATIONS	UNIT	VAL6-DAYSTAR	VAL6-KBE1S	VAL6-EPX
Heating Output	kW/BTU	15 / 13,000	32.5 / 28,000	40.7 / 35,000
Voltage		240	240	240
Plug Connection		3 Pin 10A	3 Pin 10A	3 Pin 10A
Fuel Type		Diesel or Kerosene	Diesel or Kerosene	Diesel or Kerosene
Tank Capacity	L	10	35	58
Fuel Consumption	L/H	1.5	2.67	3.19
Heat Settings		1	1	2
Weight	kg	18	38	50
Product Measurements	mm	576*310*593	732*655*825	1232*643*970

For industrial use only. Must be used in well ventilated areas.



## CARBON FIBRE RADIANT HEATERS

### CF2000

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



#### Features:

- Infrared Heater
- Portable or Wall Mount
- Multiple heat settings
- Remote control and 24 hour timer control
- Silent Operation
- Ultra-low Glare, gentle lighting
- Guaranteed durability for 10,000 hours
- Ideal heating solution for residential, business, and outdoor applications.

#### Applications:

- Offices
- Commercial - hotels, kitchens
- Warehouses, Workshops, Factories
- Rental/Hire Restaurants
- Patio, Gazebos, Backyards, Balconies



WATCH ME

SPECIFICATIONS	UNIT	CF2000
Power	W	2000
Voltage		220~240V / 50Hz
Plug Connection		3 Pin 10A
Element		Carbon Fibre Lamp
Heater Type		Electric Radiant/ Infrared
IP Rating		IP55
Install Type		Pedestal or Wall Mount
Heating Area	m <sup>2</sup>	12
Measurements	mm	900*170.4*50
Product Weight	kg	3.7
Master Carton Measurements	mm	990*370.5*160.5

## ELECTRIC INFRARED RADIANT HEATERS

### HIH2000

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



#### Features:

- Infrared Heat
- Remote Control + 24 Hour Timer Control
- IP65 Rated
- Heating Area 6-12m<sup>2</sup>
- Silent Operation
- Ultra-low Glare, Soft Light
- Overheating Protection
- Hanging/Mounting bracket included for installation
- Aluminum housing with 304 stainless steel mesh (rated IP65)

#### Applications:

- Patios, Gazebos, Backyards, Balconies, Decks, Verandahs
- Outdoor Dining Areas
- Hospitality
- Garages, Workshops

SPECIFICATIONS	UNIT	HIH2000
Power	W	2000
Voltage		220~240V / 50Hz
Plug Connection		3 Pin 10A
Element		Low Glare Amber Lamp
Heater Type		Electric Radiant/ Infrared
IP Rating		IP65
Install Type		Ceiling/Wall mount or Pedestal
Heating Area	m <sup>2</sup>	6-12
Measurements	mm	46*19*7.5cm (12cm depth including mounting plate)
Product Weight	kg	3.5
Power Cord Length	m	1.8

# HEATING

## ELECTRIC RADIANT HEATERS

### SORRENTO

1 YEAR  
WARRANTY



#### Features:

- Quartz Infrared Heater
- Aluminium Extrusion Body
- Available in 2kW, 4kW & 6kW
- Low Glare
- Durable in all weather conditions
- Easy Installation
- Suitable for indoor & outdoor use

#### Applications:

- Commercial Infrared Heating
- Warehouses, Factories, Workshops
- Hospitality
- Garages
- Terraces, Patios
- Sports Halls
- Zoo's
- Churches
- Conservatories

SPECIFICATIONS	UNIT	SORRENTO-SINGLE2	SORRENTO-DOUBLE4	SORRENTO-TRIPLE6
Power	kW	2	4	6
Voltage		230	230	230
Plug Connection		Hardwired	Hardwired	Hardwired
Lamps x Power		1 x 2	2 x 2	3 x 2
Heating Area	m <sup>2</sup>	11	25	36
IP Rating		IP55	IP55	IP55
Min height from floor	m	2.5	3.5	4.5
Min distance from ceiling	m	0.3	0.5	0.5
Min distance from side wall	m	1	1	1
Weight without guard	kg	3.4	5.6	8
Dimensions	mm	402*227*323	790*227*323	1178*227*323

## ELECTRIC RADIANT HEATERS

### APOLLO

1 YEAR  
WARRANTY



#### Features:

- Quartz Infrared Heater
- Aluminium Extrusion Body
- Available in 4kW & 6kW
- Low Glare
- Easy Installation
- Suitable for indoor or protected applications

#### Applications:

- Commercial Infrared Heating
- Warehouses, Factories, Workshops
- Hospitality
- Garages
- Terraces, Patios
- Sports Halls
- Shopping Centres
- Churches
- Aircraft Hangars
- Driving Ranges

SPECIFICATIONS	UNIT	APOLLO-DOUBLE4	APOLLO-TRIPLE6
Power	kW	4	6
Voltage		230	400
Plug Connection		Hardwired	Hardwired
Lamps x Power		2 x 1	3 x 2
Heating Area	m <sup>2</sup>	46.8	65.5
Min height from floor	m	2.5	3
Min distance from ceiling	m	0.15	0.5
Min distance from side wall	m	1	1.5
Weight without guard	kg	6	8
Dimensions	mm	857*255*110	1282*255*110

## GAS RADIANT HEATERS

### GRH, GRHP

1 YEAR  
WARRANTY

AIRA

#### Features:

- Wall mounted or portable units available
- Available in LPG or Natural Gas
- Excellent infrared outdoor heater
- Variety of sizes available for many different applications
- Portable models are available in LPG only (Supplied complete with trolley, hose & regulator. 45kg gas bottle not included)

#### Applications:

- Hospitality - Restaurants, Cafe's



WALL MOUNT - SPECIFICATIONS	UNIT	GRH16LP	GRH16NG	GRH24LP	GRH24NG	GRH48LP	GRH48NG
Heat Input	MJ/ kW	16 / 4.44		24 / 7.0		48 / 14	
Heating Area - Spot	m²	19		28		56	
Heating Area - Total	m²	25		37		74	
Gas Pressure - LPG	KPA	Min: 2.75 Max: 4	-	Min: 2.75 Max: 4	-	Min: 2.75 Max: 4	-
Gas Pressure - Natural Gas	KPA	-	Min: 0.98 Max: 4	-	Min: 0.98 Max: 4	-	Min: 0.98 Max: 4
Gas Connection		3/8" copper flare	1/2" copper flare	3/8" copper flare	1/2" copper flare	3/8" copper flare	1/2" copper flare
Approx. height from floor	m	2.5		2.7 - 3.4		3.9 - 4.9	
Ceiling Clearance	m	1.1					
Weight	kg	5.6					
Dimensions - Heater head	mm	(W)401x(D)180x(H)334		(W)499x(D)180x(H)334		(W)793x(D)180x(H)334	

PORTABLE SPECIFICATIONS	UNIT	GRHP16LP	GRHP24LP
Heat Input	MJ/kW	16 / 4.44	24 / 7.0
Heating Area - Spot	m <sup>2</sup>	19	28
Heating Area - Total	m <sup>2</sup>	25	37
Gas Pressure - LPG	KPA	Min: 2.75 Max: 4	
Gas Connection		3/8" copper flare	
Ceiling Clearance	m	1.1	
Portable Stand Adjustment	mm	1800 to 2300	

## GAS TUBE RADIANT HEATERS

### GTS, GTU

3 YEAR  
WARRANTY



RG  
ROBERTS GORDON

#### Features:

- Natural or LPG
- Aesthetically pleasing
- Minimal dust movement
- Minimal maintenance
- Quiet, comfortable, gentle & uniform heat
- Fuel efficient, quick heat recovery, low heating/ electric costs

#### Applications:

- Hospitality - Restaurants, Cafe's
- Livestock farms
- Manufacturing facilities
- Recreational facilities
- School halls
- Airport hangars
- Warehouse, workshops & factories
- Retail showrooms & outlets

PART NO.	TYPE	HEATING AREA M <sup>2</sup>	HEAT INPUT KW	HEAT INPUT MJ/H	FUEL TYPE	VOLTAGE	GAS CONSUMPTION M <sup>3</sup> /H	TUBE LENGTH M	OVERALL HEATER LENGTH M	MIN. INSTALL HEIGHT M	REC. INSTALL HEIGHT M
GTS-15-LPG	Straight/Linear	49	15	54	LPG	240	0.6	6	6.8	3.5	3.5
GTS-15-NG	Straight/Linear	49	15	54	Natural Gas	240	1.4	6	6.8	3.5	3.5
GTS-25-LPG	Straight/Linear	90	25	90	LPG	240	0.9	9	9.8	3.5	4
GTS-25-NG	Straight/Linear	90	25	90	Natural Gas	240	2.4	9	9.8	3.5	4
GTS-35-LPG	Straight/Linear	130	35	125	LPG	240	1.3	12	12.8	4.6	5
GTS-35-NG	Straight/Linear	130	35	125	Natural Gas	240	3.4	12	12.8	4.6	5
GTS-40-LPG	Straight/Linear	143	40	138	LPG	240	1.5	12	12.8	5	5.5
GTS-40-NG	Straight/Linear	143	40	138	Natural Gas	240	3.8	12	12.8	5	5.5
GTS-50-LPG	Straight/Linear	240	50	180	LPG	240	1.9	15	15.8	5	7.5
GTS-50-NG	Straight/Linear	240	50	180	Natural Gas	240	4.8	15	15.8	5	7.5
GTU-15-LPG	Straight/Linear	28	15	54	LPG	240	0.6	3	3.8	3.5	3.5
GTU-15-NG	Straight/Linear	28	15	54	Natural Gas	240	1.4	3	3.8	3.5	3.5
GTU-25-LPG	Straight/Linear	49.5	25	90	LPG	240	0.9	4.5	5.3	4	4.5
GTU-25-NG	Straight/Linear	49.5	25	90	Natural Gas	240	2.4	4.5	5.3	4	4.5
GTU-30-LPG	Straight/Linear	63	30	110	LPG	240	1.1	6	6.9	4.5	4.5
GTU-30-NG	Straight/Linear	63	30	110	Natural Gas	240	2.9	6	6.9	4.5	4.5
GTU-35-LPG	Straight/Linear	70	35	125	LPG	240	1.3	6	6.9	5	5
GTU-35-NG	Straight/Linear	70	35	125	Natural Gas	240	3.4	6	6.9	5	5
GTU-40-LPG	Straight/Linear	77	40	138	LPG	240	1.5	6	6.9	5	5.5
GTU-40-NG	Straight/Linear	77	40	138	Natural Gas	240	3.8	6	6.9	5	5.5
GTU-50-LPG	Straight/Linear	127.5	50	180	LPG	240	1.9	7.5	8.4	5	7.5
GTU-50-NG	Straight/Linear	127.5	50	180	Natural Gas	240	4.8	7.5	8.4	5	7.5
GTU-50-LPG-9	Straight/Linear	-	50	180	LPG	240	1.9	-	-	-	-
GTU-50-NG-9	Straight/Linear	-	50	180	Natural Gas	240	4.8	-	-	-	-
GTU-50-LPG-12	Straight/Linear	-	50	180	LPG	240	1.9	-	-	-	-
GTU-50-NG-12	Straight/Linear	-	50	180	Natural Gas	240	4.8	-	-	-	-

# HEATING

## DIESEL SPACE HEATERS - DIRECT FIRED

### IDH3-20, IDH3-30, IDH3-50

2 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



#### Features:

- Direct fired space heater designed to provide instant effective heat
- Functions on both diesel and kerosene
- Two fuel filters - tank inlet & suction filter
- Integrated fuel tank with fuel gauge
- Stainless steel combustion chamber
- Durable wheels and heavy duty handle for mobility

#### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Construction sites
- Events & military
- Rental & Emergency



WATCH ME

SPECIFICATIONS	UNIT	IDH3-20	IDH3-30	IDH3-50
Heating Output	kW/BTU	20 / 68,240	20 / 102,360	50 / 170,600
Heating Area	m <sup>2</sup>	up to 200	up to 300	up to 500
Voltage		220-240V 50Hz	220-240V 50Hz	220-240V 50Hz
Power	W		230	340
Plug Connection		3 Pin 10A	3 Pin 10A	3 Pin 10A
Air Flow	L/S	153	200	305
Fuel Type		Diesel or Kerosene	Diesel or Kerosene	Diesel or Kerosene
Tank Capacity	L	19	34	50
Fuel Consumption	L/H	1.65	2.4	4.0
Continuous Run Time	Hr	11	14	12.5
Pressure	Bar	0.32	0.31	0.45
Fan Speed		1	1	1
Heat Settings		1	1	1
Weight	kg	14.9 / 17	22 / 25	28 / 32
Cable Length		1.3	1.3	1.3
Fuel Cut Off Protection		Yes	Yes	Yes
Malfunction Detection Light		Built In	Built In	Built In
Product Measurements	mm	752*305*430	860*520*610	1010*555*610
Packing Measurement	mm	795*370*440	905*420*490	1045*465*510

For industrial use only. Must be used in well ventilated areas.

## DIESEL SPACE HEATERS - INDIRECT FIRED

### IDH2-20IN, IDH2-50IN

2 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



#### Features:

- Indirect Fired Diesel Heater
- Functions on both diesel and kerosene
- Flue System positioned on top of heater
- Portable on wheels
- Cut off protection; flame sensor; if no fuel, heater will cut out
- Stainless steel combustion chamber with fan cooling
- Ideal for areas with limited ventilation

#### Applications:

- Warehouses Workshops Factories
- Construction Sites
- Agriculture



WATCH ME

SPECIFICATIONS	UNIT	IDH2-20IN	IDH2-50IN
Heating Output	kW/BTU	20 / 68,240	50 / 170,600
Heating Area	m <sup>2</sup>	up to 200	up to 500
Heating Type		Indirect Fired	Indirect Fired
Voltage		240V 50Hz	240V 50Hz
Power	W	230	750
Plug Connection		3 Pin 10A	3 Pin 10A
Air Flow	L/S	166	555
Fuel Type		Diesel or Kerosene	Diesel or Kerosene
Tank Capacity	L	38	69
Fuel Consumption	L/H	1.9	4.7
Continuous Run Time	Hr	12.6	14.7
Pressure	Bar	0.38	10.5
Heat Settings		1	1
Weight	kg	22 / 24	59 / 65
Product Measurements	mm	840*450*695	1370*560*995

For industrial use only.

## ELECTRIC SPACE HEATER

### HES2.4

2 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



#### Features:

- Multiple heat settings
- Adjustable thermostat
- Ideal for personal heating
- Heavy duty carry handle
- Overheat & tilt switch protection
- Can be used as fan only

	UNIT	HES2.4
Heating Output	kW	2.4
Heating Area	m <sup>2</sup>	12
Voltage	V	240
Current	A	10
Motor	W	0.24
Plug Connection		3 Pin 10A
Air Flow	L/S	57
Fan Speed		1
Heat Settings		2

#### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Construction sites
- Events & military
- Rental & Emergency
- Drying
- Load bank testing
- Areas where the naked flame of a gas or diesel fired heaters cannot be used



WATCH ME

## INDUSTRIAL ELECTRIC FAN HEATERS

### IFH-2, IFH-3, IFH-5, IFH-9, IFH-15

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



#### Features:

- Multiple heat settings
- Adjustable thermostat up to 40°C
- Overheat protection
- Heavy duty carry handle
- Single phase 240v or 3 phase 415v
- Can be used as fan only

#### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Construction sites
- Events & military
- Rental & Emergency
- Drying
- Load bank testing
- Areas where the naked flame of a gas or diesel fired heaters cannot be used

SPECIFICATIONS	UNIT	IFH-2	IFH-3	IFH-5	IFH-9	IFH-15
Heating Output	kW	2	3	5	9	15
Heating Area	m <sup>2</sup>	10	15	25	45	75
Voltage	V	240	240	415	415	415
Current	A	8.3	12.5	6.94	12.52	20.82
Motor	W	0.40	0.40	0.55	0.55	0.55
Plug Connection		3 Pin 10A	3 Pin 10A	4 Pin 10A	4 PIN 20A	4 PIN 32A
Air Flow	L/S	33	142	142	222	472
Fan Speed		1	1	1	1	1
Heat Settings		2	2	3	2	3

## PORTABLE ELECTRIC SPACE HEATERS

### PESH9, PESH15, PESH30

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



#### Features:

- Multiple heat settings
- Safety cut-off switch
- Adjustable thermostat
- Run on fan timer
- Adjustable airflow direction
- Portable with wheels (PESH15/30)
- Portable with carry handle (PESH9)
- Can be used as fan only

#### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Drying
- Events
- Load bank testing
- Areas where the naked flame of a gas or diesel fired heaters cannot be used

SPECIFICATIONS	UNIT	PESH9	PESH15	PESH30
Heating Output	kW	9	15	30
Heating Area	m <sup>2</sup>	45	75	150
Voltage	V	415V / 50Hz	415V / 50Hz	415V / 50Hz
Current	A	12.52	20.82	41.74
Plug Connection		5 Pin 20A	5 Pin 32A	5 Pin 50A
Manual Reset		Yes	Yes	Yes
IP Rating		IP24	IP24	IP24
Airflow	L/S	132	261	400
Measurements	mm	393*395*563	514*541*869	652*617*1018
Weight	kg	10.7	20	30
Fan Speed		1	1	1
Heat Settings		2	2	2
Angle Adjustment		20°	20°	20°
Cable Length	m	1.8	3	3

## PORTABLE HEATER BLOWER

## PHB3-9, PHB3-15

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



### Features:

- Robustly built
- Heavy duty frame
- Powder coated rolled steel casing
- High quality & heavy duty finned tubular elements
- No naked flame
- Fitted with finger guards
- Vertical tilt adjustment
- Thermal cut-outs & run on timer for safety
- Mobile or wall mount options also available
- Made in Australia

### Applications:

- Warehouse, Workshops & Factories
- Construction sites
- Agriculture
- Drying
- Areas where the naked flame of a gas or diesel fired heaters cannot be used

SPECIFICATIONS	UNIT	PHB3-9	PHB3-15
Heating Output	kW/BTU	9 / 30,708	15 / 51,180
Heating Area	m <sup>2</sup>	45	75
Air Flow	L/S	630	630
Motor	kW	0.75	0.75
Voltage	V	240	415
Current	A	12.52	20.82
Plug Connection		5 Pin 20A	5 Pin 32A
Fan Speed		1	1
Heat Settings		1	1

\*This unit will not plug into a standard residential power outlet, if you are unsure please contact us before purchasing.

NOTE: We advise customers to use in-house electricians or a local contractor for variations.

## GAS SPACE HEATER (LPG)

## IGH2-20

2 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



### Features:

- Lightweight & portable LPG fan heater
- Easy installation
- Instantaneous heat
- Heats up to 200m<sup>2</sup>
- Comes with hose & regulator
- Stainless steel combustion chamber
- Safety features - over temperature, electrical & fuel cut offs

### Applications:

- Warehouses Workshops Factories
- Construction Sites
- Agriculture



WATCH ME

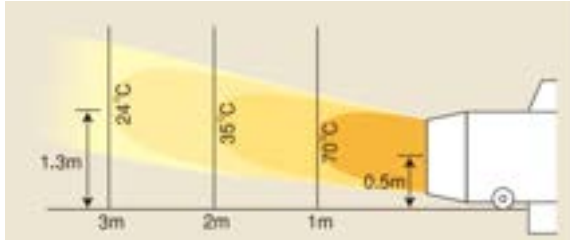
SPECIFICATIONS	UNIT	IGH2-20
Heating Output	kW/BTU	20 / 68,240
Heating Area	m <sup>2</sup>	up to 200
Air Flow	L/S	139
Gas Type		ULPG
Power Consumption	W	200
Voltage	V	220~240V / 50Hz
Current	A	0.80
Plug Connection		3 Pin 10A
Regulator Pressure Output	KPA	61
Fuel Consumption	kg/hr	1.42
Min. Gas Cylinder Size	kg	15
Min. Volume of Room	m <sup>3</sup>	360
Weight	kg	8.1/9
Product Dimensions	mm	
Packaging Dimensions	mm	590*345*370

For industrial use only. Must be used in well ventilated areas.



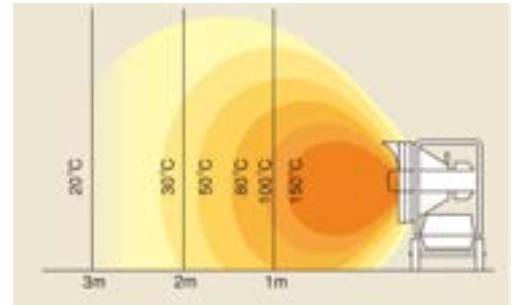
## Radiant Heating

A radiant heater is a type of heater that transfers heat directly to objects and people in the room, rather than heating the air first. This is done through the emission of infrared radiation, which is a form of heat energy that travels in waves.



## Space Heating

Space heating (air heating) is the process of heating a building or other enclosed space to a comfortable temperature. We have a range of electric or fuel based space heaters which some require to be used in well-ventilated areas.



## What is the difference between direct fired & indirect fired heaters?

The main difference between direct fired and indirect fired heaters is how the heat is transferred to the air. In a direct fired heater, the flame is directly exposed to the air, which is then heated and circulated. In an indirect fired heater, the flame is enclosed in a combustion chamber which has a flue system positioned on the top to exhaust the fumes.

Direct fired heaters are ideal in areas with very good ventilation and are ideal for open areas. The indirect fired heaters can be used in enclosed areas providing the flue system is appropriately ducted out.

## How To Choose Your Heater

### RADIANT HEATING

KW	ELECTRIC	LPG	NATURAL GAS	DIESEL	INSTALL TYPE
2	CF2000 HIH200 SORRENTO-SINGLE2				PORTABLE OR WALL PORTABLE OR WALL WALL OR CEILING
4	SORRENTO-DOUBLE4 APOLLO-DOUBLE4				WALL OR CEILING WALL OR CEILING
4.44		GRH16LP GRHP16LP	GRHP16NG		PORTABLE WALL
6	SORRENTO-TRIPLE6 APOLLO-TRIPLE6				WALL OR CEILING WALL OR CEILING
7		GRH24LP GRHP24LP			WALL PORTABLE
14		GRH48LP GRHP48LP	GRH48NG		WALL PORTABLE
15				VAL6-DAYSTAR	PORTABLE
20				HDR20	PORTABLE
25					
32.5					
35					
40				HDR40	PORTABLE
40.7				VAL6-EPX	PORTABLE
50					

### SPACE HEATING

KW	ELECTRIC	LPG	DIESEL DIRECT FIRED	DIESEL INDIRECT FIRED	AREA M <sup>2</sup>
2	IFH-2				5
2.4	HES2.4				12
3	IFH-3				15
5	IFH-5				25
9	IFH-9 PESH9 PHB3-9				45
15	IFH-15 PESH15 PHB3-15				75
20		IGH2-20	IDH3-20	IDH2-20IN	200
30	PESH30		IDH3-30		150 / 300
50			IDH3-50	IDH2-50IN	500

1 kW = 860 kcal/h  
1 kW = 3.97 Btu/h  
1 kW = 3412 Btu/h

Btu (British Thermal Unit) = measures heat energy  
KW (Kilowatt) = measures power (energy per unit time)

# VENTILATION/EXTRACTION



What is the Difference Between Ventilation vs. Extraction?	39
What is Cross Flow Ventilation?	43
Confined Space Ventilation	43
What is Fume Extraction?	47
What is an Air Scrubber Purifier?	47



PRODUCT	NAME	DESCRIPTION	PAGE
	<b>WALL EXHAUST EXTRACTION FANS</b>	Wall Exhaust Fans. Sizes from 200mm to 1000mm. Single & three phase	<b>38-40</b>
	<b>AXIAL FLOW FANS</b>	Axial Flow Fans. Sizes from 300mm to 1000mm. Single & three phase	<b>41</b>
	<b>ROOF FANS</b>	Hooded Roof Fans. Sizes from 400mm to 800mm	<b>42</b>
	<b>PORTABLE VENTILATORS/ EXHAUST BLOWERS/ PURGING FANS</b>	Portable Ventilators & Exhaust Blowers. Sizes 150mm to 450mm. Single & three phase	<b>43-45</b>
	<b>AIR SCRUBBER PURIFIER</b>	Air Scrubber Purifiers	<b>46</b>
	<b>PORTABLE FUME COLLECTORS/ EXTRACTORS</b>	Portable Fume Collectors/ Extractors	<b>47</b>

PRODUCT BY APPLICATION



IWEL  
IWLF  
IWL  
IGLF



AF



IHR4  
IHR6  
IHR8



MPV300  
CAB  
TAB



PF3  
PF4

	CONSTRUCTION				
GENERAL VENTILATION				✓	✓
EXTRACT FROM THE SOURCE				✓	✓
CONFINED SPACES				✓	✓
PORTABLE VENTILATION				✓	✓
AIR FILTRATION					
	WAREHOUSES, FACTORIES, WORKSHOPS & GARAGES				
GENERAL VENTILATION	✓	✓	✓	✓	✓
EXTRACT FROM THE SOURCE				✓	✓
EXTRACT DUST, FUMES, HOT AIR	✓	✓	✓	✓	✓
PORTABLE VENTILATION				✓	✓
AIR FILTRATION					
	AGRICULTURE				
VENTILATION LIVESTOCK	✓	✓	✓	✓	✓
VENTILATION GREENHOUSES	✓	✓	✓	✓	✓

# PRODUCT BY APPLICATION



PE160  
PE250



ASP-500-M2  
ASP-500-M3



IPFC-075  
IPFC-15  
IPFC-30

	CONSTRUCTION		
GENERAL VENTILATION			
EXTRACT FROM THE SOURCE	✓		✓
CONFINED SPACES	✓		
PORTABLE VENTILATION	✓		
AIR FILTRATION		✓	✓
	WAREHOUSES, FACTORIES, WORKSHOPS & GARAGES		
GENERAL VENTILATION			
EXTRACT FROM THE SOURCE	✓		✓
EXTRACT DUST, FUMES, HOT AIR		✓	✓
PORTABLE VENTILATION	✓		
AIR FILTRATION		✓	✓
	AGRICULTURE		
VENTILATION LIVESTOCK	✓	✓	
VENTILATION GREENHOUSES	✓	✓	

# VENTILATION/EXTRACTION

## WALL EXHAUST EXTRACTION FANS

## IWEL200, IWEL250, IWEL300, IWEL350, IWEL400

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



### Features:

- Extracts large volumes of air
- Easy to install
- Cost effective and efficient
- Self closing louvres stop reverse airflow
- Ready to be hard-wired in.
- Plug not included
- 240V

### Applications:

- Warehouse, Workshops & Factories
- Garages
- Agriculture
- Horticulture

SPECIFICATIONS	UNIT	IWEL200	IWEL250	IWEL300	IWEL350	IWEL400
Air Flow	L/S	250	280	300	630	800
Noise Level	dBa	<45	<50	<58	<65	<67
Motor	W	45	45	45	75	145
Voltage		240	240	240	240	240
Current	A	0.12	0.12	0.19	0.31	0.60
Plug Connection		Hardwired	Hardwired	Hardwired	Hardwired	Hardwired
Fan Speed		1	1	1	1	1
Speed	RPM	1400	1400	1400	1400	1400
Diameter	mm	200	250	300	350	400

## WALL EXHAUST EXTRACTION FANS

## IWLF6-11-6, IWLF6-11-6-3

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



### Features:

- Galvanised Steel Body
- Rain Cover
- Internal Gravity Louvres
- Safety Wire Guards
- Supply or Exhaust
- Used to exhaust heat, smoke, fumes, dust or provide ventilation

### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Horticulture

SPECIFICATIONS	UNIT	IWLF6-11-6	IWLF6-11-6-3
Air Flow	L/S	5000	5000
Noise Level	dBa	<70	<70
Motor	kW	1.1	1.1
Voltage		240	415
Current	A	5	2.6
Plug Connection		Hardwired	Hardwired
Fan Speed		1	1
Speed	RPM	6P	6P
Insulation Class		F	F
IP Rating		IP44	IP44
Material of Blades		Nylon & Glass Fibre	Nylon & Glass Fibre
Material of Body		Galvanised Steel	Galvanised Steel
Material of Louvres		PVC	PVC
Measurements	mm	830(L)x430(D)x770(H)	830(L)x430(D)x770(H)
Weight	kg	38	38



## WALL EXHAUST EXTRACTION FANS

## IGLF950, IGLF1250

**1 YEAR  
WARRANTY**



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



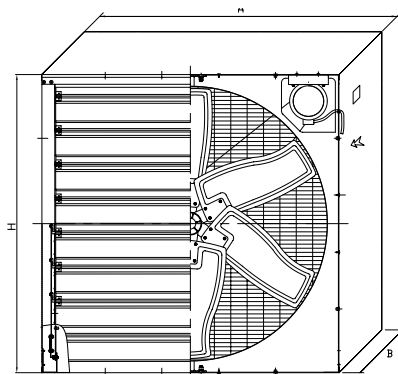
### Features:

- Built to last
- Extracts large volumes of air
- Easy to install
- Belt driven motor
- Quiet operation
- Louvres stop reverse air flow and weather when not on

### Applications:

- Warehouse, Workshops & Factories
- Agriculture

SPECIFICATIONS	UNIT	IGLF950	IGLF1250
Air Flow	L/S	9000	12,500
Noise Level	dBa	<60	<65
Motor	W	750	1100
Voltage		415	415
Current	A	1.04	1.53
Plug Connection		Hardwired	Hardwired
Fan Speed		1	1
Speed	RPM	450	450
Weight	kg	55	85
Diameter	mm	950	1250
Pack Dimensions	mm	1060*400*1060	1380*400*1380



Dimension AxBxH (mm)
1060x400x1060
1380x400x1380

## What is the Difference Between Extraction and Ventilation?

Extraction and ventilation are both terms used to describe the movement of air in a building. However, they have different meanings.

Extraction is the process of removing stale or polluted air from a building. This is typically done using fans or vents that are installed in specific areas, such as warehouses and bathrooms.

Ventilation is the process of introducing fresh air into a building. This can be done through natural means, such as open windows and doors, or through mechanical means, such as fans or vents.

In general, extraction is used to remove harmful pollutants from the air, while ventilation is used to introduce fresh air and improve the overall quality of the air.

# VENTILATION/EXTRACTION

## INDUSTRIAL WALL EXHAUST FANS

IW3, IW4, IW5, IW6, IW8, IW10

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



### Features:

- Designed to exhaust or supply air
- Fitted with finger guards
- Powder coated steel casing
- IP55 motor standard (IP65 available)
- Fixed louvres available
- Made in Australia
- Suited for environments to remove heat, steam and dust
- Exe & Exd motors are available on sizes starting from 400mm

### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Construction sites
- Events & military
- Rental & Emergency

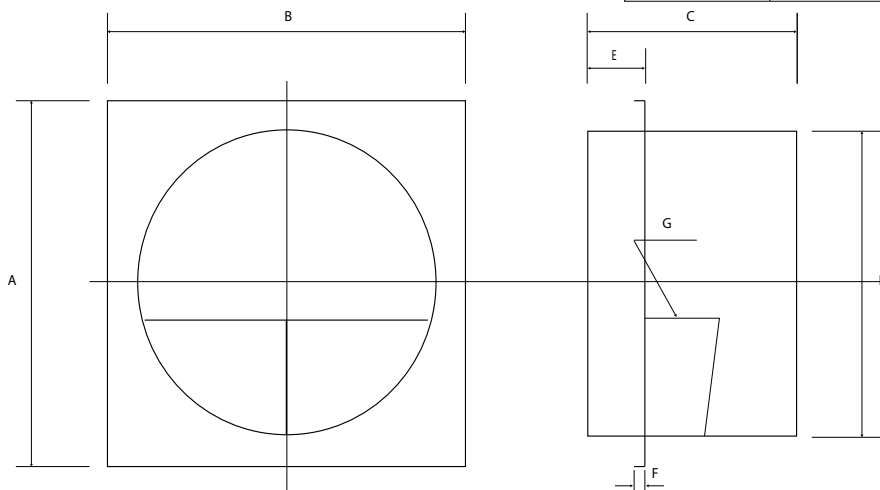
PART #	DIAMETER	MOTOR	VOLTAGE	MOTOR	FAN SPEED	POLES	AIR FLOW
IW3-370-4	300mm	370W	240V	IP55	1	4	425 L/s
IW3-370-4-3	300mm	370W	415V	IP55	1	4	425 L/s
IW4-370-4	400mm	370W	240V	IP55	1	4	1000 L/s
IW4-370-4-3	400mm	370W	415V	IP55	1	4	1000 L/s
IW4-550-2	400mm	550W	240V	IP55	1	2	
IW4-550-2-3	400mm	550W	415V	IP55	1	2	
IW5-550-4	500mm	550W	240V	IP55	1	4	2550 L/s
IW5-550-4-3	500mm	550W	415V	IP55	1	4	2550 L/s
IW5-550-4-3E	500mm	550W	415V		1	4	2550 L/s
IW6-750-4	600mm	750W	240V	IP55	1	4	2950 L/s
IW6-750-4-3	600mm	750W	415V	IP55	1	4	2950 L/s
IW6-750-4-3E	600mm	750W	415V		1	4	2950 L/s
IW6-11-4	600mm	1100W	240V	IP55	1	4	4200 L/s
IW6-11-4-3	600mm	1100W	415V	IP55	1	4	4200 L/s
IW6-11-4-3E	600mm	1100W	415V		1	4	4200 L/s
IW6-15-4	600mm	1500W	240V	IP55	1	4	
IW6-15-4-3	600mm	1500W	415V	IP55	1	4	
IW6-15-4-3E	600mm	1500W	415V		1	4	
IW8-15-4	800mm	1500W	240V	IP55	1	4	6570 L/s
IW8-15-4-3	800mm	1500W	415V	IP55	1	4	6570 L/s
IW8-15-4-3E	800mm	1500W	415V		1	4	6570 L/s
IW10-22-8-3	1000mm	2200W	415V	IP55	1	8	12400L/s

## INDUSTRIAL WALL & MANCOOLER GUARDS

PART #	SIZE
IWG300	300mm
IWG400	400mm
IWG500	500mm
IWG600	600mm
IWG800	800mm
IWG1000	1000mm
IWG1200	1200mm

## NON-RETURN LOUVRES

PART #	SIZE
IWL400	400 x 400mm
IWL500	500 x 500mm
IWL600	600x 600mm
IWL800	800 x 800mm
IWL1000	1000 x 1000mm



DRUM Ø	BLADE Ø	A	B	C*	D	E	F	G*
300	280	400	400	400	300	100	25	-
400	380	500	500	400	400	100	25	-
500	480	600	600	400	500	100	25	-
600	580	700	700	400	600	100	25	-
800	780	900	900	400	800	100	25	-
1000	980	1100	1100	650	1000	100	25	-

\*C - Can vary due to the size of the motor

\*G - Motor plate varies due to motor size



## AXIAL FLOW FANS

## AF3, AF4, AF5, AF6, AF8, AF10

**1 YEAR  
WARRANTY**



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



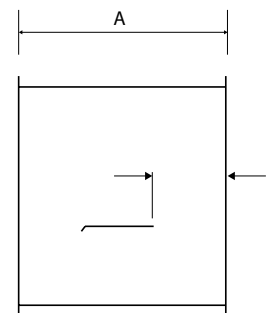
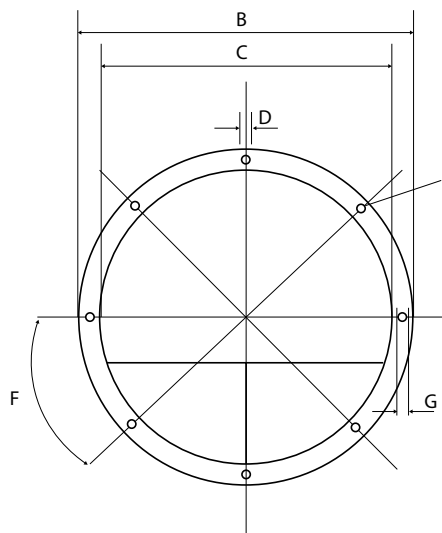
### Features:

- Designed to remove heat, steam and dust
- Inline axial fan
- Built in flanges designed to attach to ducting
- Powder coated rolled steel casing
- IP55 motor standard (IP65 available)
- Made in Australia
- Ex e & Ex d motors are available on sizes starting from 400mm
- Hardwired

### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Horticulture
- Paint shops

SPECIFICATIONS	DIAMETER	MOTOR	VOLTAGE	IP RATING	FAN SPEED	POLE	AIRFLOW
AF3-370-4	300mm	370W	240V	IP55	1	4	680 L/s
AF3-370-4-3	300mm	370W	415V	IP55	1	4	680 L/s
AF3-550-2	300mm	550W	240V	IP55	1	2	
AF3-550-2-3	300mm	550W	415V	IP55	1	2	
AF4-370-4	400mm	370W	240V	IP55	1	4	1500 L/s
AF4-370-4-3	400mm	370W	415V	IP55	1	4	1500 L/s
AF4-370-4-3E	400mm	370W	415V		1	4	1500 L/s
AF4-750-2	400mm	750W	240V	IP55	1	2	
AF4-750-2-3	400mm	750W	415V	IP55	1	2	
AF4-750-2-3E	400mm	750W	415V		1	2	
AF5-750-4	500mm	750W	240V	IP55	1	4	2700 L/s
AF5-750-4-3	500mm	750W	415V	IP55	1	4	2700 L/s
AF5-750-4-3E	500mm	750W	415V		1	2	2700 L/s
AF5-11-2	500mm	1100W	240V	IP55	1	2	
AF5-11-2-3	500mm	1100W	415V	IP55	1	2	
AF5-11-2-3E	500mm	1100W	415V		1	2	
AF6-11-4	600mm	1100W	240V	IP55	1	4	3800 L/s
AF6-11-4-3	600mm	1100W	415V	IP55	1	4	3800 L/s
AF6-11-4-3E	600mm	1100W	415V		1	4	3800 L/s
AF6-15-4	600mm	1500W	240V	IP55	1	4	4550 L/s
AF6-15-4-3	600mm	1500W	415V	IP55	1	4	4550 L/s
AF6-15-4-3E	600mm	1500W	415V		1	4	4550 L/s
AF8-15-4	800mm	1500W	240V	IP55	1	4	6000 L/s
AF8-15-4-3	800mm	1500W	415V	IP55	1	4	6000 L/s
AF8-15-4-3E	800mm	1500W	415V		1	4	6000 L/s
AF8-22-4	800mm	2200W	240V	IP55	1	4	8000 L/s
AF8-22-4-3	800mm	2200W	415V	IP55	1	4	8000 L/s
AF8-22-4-3E	800mm	2200W	415V		1	4	8000 L/s
AF10-55-6-3	1000mm	5500W	415V	IP55	1	6	12000 L/s



DRUM Ø	BLADE Ø	A	B	C	D Ø	E	F	G
300	290	400	360	300	8	8		25
400	380	400	500	400	8	8		25
500	480	500	600	500	11	8		25
600	580	500	700	600	11	8		25
800	780	500	900	800	11	12		25
1000	980	700	1100	1000	11	12	274	25

# VENTILATION/EXTRACTION

## ROOF FANS

## IHR4, IHR6, IHR8

1 YEAR  
WARRANTY

**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



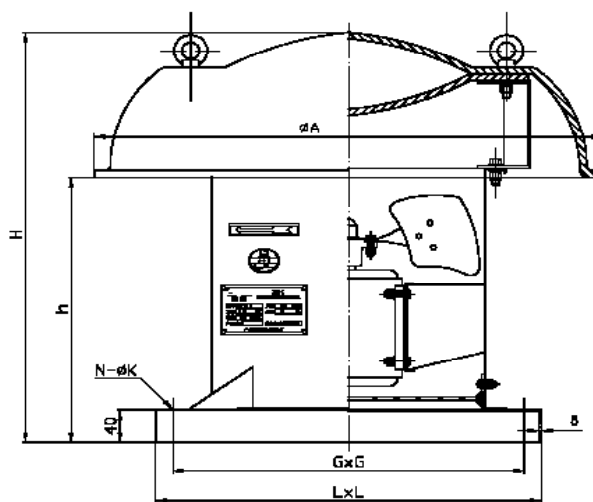
### Features:

- Extracts heat, smoke, dust, or fumes from all types of buildings including factories and warehouses
- Used in conjunction with coolers to help lower temperatures during the hotter months
- Constructed from high quality steel and aluminium for a weatherproof design

### Applications:

- Warehouse, Workshops & Factories
- Plants

SPECIFICATIONS	UNIT	IHR4-550-4-3	IHR6-11-6-3	IHR6-22-4-3	IHR8-22-6-3
Air Flow	L/S	1111	3600	5200	7778
Noise Level	dBa	$\leq 72 \pm 5\text{dB(A)}$	$\leq 71 \pm 5\text{dB(A)}$	$\leq 75 \pm 5\text{dB(A)}$	$\leq 78 \pm 5\text{dB(A)}$
Motor	W	550	1100	2200	2200
Voltage	V	400~415	400~415	400~415	400~415
Pole		4	4	4	4
Plug Connection		Hardwired	Hardwired	Hardwired	Hardwired
Material Cap		Aluminium	Aluminium	Aluminium	Aluminium
Body/Base		Steel	Steel	Steel	Steel
Weight	kg	26	105	110	125

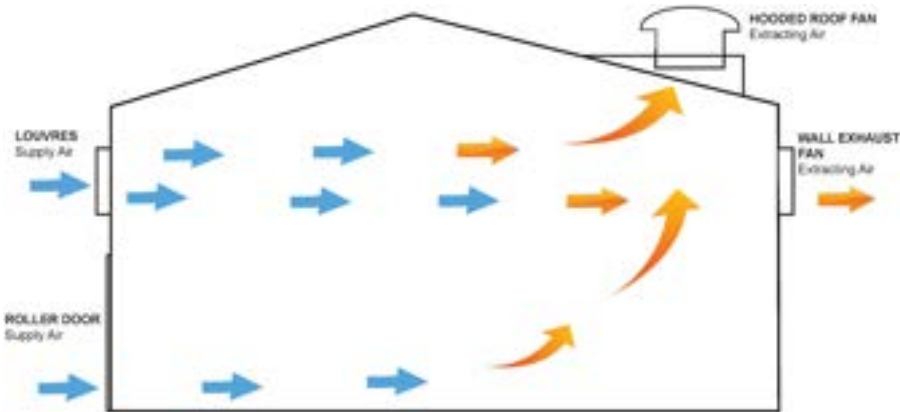


PART #	ØA	H	h	LxL	GxG	N-ØK	δ
IHR4-550-4-3	Ø650	550	355	520X520	470X470	4-Ø10	3
IHR6-11-6-3	Ø1000	670	455	900X900	770X770	4-Ø14	3
IHR8-22-6-3	Ø1390	750	480	1100X1100	1000X1000	4-Ø14	5



## What is Cross Flow Ventilation?

Cross flow ventilation is a natural ventilation strategy that uses the wind to move air through a building. It involves opening windows or doors on opposite sides of the building so that the air can blow through the space. This creates a current of air that helps to remove stale air and replace it with fresh air. A mechanical solution for this would be to add fans for a consistent air flow e.g. Roof Fans or Wall Exhaust Fans.



## Confined Space Ventilation

Confined space ventilation is the process of removing stale air, hazardous gases, vapours, fumes and dusts from a confined space to create a safe atmosphere for workers to enter and work.

When extracting air from a confined space, clean air needs to come from somewhere. If no clean air is available to enter the confined space through a large drain or vent (natural ventilation), it is necessary to consider blowing fresh air in. Using fans (mechanical ventilation) by supplying fresh air into an area we still need to find clean air from somewhere and it may be as simple as placing the fan at some distance away or outside a building and ducting the air in.

Products such as the Compact Air Blaster, Purging Fan and Portable Exhaust Blowers are ideal for confined space ventilation.

### PORTABLE VENTILATORS

### MPV300



Features:

- Hi Visibility Orange Colour
- Safety Grills/guards on front and back
- Circular Steel Casing
- Non-slip Rubber Feet
- Heavy Duty Carrying Handle
- Adaptable to Flexible Ducting

Applications:

- Warehouse, Workshops & Factories
- Rental & Emergency
- Confined spaces



SPECIFICATIONS	UNIT	MPV300
Air Flow	L/S	1083
Noise Level	dBa	<83
Motor	W	520
Voltage	V	240
Current	A	2.1
Plug Connection		3 Pin 10A
Fan Speed		1
Weight	kg	11
Diameter	mm	300



WATCH ME

# VENTILATION/EXTRACTION

## PORTABLE VENTILATORS

### CAB200, CAB300, CAB450

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



#### Features:

- Blows and extracts high volumes of air
- Flexible ducting to suit is also available
- High powered
- Robust design and built
- Portable and compact

#### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Construction sites
- Events & military
- Rental & Emergency

SPECIFICATIONS	UNIT	CAB200	CAB300	CAB450
Air Flow	L/S	416	1000	2083
Noise Level	dBa		<80	<96
Motor	W	150	500	1700
Voltage	V	240	240	240
Current	A	2.08		7.08
Plug Connection		3 Pin 10A	3 Pin 10A	3 Pin 10A
Fan Speed		1	1	1
Weight	kg	8.8	14	29
Diameter	mm	200	300	450

## PORTABLE VENTILATORS

### TAB200, TAB300

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION



#### Features:

- High quality & compact design
- Tough high density polyethylene
- UV stabilised resin casing
- Multi-purpose blower
- Can be stacked on top of each other for use or storage

#### Applications:

- Dust and fume extraction
- Confined spaces

SPECIFICATIONS	UNIT	TAB200	TAB300
Air Flow	L/S	377	898
Noise Level	dBa	<65	<65
Motor	W	150	750
Voltage	V	240	240
Current	A	0.63	3.13
Plug Connection		3 Pin 10A	3 Pin 10A
Fan Speed		1	1
Weight	kg	8.8	15
Diameter	mm	200	300
Pack Dimensions	mm	340*270*390	459*385*520



## PURGING FANS

### PF3, PF4

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION

#### Features:

- Robustly built
- Can be used for both exhaust or supply air
- Remove large volumes of fumes or toxic air
- Powder coated rolled steel casing
- Fitted with finger guards
- Comes with pick up hood and handle
- Comes complete with 5 metres of heavy duty duct
- IP55 motor standard (IP65 available)
- Exe & Exd motors only available for PF4
- Made in Australia

#### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Construction sites
- Events & military
- Rental & Emergency
- Confined spaces



	UNIT	PF3-11-2	PF3-11-2-3	PF4-15-2	PF4-22-2-3	PF4-22-2-3E
Air Flow	L/S	1200	1200	2200	2500	2500
Noise Level	dBa	<78	<78	<78	<78	<78
Motor	W	550	550	1500	2200	2200
Voltage	V	240	415	240	415	415
Current	A					
Plug Connection		3 Pin 10A	4 Pin 10A	3 Pin 10A	3 Pin 10A	3 Pin 10A
Fan Speed		1	1	1	1	1
Weight	kg					
Diameter	mm	300	300	400	400	400
Pack Dimensions	mm					
Motor Protection	IP	IP55	IP55	IP55	IP55	Ex e II T3 IP55
Ducting		300mm*5m	300mm*5m	400mm*5m	400mm*5m	400mm*5m

## PORTABLE EXHAUST BLOWERS

### PE160, PE250

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION

#### Features:

- Robustly built
- Can be used for both exhaust or supply air
- Heavy duty frame with handle
- Powder coated steel casing
- Fitted with finger guards
- Comes with pick up hood and handle
- Comes complete with 5 metres of heavy duty duct
- Centrifugal fan
- IP55 motor standard (IP65 available)
- Exe & Exd motors available
- Made in Australia

#### Applications:

- Warehouse, Workshops & Factories
- Agriculture
- Construction sites
- Events & military
- Rental & Emergency



SPECIFICATIONS	UNIT	PE160-2	PE-160-2-3	PE160-2-3E	PE250-2	PE250-2-3	PE250-2-3E
Air Flow	L/S	440	440	440	1310	1310	1310
Noise Level	dBa	<78	<78	<78	<78	<78	<78
Motor	W	750	750	750	1500	1500	1500
Voltage	V	240	415	415	240	415	415
Current	A	3.13		1.04	6.25	2.08	1.5
Plug Connection		3 Pin 10A	4 Pin 10A	4 Pin 10A	3 Pin 10A	4 Pin 10A	4 Pin 10A
Fan Speed		1	1	1	1	1	1

# VENTILATION/EXTRACTION

## AIR SCRUBBER PURIFIER

### ASP-500-M2

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION

#### Features:

- 2 Stage filtration (Pre-Filter & H13 HEPA Filter)
- UV-C Sterilisation Light
- Variable speed
- Hour Timer
- Cord wrap
- Carry handles & protective corners

#### Applications:

- Construction sites
- Offices
- Commercial - hotels, kitchens
- Warehouses, Workshops, Factories
- Rental/Hire



WATCH ME



SPECIFICATIONS	UNIT	ASP-500-M2
Air Flow	L/S CFM	241 511
Noise Level	dBa	78
Motor	W	210
Voltage		230
Current	A	0.87
Plug Connection		3 Pin 10A
Speeds		Variable
Filtered Area	m <sup>2</sup>	40
Filters		1st Stage: G4 Pleated Disposable Cardboard Filter 2nd Stage: H13 HEPA Filter UV-C Light Sterilisation
Weight	kg	15.5
Dimensions	mm	438*328*412
Pack Dimensions	mm	505*390*465

## AIR SCRUBBER PURIFIER

### ASP-500-M3

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION

#### Features:

- 3 Stage filtration (Pre-Filter, Activated Carbon & H13 HEPA Filter)
- UV-C Sterilisation Light
- Variable speed
- Hour Timer
- Cord wrap
- Carry handle

#### Applications:

- Construction sites
- Offices
- Commercial - hotels, kitchens
- Warehouses, Workshops, Factories
- Rental/Hire



WATCH ME



SPECIFICATIONS	UNIT	ASP-500-M3
Air Flow	L/S CFM	238 500
Noise Level	dBa	65
Motor	W	180
Voltage		230
Current	A	0.80
Plug Connection		3 Pin 15A
Speeds		Variable
Filtered Area	m <sup>2</sup>	up to 100
Filters		1st Stage: G4 Pleated Disposable Cardboard Filter 2nd Stage: G4 Activated Carbon Filter 3rd Stage: H13 HEPA Filter UV-C Light Sterilisation
Weight	kg	16.5 / 18.5
Dimensions	mm	620*410*645
Pack Dimensions	mm	635*415*670



## PORTABLE FUME EXTRACTORS

## IPFC-075, IPFC-15, IPFC-30

2 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION

### Features:

- Suitable for purifying fume and dust that is generated in all kinds of welding, grinding and other areas
- HEPA's filtration efficiency can capture 99.8% of particles 0.3 microns or larger
- Comes in 2m & 3m flexible suction arms that can be rotated 360°
- Made of high temperature resistant, flame retardant and wearable composite material
- Includes two directional and two rotary polyurethane casters with braking device for easy moving and stationing
- An air compressor can be connected to assist with the manual cleaning process

### Applications:

- Welding
- Grinding
- Metalwork



WATCH ME



WATCH ME



WATCH ME

SPECIFICATIONS	UNIT	IPFC-075	IPFC-15	IPFC-30
Air Flow	L/S CFM	556	833	1111
Noise Level	dBa	<75	<75	<75
Motor	W	750	1.5	3.0
Voltage		240	415	415
Current	A	3.13	6.25	12.50
Plug Connection		3 Pin 10A	4 Pin 10A	4 Pin 20A
Filtering Area	m <sup>2</sup>	8	10	20
Max Pressure	Pa	1900	2800	2800
Compressed Air	MPa	0.5 ~ 0.6	0.5 ~ 0.6	0.5 ~ 0.6
Filter Type		HEPA	HEPA	HEPA
Filter QTY		1	1	2
Filtration Efficiency		> 99.8%	> 99.8%	> 99.8%
Filtering Material		Nanofibre	PTFE Membrane	PTFE Membrane
Fume Arm	m / mm	2 / 160	3 / 160	3 / 160
Dimensions	mm	510*610*900	700*800*1600	800*800*1633
Packaging	mm	620*740*1220	1000*820*1820	1000*1110*1900
Weight	kg	98 + 5	210 + 5	266 + 10

## What is Fume Extraction?

Fume extraction is the process of removing harmful fumes and particulates from the air in a workspace. It is used in a variety of industries, including welding, painting, woodworking, and manufacturing.

Fume extractors typically consist of a fan, a filter, and a ductwork system. The fan pulls the fumes and particulates into the filter, where they are trapped. The filtered air is then released back into the workspace.




Portable Fume Extractors - are a portable solution and are ideal for extracting the fumes direct from the source.

Installed/Stationary Fume Extractors - are permanently installed in a workspace and are ideal for general extraction of the area and are designed to extract larger volumes of air.

## What is an Air Scrubber Purifier?

An Air Scrubber Purifier is an equipment that is designed to remove the particles from the air and surrounding surfaces and odours. It draws in the contaminated air into the air inlet which passes through a filtration process and is sterilised with a UV-C light, the clean air is expelled back out via the air outlet.

# DRYING / SANITISING

PRODUCT	NAME	DESCRIPTION	PAGE
	DEHUMIDIFIERS	Industrial Dehumidifiers	50
	CARPET DRYER	Heavy Duty Carpet Dryer	50
	ULV FOGGER SANITISER	Fogger Sanitiser Sprayer	51
What is a ULV Fogger Sanitiser?			51
How Does a ULV Fogger Work?			51
How do Dehumidifiers Work?			52
What is a Carpet Dryer?			52
What are the Benefits of Using a Carpet Dryer?			52



## PRODUCT BY APPLICATION



IPD-120  
IPD-180



ICD-520



ULVFOG-45

	CONSTRUCTION		
DRYING	✓	✓	
HUMIDITY CONTROL	✓		
MOISTURE REMOVAL	✓		
SANITISING			✓
	RESTORATION/REMEDIAL WORKS		
DRYING	✓	✓	
HUMIDITY CONTROL	✓		
MOULD CONTROL	✓		
WATER DAMAGE	✓	✓	
	COMMERCIAL		
CARPET/RUG DRYING	✓	✓	
HUMIDITY CONTROL	✓		
SANITISING			✓

# DRYING

## DEHUMIDIFIERS

### IPD-120, IPD-180

1 YEAR  
WARRANTY

**ICEN**

#### Features:

- Digital controller
- Timer function
- Built-in high capacity automatic drainage pump
- Portable on wheels
- Self-diagnostic function
- Automatic restart

#### Applications:

- Agriculture
- Commercial - hotels, kitchens
- Warehouses
- Workshops
- Factories



SPECIFICATIONS	UNIT	IPD-120	IPD-180
Capacity		120L/Day 5L/Hr	120L/Day 5L/Hr
Airflow	L/s	30°C RH80%	30°C RH80%
Voltage		230V / 50 hZ	230V / 50 hZ
Power Consumption	kW	1	1.9
Current	A	4.42	8.5
Plug Connection		3 Pin 10A	3 Pin 10A
Refrigerant		R-410A	R-410A
Weight	kg	64	88
Measurement	mm	551*607*839	515*660*1025

## CARPET DRYER

### ICD-520

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION

#### Features:

- Robust construction
- 3 speed settings
- 3 directional positions
- Lightweight with carry handle
- 5m long cable with cord wrap

#### Applications:

- Drying carpet & floors
- Janitorial needs
- Air moving
- Inflatables



SPECIFICATIONS	UNIT	ICD-520
Fan Diameter	mm	411*237
Fan Type		Centrifugal
Power	W	520
Voltage		220~240V / 50 Hz
Plug Connection		3 Pin 10A
Current	A	2.0 / 2.8 / 3.2
Speed	RPM	1200 / 1300 / 1400
Insulation Class		F
Safety Cut-off Switch		Yes
Manual Reset		Yes
Material		High Density Polypropylene
IP Rating		IP22
Airflow	L/S	583 / 639 / 694
Noise Level	dBa	62 / 70 / 75
Measurement	mm	460*420*465
Weight	kg	13.5
Settings		3 Speed
Cable Length	m	5

# SANITISING

## ULV FOGGER SANITISER

## ULVFOG-45

1 YEAR  
WARRANTY



**FANMASTER**  
COOLING HEATING VENTILATION EXTRACTION

### Features:

- Adjustable Atomisation
- Effective range up to 10m
- Light weight ergonomic design
- Compact & Powerful
- Handles both oil & water based chemical solutions
- Ultra low volume

### Applications:

- Disinfecting areas (Cleaning)
- Agriculture/Horticulture
- Pest Control
- Hospitality/Hotels



SPECIFICATIONS	UNIT	ULVFOG-45
Power	W	1400
Voltage		240V / 50Hz
Plug Connection		3 Pin 10A
Atomisation	ml/min	260 (adjustable)
Tank	L	4.5
Particle Size	µm	10-150 (adjustable)
Effective Range	m	5 - 10
Chemical Solution		Oil or Water Based
Noise Level	dBa	75.8
Weight	kg	3.5
Measurement	mm	430*270*390

## What is a ULV Fogger Sanitiser?

The Fanmaster ULV Fogger Sanitiser is a machine that uses ultra low volume (ULV) fog to disinfect and sanitise surfaces. It is a portable and powerful machine that can be used in a variety of settings, including homes, businesses, and hospitals.

## How does a ULV Fogger Work?

An ULV fogger is a machine that uses a high-pressure pump to atomise a liquid disinfectant into a fine mist. The mist is so fine that it is invisible to the naked eye. The mist can then penetrate deep into cracks and crevices, where it can kill bacteria and viruses that are difficult to reach with other methods.

The ULV fogger is a safe and effective way to disinfect and sanitise surfaces. It is non-toxic and can be used around people and pets. It is also a relatively inexpensive way to disinfect large areas.

Here are the steps on how an ULV fogger works:

- The disinfectant solution is added to the tank of the fogger.
- The high-pressure pump atomises the disinfectant solution into a fine mist.
- The mist is then released into the air.
- The mist can penetrate deep into cracks and crevices, where it can kill bacteria and viruses.

# SANITISING

## How do Dehumidifiers Work?

A refrigerative dehumidifier works by drawing air into the unit, passing it over a cold coil, and then releasing the dry air back into the room. The cold coil cools the air, causing the moisture in the air to condense and collect on the coil. The condensed moisture is then drained into a reservoir. The amount of moisture that a dehumidifier can remove depends on its size and capacity.

Reduces humidity, which can help prevent mold and mildew growth.  
Improves air quality by removing dust, pollen, and other allergens.



## What is a Carpet Dryer?



A carpet dryer is a machine that uses air to dry carpets. It is typically used after a carpet has been cleaned, to help it dry faster and prevent mould and mildew growth. Carpet dryers can be used in remediation and restoration projects to help dry carpets that have been wet by flooding, water damage, or other accidents.

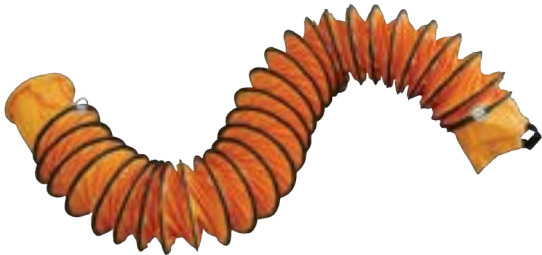


Carpet dryers are typically used in conjunction with other drying methods, such as dehumidifiers and air movers. This helps to ensure that the carpet is dried evenly and thoroughly.



## What are the Benefits of Using a Carpet Dryer?

- Dries carpets quickly and efficiently.
- Prevents mold and mildew growth.
- It can help to preserve the carpet.
- It can be used in conjunction with other drying methods.

# ACCESSORIES/ SPARE PARTS

PRODUCT	DESCRIPTION	PAGE
	DUCTING/ JOINING RINGS	54
	HEAT SHIELDING MAT	55
	FUME COLLECTOR FILTERS	55
	SPARE PARTS LIST	56

# ACCESSORIES/SPARE PARTS

## FLEXIBLE DUCTING

### IFD



This high quality ducting is specifically made and designed for portable ventilators. The ducting is comprised of fire retardant materials and designed for the most rugged environments and circumstances. The ducting concertinas for easy compact storage and is available in 5m lengths. Joining kits are also available in order to extend ducting.

SPECIFICATIONS	IFD200	IFD300	IFD450
Diameter (mm)	200	300	450
Length (m)	5	5	5

## CLEAR PU FLEXIBLE DUCTING

### PVCC



The Fanmaster PVCC152 is a high quality Polyurethane (PU) ducting made in Germany. It is a light and extremely flexible hose with good tensile and abrasion strengths and ultimate elongation. Free of softeners, halogen and cadmium free, ECO friendly. The wall is made of abrasion resistant Ester Polyurethane (microbes and hydrolysis resistant). The wall thickness between the spirals is ca 0.4mm copper plated spring steel spiral embedded into the wall. The Fanmaster PVCC range is a universal ducting/hose for woodworking, plastic and chemical industry for transportation of light solids and for air and gas transportation. Sold in 5 or 10m lengths.

SPECIFICATIONS	PVCC152	PVCC203	PVCC305	PVCC400
I.D. Ø (mm)	152	203	305	400
O.D. Ø (mm)	157	209	-	-
Wall Thickness (mm)	0.4	0.4	0.4	0.4
r (mind.) (mm)	152	305	305	400
Weight ca (kg/m)	0.675	0.946	-	-
Vacuum (mbar)	75	50	-	-
Pressure (bar)	0.25	0.15	-	-
Temperature Range	-40°C to +90°C			
Length (m)	5 or 10			

## CLAMP & JOIN RING KIT 203MM

### IJK



Used for linking pieces of duct, the IJK ranges are fabricated onsite in our workshop to specification.

SPECIFICATIONS	IJK203	IJK305	IJK400	IJK450
Suited For	PVCC203 / IFD200	PVCC305 / IFD300	PVC400	IFD450
Diameter	203mm	305mm	400mm	450mm



## HEAT SHIELDING MAT

## SP-VAL6-HSM



Heat Shielding Mat to suit VAL6 range and HDR. Designed to be positioned on the floor in front of the heater to protect the floor and prevent fire or damage to combustible floor surfaces. Made from Glass cloth and aluminum film. 1200x1200x4mm



## FILTERS - FUME EXTRACTORS

## FILTERS TO SUIT IPFC



Nanofibre Filter SP-IPFC-JS00 (Suits IPFC-075)  
PTFE Membrane SP-IPFC-KS01 (Suits IPFC-15 & IPFC-30)

# ACCESSORIES/SPARE PARTS

## SPARE PARTS

PART #	DESCRIPTION
SP-IDH3-FN1	FUEL NOZZLE TO SUIT IDH3-20
SP-IDH3-FN2	FUEL NOZZLE TO SUIT IDH3-30
SP-IDH3-FN3	FUEL NOZZLE TO SUIT IDH3-50
SP-IDH3-FF1	FUEL FILTER WITH O RING TO SUIT IDH3-20
SP-IDH3-FF2	FUEL FILTER WITH O RING TO SUIT IDH3-30 & IDH3-50
SP-IDH3-FFT	FUEL FILTER INLET TANK TO SUIT ALL IDH3
SP-IDH3-FL	FUEL LINE TO SUIT ALL IDH3
SP-IDH3-FB1	FAN BLADE TO SUIT IDH3-20
SP-IDH3-FB2	FAN BLADE TO SUIT IDH3-30 & IDH3-50
SP-IDH3-FM1	FAN MOTOR TO SUIT IDH3-20 & IDH3-30
SP-IDH3-FM2	FAN MOTOR TO SUIT IDH3-50
SP-IDH3-PC1	PHOTOCELL TO SUIT IDH3-20 & IDH3-30
SP-IDH3-PC2	PHOTOCELL TO SUIT IDH3-50
SP-IDH3-CB1	CIRCUIT BOARD (pcb Board) TO SUIT IDH3-20 & IDH3-30
SP-IDH3-CB2	CIRCUIT BOARD (pcb Board) TO SUIT IDH3-50
SP-IDH3-TR1	THERMOSTAT RESET BUTTON TO SUIT IDH3-20 & IDH3-30
SP-IDH3-TR2	THERMOSTAT RESET BUTTON TO SUIT IDH3-50
SP-IDH3-IGN	IGNITION NEEDLES TO SUIT ALL IDH3
SP-IDH3-IGT	IGNITION TRANSFORMER TO SUIT ALL IDH3
SP-IDH3-PUMP1	PUMP ASSEMBLY INC PUMP CORE BODY TO SUIT IDH3-20 + IDH3-30
SP-IDH3-PUMP2	PUMP ASSEMBLY INC PUMP CORE BODY TO SUIT IDH3-50
SP-IDH3-PUMPC1	PUMP CORE BODY + BLADES TO SUIT IDH3-20 + IDH3-30
SP-IDH3-PUMPC2	PUMP CORE BODY + BLADES TO SUIT IDH3-50
SP-IDH3-PF	PUMP FILTER TO SUIT ALL IDH3
SP-HDR20-FN	FUEL NOZZLE TO SUIT HDR20
SP-HDR40-FN	FUEL NOZZLE TO SUIT HDR40
SP-HDR-FP	FUEL PUMP TO SUIT HDR20 + HDR40
SP-HDR20-FF	FUEL FILTER TO SUIT HDR20
SP-HDR40-FF	FUEL FILTER WITH BOWL TO SUIT HDR40
SP-HDR20-CB	CIRCUIT BOARD TO SUIT HDR20 (PCB)
SP-HDR40-CB	CIRCUIT BOARD TO SUIT HDR40 (PCB)
SP-HDR-FFT	FUEL FILTER TANK TO SUIT HDR20 & HDR40
SP-HDR20-PC	PHOTOCELL TO SUIT HDR20
SP-HDR40-PC	PHOTOCELL TO SUIT HDR40
SP-HDR-IGN	IGNITION NEEDLES TO SUIT ALL HDR
SP-IFH-SWITCH	ON/OFF SWITCH TO SUIT IFH2/3
SP-IFH-SWITCH-2	ON/OFF SWITCH TO SUIT IFH5/9
SP-IFH-SWITCH-3	ON/OFF SWITCH TO SUIT IFH15
SP-IFH-OT	OVERTEMP CUTOUT SUIT IFH2/3
SP-IFH-OT-2	OVERTEMP CUTOUT SUIT IFH5/9/15
SP-IFH2-AT	ADJUST THERMOSTAT TO SUIT IFH2
SP-IFH3-AT	ADJUST THERMOSTAT TO SUIT IFH3
SP-IFH5-AT	ADJUST THERMOSTAT TO SUIT IFH5
SP-IFH9-AT	ADJUST THERMOSTAT TO SUIT IFH9
SP-IFH15-AT	ADJUST THERMOSTAT TO SUIT IFH15
SP-IFH2-ELEMENT	ELEMENT TO SUIT IFH2
SP-IFH3-ELEMENT	ELEMENT TO SUIT IFH3
SP-IFH5-ELEMENT	ELEMENT TO SUIT IFH5
SP-IFH9-ELEMENT	ELEMENT TO SUIT IFH9
SP-IFH15-ELEMENT	ELEMENT TO SUIT IFH15
SP-PESH9-AT	THERMOSTAT ADJUSTABLE TO SUIT PESH9
SP-PESH15-AT	THERMOSTAT ADJUSTABLE TO SUIT PESH15
SP-PESH30-AT	THERMOSTAT ADJUSTABLE TO SUIT PESH30
SP-PESH9-SW	SWITCH SELECTOR TO SUIT PESH9
SP-PESH15-SW	SWITCH SELECTOR TO SUIT PESH15
SP-PESH30-SW	SWITCH SELECTOR TO SUIT PESH30
SP-PESH-OT	THERMOSTAT OVERTEMP CUTOUT TO SUIT ALL PESH
SP-PESH30-OT2	THERMOSTAT (2ND) PESH30
SP-PESH9-ATK	THERMOSTAT ADJUSTABLE KNOB TO SUIT PESH9
SP-PESH15-ATK	THERMOSTAT ADJUSTABLE KNOB TO SUIT PESH15
SP-PESH30-ATK	THERMOSTAT ADJUSTABLE KNOB TO SUIT PESH30
SP-PESH9-SWK	SWITCH SELECTOR KNOB TO SUIT PESH9
SP-PESH15-SWK	SWITCH SELECTOR KNOB TO SUIT PESH15
SP-PESH30-SWK	SWITCH SELECTOR KNOB TO SUIT PESH30
SP-PESH9-ELEMENT	ELEMENT TO SUIT PESH9
SP-PESH15-ELEMENT	ELEMENT TO SUIT PESH15
SP-PESH30-ELEMENT	ELEMENT TO SUIT PESH30
SP-VAL6-DAYSTAR-FN	FUEL NOZZLE TO SUIT DAYSTAR (0.4G/80'H)
SP-VAL6-KBE1S-FN	FUEL NOZZLE TO SUIT KBE1S (0.85G/60'H)
SP-VAL6-EPX-FN	FUEL NOZZLE TO SUIT EPX
SP-VAL6-DAYSTAR-FF	FUEL FILTER TO SUIT DAYSTAR
SP-VAL6-KBE1S-FF	FUEL FILTER TO SUIT KBE1S
SP-VAL6-EPX-FF	FUEL FILTER TO SUIT EPX

PART #	DESCRIPTION
SP-VAL6-DAYSTAR-FP	FUEL PUMP TO SUIT DAYSTAR
SP-VAL6-KBE1S-FP	FUEL PUMP TO SUIT KBE1S
SP-VAL6-EPX-FP	FUEL PUMP TO SUIT EPX1
SP-VAL6-HSM	HEAT SHIELDING MAT
SP-KBE1S-RD	RADIATION DISK TO SUIT KBE1S
SP-DAYSTAR-RD	RADIATION DISK TO SUIT DAYSTAR
SP-EPX-RD	RADIATION DISK TO SUIT EPX
SP-DAYSTAR-CB2	CIRCUIT BOARD TO SUIT DAYSTAR (FROM 2012 D-01)
SP-DAYSTAR-CB1	CIRCUIT BOARD TO SUIT DAYSTAR (2005 TO 2011 N-01 TO E-01)
SP-KBE1S-CB	CIRCUIT BOARD TO SUIT KBE1S
SP-EPX-CB	CIRCUIT BOARD TO SUIT EPX
SP-DAYSTAR-CC	COMBUSTION CHAMBER PACKAGING TO SUIT DAYSTAR
SP-DAYSTAR-TOS	TIP OVER SWITCH TO SUIT DAYSTAR
SP-DAYSTAR-BC	BURNER CONTROL TO SUIT DAYSTAR
SP-KBE1S-BC	BURNER CONTROL TO SUIT KBE1S
SP-KBE1S-CI	CONICAL INSULATOR TO SUIT KBE1S
SP-KBE1S-AV	AIR VENT VALVE TO SUIT KBE1S
SP-KBE1S-RL	RETURN LINE TO SUIT KBE1S
SP-KBE1S-RLN	RETURN LINE NIPPLE TO SUIT KBE1S
SP-KBE1S-SC	SHORT CIRCUIT CORD TO SUIT KBE1S
SP-KBE1S-COVER	BURNER COVER TO SUIT KBE1S
SP-KBE1S-RS	REPAIR SET TO SUIT KBE1S
SP-KBE1S-FUSE	FUSE TO SUIT KBE1S
SP-KBE1S-TC	TANK CAP TO SUIT KBE1S
SP-KBE1S-DP	DRAIN PACKING TO SUIT KBE1S
SP-KBE1S-DB	DRAIN BOLT TO SUIT KBE1S
SP-KBE1S-KB	KNOB BOLT TO SUIT KBE1S
SP-KBE1S-GASKET	GASKET TO SUIT KBE1S
SP-KBE1S-ST	STEPPDOWN TRANSFORMER TO SUIT KBE1S
SP-DAYSTAR-FM	FLAME MONITOR WITH HOLDER TO SUIT DAYSTAR
SP-DAYSTAR-TCP	THERMOSTAT CONNECTOR WITH PIN TO SUIT DAYSTAR
SP-IGH2-TC	THERMO COUPLE TO SUIT IGH2-20
SP-IGH2-GCV	SAFETY GAS CONTROL VALVE TO SUIT IGH2-20
SP-IGH2-HR	HOSE + REGULATOR TO SUIT IGH2-20
SP-PERH-ELEMENT	ELEMENT TO SUIT PER2400
SP-ICH-ELEMENT	ELEMENT SUIT QUARTZ RADIANT
SP-IPAC-47-CB	CIRCUIT BOARD TO SUIT IPAC-47
SP-IPAC-47-CF	COND FILTER TO SUIT IPAC-47
SP-IPAC-47-EF	EVAP FILTER TO SUIT IPAC-47
SP-IPAC-61-CB	CIRCUIT BOARD TO SUIT IPAC-61
SP-IPAC-61-CF	COND FILTER TO SUIT IPAC-61
SP-IPAC-61-EF	EVAP FILTER TO SUIT IPAC-61
SP-IPAC-94-CB	CIRCUIT BOARD TO SUIT IPAC-94
SP-IPAC-CONPUMP	CONDENSATION PUMP TO SUIT ALL IPACS
SP-IPAC-AAA	AMBIENT AIR ADAPTOR TO SUIT IPAC-47 & IPAC-61 (CONDENSER PLENUM)
SP-IPAC-94-AAA	AMBIENT AIR ADAPTOR TO SUIT IPAC-94 (CONDENSER PLENUM)
SP-IPAC-WT	WATER TO SUIT IPAC
SP-IPFC-JS00	FILTER TO SUIT IPFC-075 NANOFIBER
SP-IPFC-KS01	FILTER TO SUIT IPFC-15 & IPFC-30 MEMBRANE PTFE
SP-ASP180-HF	HEPA FILTER TO SUIT ASP-180
SP-ASP180-PF	PRE FILTER TO SUIT THE ASP-180
SP-NF-M	MOTOR TO SUIT NFPD/NFWL750
SP-MF650-M	MOTOR TO SUIT MFP/MFW650
SP-MF750-M	MOTOR TO SUIT MFP/MFW750
SP-PAC-WP1	WATER PUMP TO SUIT PAC125-ADC
SP-PAC280-WP	WATER PUMP TO SUIT PAC280-A (303C)
SP-PACI-WP	WATER PUMP TO SUIT PACIMD/ISD (0B-505)
SP-IDDAC-WP	WATER PUMP TO SUIT IDDAC-670
SP-PAC-WF	WATER FLOAT TO SUIT ALL PACS
SP-IDDAC-WF	WATER FLOAT TO SUIT IDDAC-670
SP-PAC-CP1	COOLING PAD LGE TO SUIT PAC125-ADC
SP-PAC-CP2	COOLING PAD LGE TO SUIT PAC280-A
SP-PAC-CP3	COOLING PAD LGE TO SUIT PACIMD/ISD/IDDAC
SP-PAC-CP51	COOLING PAD SIDE TO SUIT PAC125-ADC
SP-PAC-CP52	COOLING PAD SIDE TO SUIT PAC280-A
SP-PAC-DIF1	DROP IN FILTER TO SUIT PAC125-ADC
SP-PAC-DIF2	DROP IN FILTER TO SUIT PAC280-A/IMD/ISD/IDDAC
SP-PAC280-SDF	SIDE DROP IN FILTERS TO SUIT PAC280-A
SP-PAC-FB1	FAN BLADE TO SUIT PAC125-ADC
SP-PAC-FB2	FAN BLADE TO SUIT PAC280-A
SP-PAC-FB3	FAN BLADE TO SUIT PACIMD/ISD/IDDAC-670
SP-PAC-C1	CONTROL PANEL TO SUIT PAC125-ADC
SP-PAC-C2	CONTROL PANEL TO SUIT PAC280-A








## We're here to help

We're always happy to help our customers, and we're committed to providing you with the best possible experience. If you're interested in learning more about our products or services, or if you're ready to make a purchase, please contact our sales team at **[sales@fanmaster.com.au](mailto:sales@fanmaster.com.au)** or **1300 900 345**.

We're proud to offer a wide range of products and services that meet the needs of our customers. Visit our website, **[www.fanmaster.com.au](http://www.fanmaster.com.au)** to learn more.

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# TERMS & CONDITIONS OF SALE

## 1 Interpretation

In these conditions, unless the contrary intention appears:

Contract means any contract or agreement whatsoever made by Fanmaster to supply any goods or services to the customer, whether resulting from the acceptance by Fanmaster of an order given by the customer or otherwise;

Contract price means the total of the prices specified for the Supply by Fanmaster to the customer;

Fanmaster 1/6-8 Yalgar Road Kirrawee NSW 2232;

Customer means the customer of Fanmaster who buys goods or to whom Fanmaster supplies any services;

Goods means any or all of the products the subject of Supply by Fanmaster to a customer;

GST in relation to a Supply, has the same meaning as in the A New Tax System (Goods and Services Tax) Act 1999 (Cth);

Order means any offer to purchase the goods from Fanmaster made by a customer;

Price means, in relation to any goods, the price of those goods; services means any or all of the services (if any) the subject of Supply by Fanmaster to a customer;

Supply means the supply of any goods, services or other things the subject of any contract; and Tax means sales tax, GST, value added tax, retail tax or any other tax or duty that may be imposed on or in relation to any Supply made by Fanmaster.

## 2 Conditions

These conditions:

(a) will form part of any contract and constitute a complete and exclusive statement of the agreements between Fanmaster and the customer with respect to their subject matter (despite any conditions to a contrary effect which may be expressed in any of the customer's order forms or other documents);

(b) will apply to any Supply by Fanmaster, whether in accordance with any order, contract, or otherwise; and

(c) may be varied only by writing signed by an authorised officer of Fanmaster.

## 3 Terms of Payment

Time for payment of the price for any Supply is of the essence in any contract. If Fanmaster:

(a) accepts an order, and Fanmaster has not agreed in writing to extend credit to the customer, the customer must pay the contract price to Fanmaster in

full on delivery of the goods or services; or

(b) has agreed in writing to extend credit to the customer, the customer must pay the contract price to Fanmaster in full prior to the end of the month following

the date of the invoice sent by Fanmaster in relation to that Supply.

## 4 Delivery and Costs

Fanmaster may, but is not obliged to, deliver the goods to the customer's premises, in accordance with Fanmaster usual practices, but if:

(a) the customer requests another method of delivery; or

(b) Fanmaster elects to use an independent courier to deliver the goods,

Fanmaster may arrange another form of transport with that independent courier by a separate contract, and the customer must pay to

Fanmaster on demand any costs of that courier incurred by Fanmaster.

## 5 Title and Property

The title to and property in the goods will not pass from Fanmaster to the customer until the customer has paid the contract price in full (other than the costs of any independent courier referred to in clause 4) to Fanmaster in accordance with these conditions. Until then, the customer holds the goods in a fiduciary relationship with Fanmaster as bailee only, must keep the goods separate from other items it holds and must not resell or transfer possession of the goods. If the customer:

(a) fails to pay the contract price in full when due;

(b) pays for the goods by cheque (in whole or in part) and that cheque is not met on presentation;

(c) commits any act of bankruptcy, becomes bankrupt, or is insolvent under administration, as defined in section 9 of the Corporations Act;

(d) is or becomes insolvent within the meaning as given by any of section 9 and subsection 95A (2) of the Corporations Act or regulation 7.5.02 of the

Corporations Regulations; or

(e) has a controller appointed, as defined in section 9 of the Corporations Act, in respect of any of the customer's property;

Fanmaster may:

(1) enter onto the premises where the goods are situated; and

(2) repossess the goods, notwithstanding that the goods may have been affixed to any structure by Fanmaster or the customer, and if necessary for that purpose, may sever the goods from any structure to which they may have been affixed.

If Fanmaster repossesses the goods, it reserves the right to resell them.

The customer must also indemnify and keep Fanmaster indemnified against, and pay to Fanmaster, all expenses, losses and damages incurred or sustained by Fanmaster as a result of, or in relation, to Fanmaster exercising its rights under:

(a) this clause;

(b) under any other term, express or implied, of these conditions; or

(c) otherwise at law or in equity,

and any bank or other costs, charges or expenses incurred by Fanmaster resulting from any customer's cheque not being met on presentation.

## 6 Returns policy

Subject to the requirements of any law, Fanmaster:

(a) may consider, but is not obliged to allow, goods to be returned for credit, if:

(1) the goods are returned in good and resalable condition, in the original packaging;

(2) the customer first pays all freight and other charges to deliver the goods to Fanmaster premises and Fanmaster will not accept any goods sent, or pay

for, "freight forward"; and

(3) the customer first supplies to Fanmaster the original invoice number and date of supply.

(b) may in its sole discretion, allow the following credits for goods returned:

(1) for goods returned within 30 days of invoice – invoice value less 15%;

(2) for manufactured goods returned within 30 days of invoice – invoice value less 30% at Fanmaster's discretion; and

(3) for goods returned after 60 days – no credit (unless Fanmaster agrees otherwise, in its sole discretion).

(c) will not allow credits for:

(1) any goods:

- specifically adjusted, altered or reconfigured;

- specially made, treated or purchased for the customer;

- damaged or altered in any way by the customer; or

- being non-stock lines; or

(2) any freight and delivery fees.



If Fanmaster accepts any goods returned for credit:

- (a) Fanmaster may issue a credit note after it has inspected the goods and found them satisfactory, in its sole discretion; and
- (b) if Fanmaster decides not to issue a credit note, Fanmaster will:
  - (1) so inform the customer; and
  - (2) make the goods made available at Fanmaster premises for the customer to collect.

#### 7 Shortages

The customer must report all shortages of goods from the quantities described in the invoice within 24 hours of delivery of the goods otherwise the customer may not make any claim against Fanmaster for any such shortages.

#### 8 Consequential Loss

The customer's sole remedy for any defective goods or services will be the repair or replacement of the defective goods or for the re-supply of the defective services.

Fanmaster liability for any breach of any warranty or of any term, express or implied, of any contract in relation to any Supply, will not extend in any circumstances to loss of profits, or other economic loss, or to loss arising from negligence or any other tort, in any case, whether direct, indirect, special, consequential or otherwise.

#### 9 Risk and Insurance

Notwithstanding clauses 4 and 5, the goods will be at the customer's risk after they leave Fanmaster premises. If the customer requests it in writing, Fanmaster may, at the customer's expense, insure the goods.

#### 10 Taxes

Unless as otherwise expressly agreed by, or shown on an invoice issued by, Fanmaster, the prices specified do not include Taxes. The customer will be liable for all such Taxes and in the case of GST or any other amount payable by the customer on account of Taxes, the customer will reimburse Fanmaster, on demand, the full amount of such Taxes.

#### 11 Limitation of Liability

Except as otherwise expressly provided in these conditions, and subject to the succeeding paragraphs, Fanmaster excludes all statements, representations, warranties, conditions, promises, undertakings, covenants and other provisions, express or implied (and whether implied by law (including Act of Parliament) or otherwise), relating to the order, the goods or services (whether as to their quality, fitness for any purpose, correspondence with any description or sample or otherwise), or their delivery being provisions that might otherwise form part of these conditions, or any contract, or be collateral

to or form part of any agreement that is collateral to these conditions, or any contract.

Subject to the next paragraph, Fanmaster will not be liable to compensate or indemnify the customer for any loss or damage suffered or incurred by the customer in relation to the order, the goods, or the services, or their delivery, mis-delivery or non-delivery (including but not limited to any loss of profits or other economic loss or to loss arising from negligence or any other tort, in any case, whether direct, indirect, consequential or otherwise).

These conditions do not, and no provision of these conditions purports to exclude, restrict or modify or have the effect of excluding, restricting or modifying:

- (a) the application in relation to the supply of the goods or services of any provision of the Trade Practices Act 1974 or of any similar State or Federal legislation that may not be excluded, restricted or modified;
- (b) the exercise of a right conferred by such provision; or
- (c) subject to the next paragraph, any liability of Fanmaster for breach of a condition or warranty implied by such a provision. Fanmaster liability for a breach of a condition or warranty implied by a provision of Division 2 of Part V of the Trade Practices Act 1974, or of any similar State or Federal legislation where Fanmaster may similarly limit its liability, will be limited to any one of the following:

(a) in the case of goods:

- (1) the replacement of the relevant goods or the supply of equivalent goods;
- (2) the repair of the relevant goods;
- (3) the payment of the costs of replacing the relevant goods, or of acquiring equivalent goods; or
- (4) the payment of the costs of having the relevant goods repaired; and

(b) In the case of services:

- (1) the supply of the services again; or
- (2) the payment of the cost of having the relevant services supplied again, and Fanmaster may in its sole discretion determine which of the foregoing limits will apply in any case.

#### 12 Governing Law

Any Supply by Fanmaster to the customer, and these conditions, will be governed by the laws of or applicable in the Australian state or territory where the goods are delivered or the services are supplied to the customer (or if outside Australia, then by the laws applicable in the Australian state or territory from which the goods or services are supplied).



# FANMASTER

COOLING HEATING VENTILATION EXTRACTION



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