

**FANQUIP**  
VENTILATION SOLUTIONS



All the fresh air you could ever need.

**ALL FROM ONE PLACE**

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Quality  
ISO 9001



ALL THE FRESH AIR YOU COULD EVER NEED - ALL FROM ONE PLACE

# Introduction



As Australia's leading fan company, Fanquip are well placed to advise, design and manufacture the complete range of fans and fan systems for industrial and manufacturing applications.

## a constant stream of great ideas...



For over 35 years, Fanquip has provided solutions for industry to conquer ventilation and associated issues.



Our specialty being turnkey solutions from initial consultation to installation and maintenance.



The initial contact is followed closely by the design proposal which then continues through each step of the process to reach a solution for individual requirements.

Internationally we provide our service and quality products, manufactured in Australia, with the strength and superiority to last beyond 20 years.



## OUR MISSION IS TO PROVIDE THE TURNKEY SOLUTION THAT LASTS FOREVER.

We understand that industry and client needs often differ from one another. That's why we treat every request individually and purposefully to ensure the right solution is tailored for your unique needs.

Fanquip organises everything required. From consultation, ventilation equipment, streamlined ducting, brackets, custom fitments, freight, crane hire and more. Fanquip is the only solution you need.

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# turnkey solutions

ALL THE FRESH AIR YOU COULD EVER NEED - ALL FROM ONE PLACE

# ventilation consulting

## PROFESSIONAL BY DEFINITION

At Fanquip, the Macquarie Dictionary explains our ability to satisfy our customer's requirements in any stage of a project:

**“Employed or involved in giving professional advice for facilities or equipment for providing ventilation...”**

The needs of our customers and ongoing product servicing are paramount in our philosophy. Fanquip will come to your site, take detailed notes of your requirements, inspect the area and formulate a solution which works within your needs and budget.

Our commitment to service, quality and professionalism is exactly the same whether you have a new project or you simply require us to maintain an existing ventilation system.



# custom products

## OUR SPECIALTY

Fanquip has engineers who are readily available for perusal and determination of custom products for specific solutions. We pride ourselves in our ability to adapt or design new products or solutions for our clients.



# servicing and repairs

At Fanquip, we offer a full repairs and overhaul service of fans, impellers, motors and associated products. With a large workshop facility, overhead crane, highly skilled technicians and the largest fan testing chamber in Australia, it allows us to provide high quality and efficient servicing to get your equipment back on site to limit down-time and ensure long ongoing service life.

## Our services include:

- Fan casing repairs
- Impeller repairs or replacements
- Motor repairs or replacements
- Blasting, painting and powder coating
- Crack testing
- Impeller static and dynamic balancing
- Airflow testing



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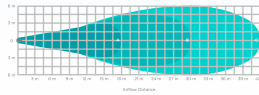
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## Pedestal Air Circulators



**HOSEPROOF  
IP56**

- Australian made
- Stainless steel or powder coated steel construction
- Washdown duty/hoseproof IP56 rating
- Fixed head design - tilt & height adjustable
- 2 speed motors (240V models only)



**OPTIONS**

- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP66 Motor (415V models only)

MODEL NO.	FAN DIA. (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	VOLTAGE (V)	FREE AIR VOLUME (L/s)
<b>5-46241P*</b>	460	1400/900	0.20	240	3000
<b>5-46243P*</b>	460	1440	0.55	415	3000
<b>5-60241P*</b>	630	1400/900	0.20	240	6500
<b>5-60243P*</b>	630	1440	0.55	415	6500
<b>5-80161P*</b>	810	900/700	0.35	240	17000
<b>5-80163P*</b>	810	960	0.37	415	17000

\*Add SS to model number for stainless steel

## Wall Mount Air Circulators



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HOSEPROOF  
IP56

- Australian made
- Stainless steel or powder coated steel construction
- Washdown duty/hoseproof IP56 rating
- Fixed head design - tilt & height adjustable
- 2 speed motors (240V models only)



**OPTIONS**

- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP66 Motor (415V models only)
- Extended lead and control switch

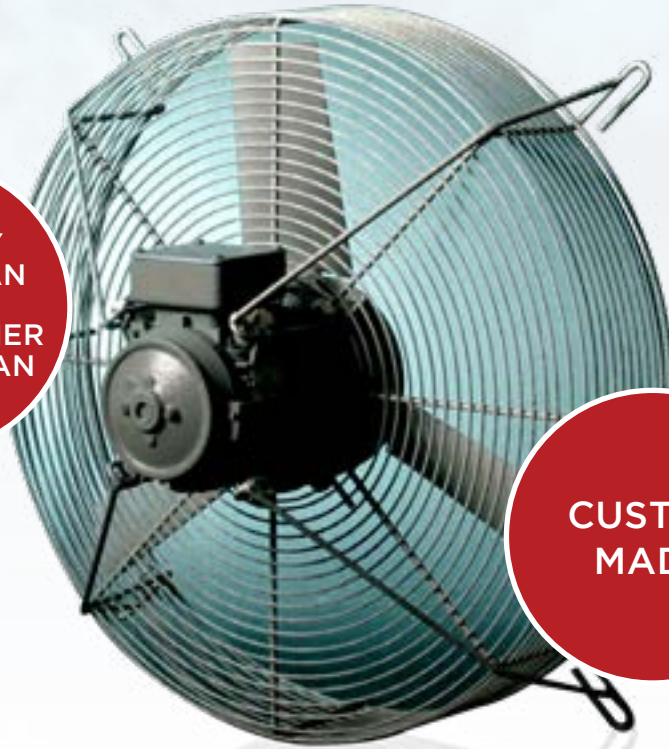
MODEL NO.	FAN DIA. (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	VOLTAGE (V)	FREE AIR VOLUME (L/s)
<b>5-46241W*</b>	460	1400/900	0.20	240	3000
<b>5-46243W*</b>	460	1440	0.55	415	3000
<b>5-60241W*</b>	630	1400/900	0.20	240	6500
<b>5-60243W*</b>	630	1440	0.55	415	6500
<b>5-80161W*</b>	810	900/700	0.35	240	17000
<b>5-80163W*</b>	810	960	0.37	415	17000

\*Add SS to model number for stainless steel

# Transformer Cooling Fans

THE ONLY  
AUSTRALIAN  
MADE  
TRANSFORMER  
COOLING FAN

CUSTOM  
MADE



- Made for Australian conditions
- Hot dipped galvanised
- Continuously rated
- Aerofoil impeller
- Optional front safety guard available



MODEL No.	FAN DIAMETER (kW)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	FREE AIR VOLUME (L/s)	VOLTAGE (V)
<b>5-63163</b>	600	960	0.37	2300	415
<b>5-66163</b>	600	960	0.37	3000	415
<b>5-66243</b>	600	1440	0.75	3700	415

# Utility Air Circulators



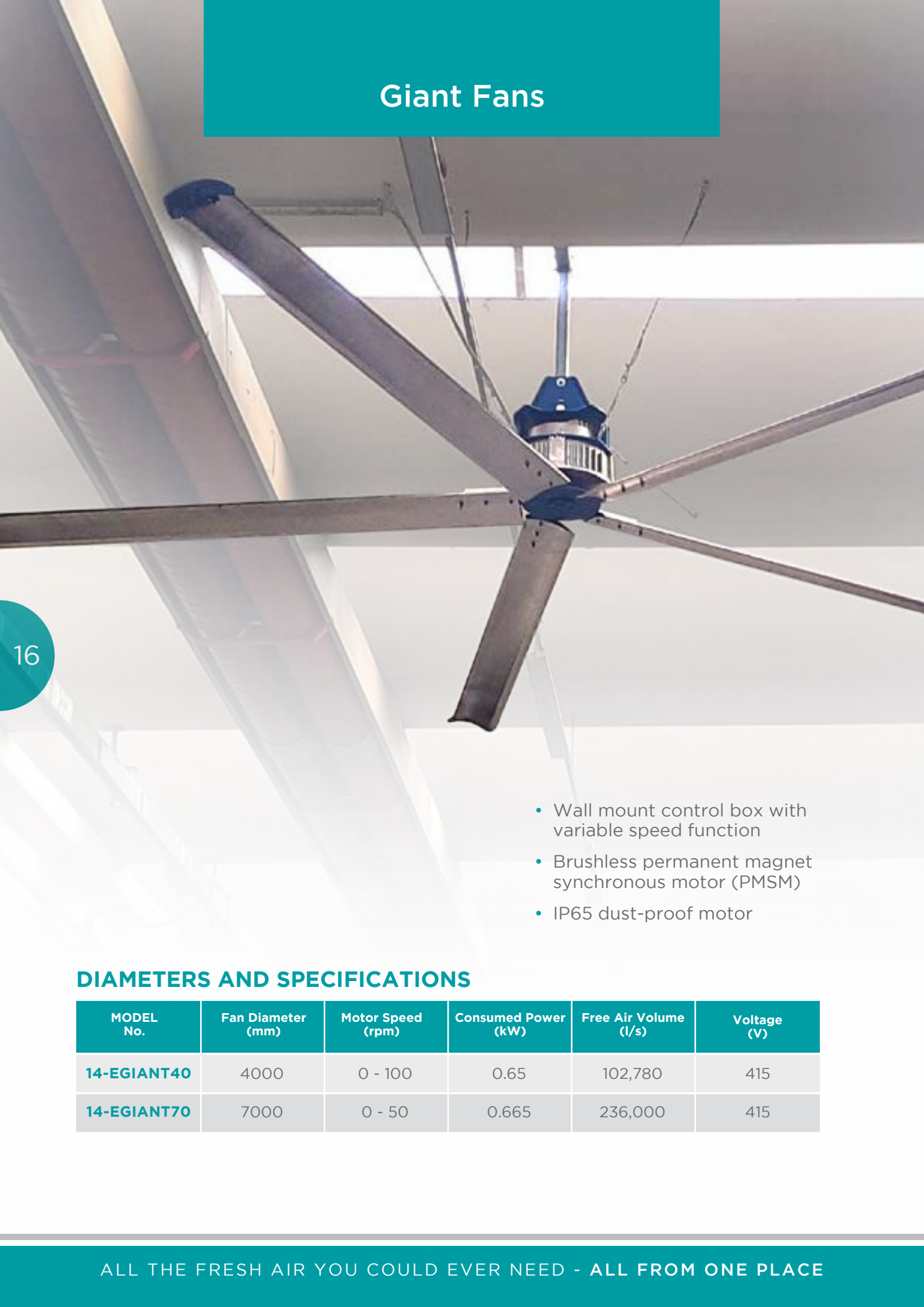
**FULLY GALVANISED**



- Galvanised steel casing
- Inlet and outlet finger guards
- IP55 motor
- GRP adjustable pitch blades
- Side mount hanging handles
- Lead and 3 pin (plug supplied on 240V model only)
- Lightweight for fast and easy installation
- Designed to offer maximum air movement
- For poultry, dairy, pig sheds and greenhouses
- Ensures comfortable conditions and a cooler, fresher environment

MODEL NO.	FAN DIA. (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	FREE AIR VOLUME (L/s)	VOLTAGE (V)
<b>17-80161</b>	800	960	0.15	3775	240
<b>17-81161</b>	800	960	0.35	5115	240
<b>17-81163</b>	800	960	0.37	5115	415

# Giant Fans



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- Wall mount control box with variable speed function
- Brushless permanent magnet synchronous motor (PMSM)
- IP65 dust-proof motor

## DIAMETERS AND SPECIFICATIONS

MODEL No.	Fan Diameter (mm)	Motor Speed (rpm)	Consumed Power (kW)	Free Air Volume (l/s)	Voltage (V)
14-EGIANT40	4000	0 - 100	0.65	102,780	415
14-EGIANT70	7000	0 - 50	0.665	236,000	415

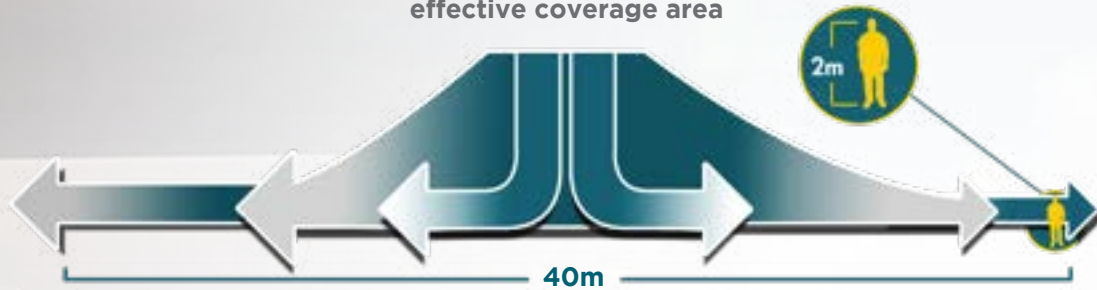
ALL THE FRESH AIR YOU COULD EVER NEED - ALL FROM ONE PLACE





## More coverage

Deeper jets of air maximise effective coverage area



## More comfortable people

Deeper jets of air and greater reach combine to move air over obstacles



## WHY CHOOSE GIANT?

- Improves personnel comfort and productivity
- Very low power consumption
- 30% reduction in winter heating costs through efficient de-stratification
- Low maintenance
- Easy installation
- Whisper quiet noise levels

## YEAR ROUND AIR CIRCULATION SOLUTION

- SUMMER COOLING - Reduce perceived temperatures by up to 7°C
- WINTER HEAT DESTRAFICATION - Reduce heating costs by up to 30%

## Mobile Mancoolers



- Australian made
- Australian Standard guards
- Class leading performance
- Heavy duty lifting hook fitted
- Large diameter wheel for easy handling
- Heavy pipe frame

## OPTIONS

- Aluminium or stainless steel casings
- Hot dip galvanised finish
- Aluminium adjustable pitch blades
- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP56 or IP66 motor
- Compressed air powered
- Corporate colours and labeled
- Wall/ceiling mounting bracket
- Hydroblast misting kit attachment
- Flexible ducting



MODEL NO.	FAN DIA. (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	FREE AIR VOLUME (L/s)	VOLTAGE (V)
<b>1-40241*</b>	400	1440	0.55	1500	240
<b>1-40243*</b>	400	1440	0.55	1500	415
<b>1-40481*</b>	400	2880	1.10	2150	240
<b>1-40483*</b>	400	2880	1.10	2150	415
<b>1-50241*</b>	500	1440	0.75	2450	240
<b>1-50243*</b>	500	1440	0.75	2450	415
<b>1-60241*</b>	600	1440	1.50	4400	240
<b>1-60243*</b>	600	1440	1.50	4400	415
<b>1-61241*</b>	600	1440	2.20	5800	240
<b>1-61243*</b>	600	1440	3.00	6600	415
<b>1-80161*</b>	800	960	1.50	7000	240
<b>1-80163*</b>	800	960	1.50	7000	415
<b>1-80241*</b>	800	1440	2.20	8000	240
<b>1-80243*</b>	800	1440	3.00	9000	415
<b>1-10123*</b>	1000	720	3.00	12000	415
<b>1-10163*</b>	1000	960	5.50	17000	415

\*Add W to model number for Wall Mount

\*Add CM to model number for Ceiling Mount



## Mini Mancoolers



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- Australian made
- Extra heavy duty
- Australian standard guarding
- Heavy pipe skid frame
- Lightweight and portable

## OPTIONS

- Aluminium or stainless steel casings
- Hot dip galvanised finish
- Aluminium adjustable pitch blades
- Hazardous location rated - Exe, Exd, ExnA, Extd
- Compressed air powered
- Corporate colours and labeled
- Wall/ceiling mount bracket
- Hydroblast misting kit attachment
- Flexible ducting



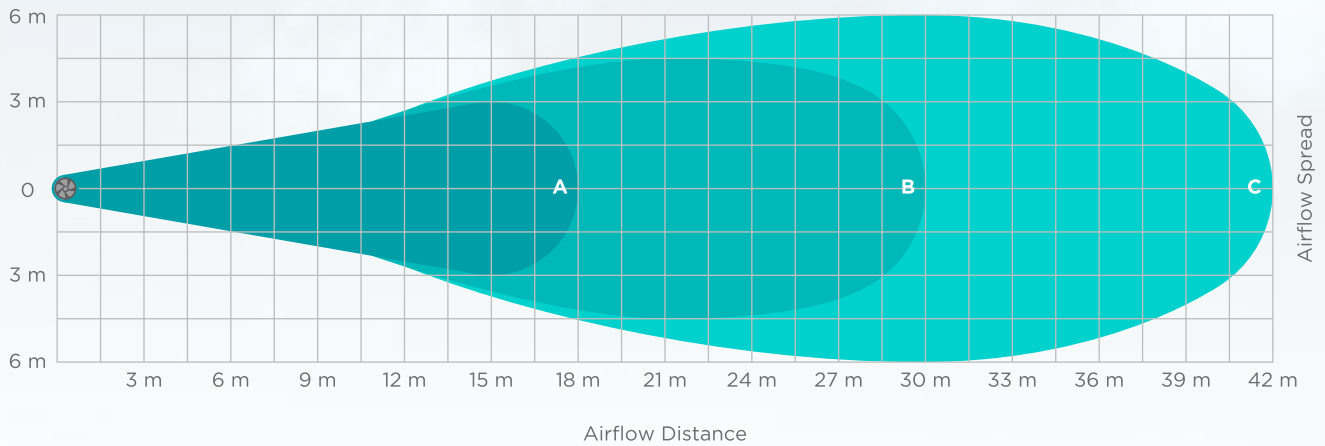
MODEL NO.	FAN DIA. (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	FREE AIR VOLUME (L/s)	VOLTAGE (V)
<b>1-30481*</b>	300	2880	0.55	1400	240
<b>1-30483*</b>	300	2880	0.55	1400	415
<b>1-41241*</b>	400	1440	0.55	1500	240
<b>1-41243*</b>	400	1440	0.55	1500	415
<b>1-41481*</b>	400	2880	1.10	2150	240
<b>1-41483*</b>	400	2880	1.10	2150	415

\*Add W to model number for Wall Mount

\*Add CM to model number for Ceiling Mount



# Mancoolers - Airflow Table



Darker shaded areas indicate higher air velocities

MODEL No.	Air Velocity (m/s)		
	A	B	C
<b>1-30241/3</b>	2	1	1
<b>1-30481/3</b>	5	3	2
<b>1-41241/3</b>	3	2	1
<b>1-41481/3</b>	5	3	2
<b>1-40241/3</b>	3	2	1
<b>1-40481/3</b>	5	3	2
<b>1-50241/3</b>	3	2	2
<b>1-60241/3</b>	4	2	2
<b>1-61241/3</b>	5	3	2
<b>1-80161/3</b>	3	2	2
<b>1-80241/3</b>	4	3	2
<b>1-10123</b>	3	2	2
<b>1-10163</b>	5	3	2

# Mancooler Ancillaries

## Flexible Ducting

- Heavy duty ducting suitable for both supply and extract
- Used in factories, construction sites and underground
- 5m or 10m lengths
- 300mm to 1000mm diameter
- FRAS (Fire Retardant Anti-Static) option



## Layflat Ducting

- Economical clear plastic ducting for positive pressure air movement
- Supplied in 20kg rolls (can be cut to size)
- 300mm to 800mm diameter

## Hydroblast Attachments

- Provides fine water mist for easy evaporation and fast cooling
- Used for dust suppression and personnel, machinery and livestock cooling
- To suit Mancoolers and Air Circulators
- 2 to 4 nozzles (1 nozzle for air circulators)



# Air Curtains



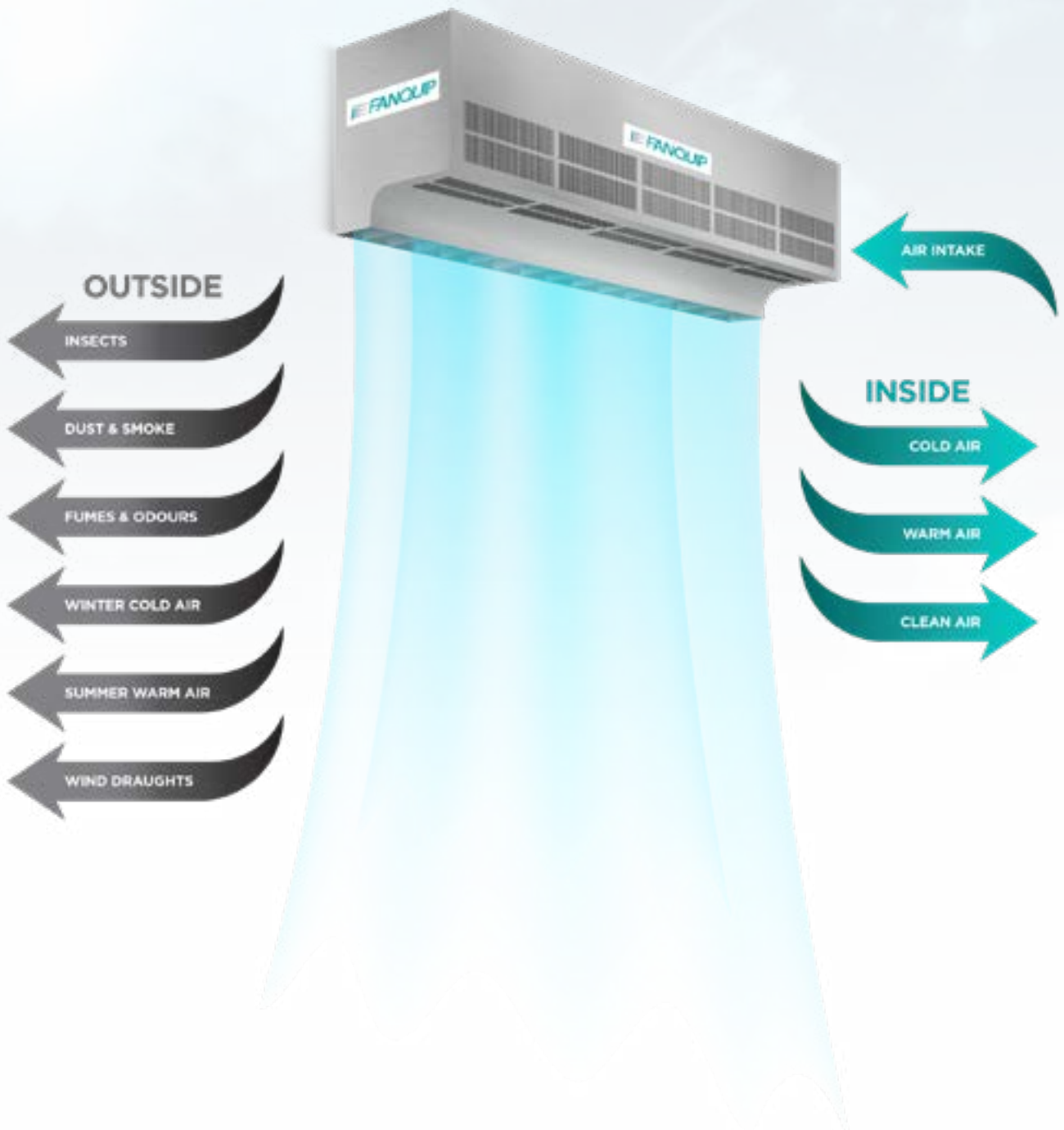
**STAINLESS  
STEEL**

- Ideal for abattoirs, bakeries, coolrooms, food processing plants, pharmaceutical industry
- Australian made
- Stainless steel construction
- AQIS standards specify an air speed of over 8m/s at 900m above the floor on doorways covered by air curtains. Fanquip air curtains exceed this
- Washdown duty/hose proof IP56 rated
- Can be mounted side by side



**FOOD  
INDUSTRY  
SPECIALITY**





MODEL No.	LENGTH (mm)	MOTOR POWER (kW)	MOTOR SPEED (rpm)	VOLTAGE (V)
<b>13-15091SS</b>	900	0.75	1440	240
<b>13-15093SS</b>	900	0.75	1440	415
<b>13-15121SS</b>	1200	1.5	1440	240
<b>13-15123SS</b>	1200	1.5	1440	415
<b>13-15151SS</b>	1500	2.2	1440	240
<b>13-15153SS</b>	1500	2.2	1440	415

## Wall Plate Exhaust Fans



**PREMIUM  
POWDER  
COAT FINISH**



- Australian made
- Premium powder coated casing
- Inlet finger guard
- Exhaust or Supply Air versions available

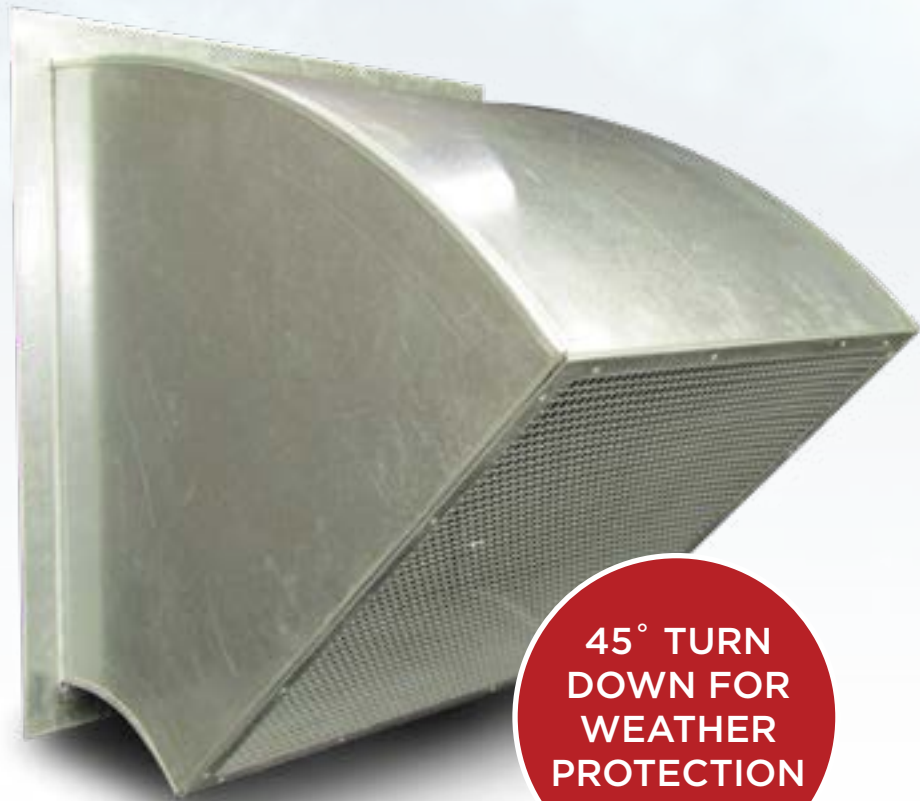
### OPTIONS

- Aluminium or stainless steel casings
- Hot dip galvanised finish
- Aluminium adjustable pitch blades
- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP56 or IP66 Motor
- Outlet finger guard
- Supply Air version available



MODEL NO.	FAN DIA. (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	FREE AIR VOLUME (L/s)	VOLTAGE (V)
<b>4-30241</b>	300	1440	0.37	600	240
<b>4-30243</b>	300	1440	0.37	600	415
<b>4-40241</b>	400	1440	0.55	1450	240
<b>4-40243</b>	400	1440	0.55	1450	415
<b>4-50161</b>	500	960	0.37	1550	240
<b>4-50163</b>	500	960	0.37	1550	415
<b>4-50241</b>	500	1440	0.75	2450	240
<b>4-50243</b>	500	1440	0.75	2450	415
<b>4-60161</b>	600	960	0.37	3200	240
<b>4-60163</b>	600	960	0.37	3200	415
<b>4-60241</b>	600	1440	1.10	4400	240
<b>4-60243</b>	600	1440	1.10	4400	415
<b>4-80123</b>	800	720	0.55	5600	415
<b>4-80161</b>	800	960	1.10	7000	240
<b>4-80163</b>	800	960	1.10	7000	415
<b>4-10123</b>	1000	720	1.50	10800	415
<b>4-12123</b>	1200	720	2.20	15000	415
<b>4-15123</b>	1500	720	3.00	22000	415

# Roll Over Cowls



- Galvanised construction
- Vermin mesh fitted
- Sizes ranging from 360mm to 1525mm square
- For installation with Wall Plate Exhaust Fans for weather protection

### OPTIONS

- Stainless steel construction
- Filters fitted for clean air supply
- Acoustic design for noise reduction



TO FIT FAN (mm)	MODEL NO.
300	14-6330
400	14-6430
500	14-6530
600	14-6630
800	14-6830
1000	14-6103
1200	14-6123
1500	14-6153

# Louvres & Dampers

## Gravity Closing Louvres

- Aluminium/galvanised or stainless steel construction
- Sizes ranging from 360mm to 1524mm square



**OPENS  
WHEN FAN  
IS IN  
OPERATION**



## Volume Control Dampers

- Aluminium or stainless steel construction
- Available in manual or motorised control
- Manufactured to any size



## Fixed Wall Louvres

- Aluminium, galvanised or stainless steel construction
- Range of colours available
- Vermin mesh fitted
- Manufacture to any size
- Option of filtered or acoustic design

# Side Wall Exhaust Fans



**DIRECT  
DRIVE**

- Australian made
- Direct Drive
- Hot dip galvanised casing
- Aluminium gravity closing damper
- Inlet finger guard

## OPTIONS

- Stainless steel casing
- Powder coated finish
- Aluminium adjustable pitch blades
- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP56 or IP66 motor
- Motorised damper



MODEL NO.	FAN DIA. (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	FREE AIR VOLUME (L/s)	VOLTAGE (V)
<b>18-30241</b>	300	1440	0.37	600	240
<b>18-30243</b>	300	1440	0.37	600	415
<b>18-40241</b>	400	1440	0.55	1450	240
<b>18-40243</b>	400	1440	0.55	1450	415
<b>18-50241</b>	500	1440	0.75	2450	240
<b>18-50243</b>	500	1440	0.75	2450	415
<b>18-60161</b>	600	960	0.37	3200	240
<b>18-60163</b>	600	960	0.37	3200	415
<b>18-60241</b>	600	1440	1.10	4400	240
<b>18-60243</b>	600	1440	1.10	4400	415
<b>18-80163</b>	800	960	1.10	7000	415
<b>18-10123</b>	1000	720	1.50	10800	415

# End Wall Exhaust Fans



**BELT  
DRIVE**

- Galvanised casing
- Galvanised gravity closing damper
- Inlet finger guard
- IP55 motor
- Stainless steel fixed blades

MODEL NO.	FAN DIA. (mm)	MOTOR POWER (kW)	FAN SPEED (RPM)	MOTOR SPEED (RPM)	VOLTAGE (V)	FREE AIR VOLUME (L/s)
<b>18-10683CP</b>	1060	0.75	460	1440	415	6270
<b>18-12583CP</b>	1270	1.10	460	1440	415	11055



# Vertical Discharge Kit & Hooded Relief Vent



## OPTIONS

- Stainless steel construction

- Galvanised construction
- Butterfly damper to prevent rain ingress
- Spigot or flanged connection
- Used for ducted exhaust systems

MODEL No.	DIA. (mm)
<b>14-VDK300</b>	300
<b>14-VDK400</b>	400
<b>14-VDK500</b>	500
<b>14-VDK600</b>	600
<b>14-VDK700</b>	700
<b>14-VDK800</b>	800
<b>14-VDK1000</b>	1000
<b>14-VDK1200</b>	1200



## OPTIONS

- Stainless steel construction

- Fibreglass hood/Hot dip galvanised casing
- Birdmesh protection
- Curb base, spigot or flanged connection
- Used for air intake or exhaust systems or pressure relief in buildings

MODEL No.	DIA. (mm)
<b>7-RV300</b>	300
<b>7-RV400</b>	400
<b>7-RV500</b>	500
<b>7-RV600</b>	600
<b>7-RV700</b>	700
<b>7-RV800</b>	800
<b>7-RV1000</b>	1000
<b>7-RV1200</b>	1200

# Vertical Discharge Roof Fan



**WEATHER  
PROOF  
BUTTERFLY  
DAMPERS**

- Australian made
- Vertical discharge of airflow
- Hot dip galvanised casing
- Butterfly damper to prevent rain ingress

## OPTIONS

- Aluminium or stainless steel casings
- Belt driven or bifurcated design
- Aluminium adjustable pitch blades
- Smoke spill rated
- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP56 or IP66 motor
- Upstand for fan mounting

MODEL NO.	FAN DIA. (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	FREE AIR VOLUME (L/s)	VOLTAGE (V)
<b>3-30481</b>	300	2880	0.55	1100	240
<b>3-30483</b>	300	2880	0.55	1100	415
<b>3-40241</b>	400	1440	0.55	1480	240
<b>3-40243</b>	400	1440	0.55	1480	415
<b>3-50241</b>	500	1440	0.75	2400	240
<b>3-50243</b>	500	1440	0.75	2400	415
<b>3-60161</b>	600	960	0.37	3120	240
<b>3-60163</b>	600	960	0.37	3120	415
<b>3-60241</b>	600	1440	1.50	4360	240
<b>3-60243</b>	600	1440	1.50	4360	415
<b>3-80123</b>	800	720	0.55	5500	415
<b>3-80161</b>	800	960	1.10	6900	240
<b>3-80163</b>	800	960	1.10	6900	415
<b>3-10123</b>	1000	720	1.50	10040	415
<b>3-12123</b>	1200	720	2.20	14000	415
<b>3-15123</b>	1500	720	3.00	19000	415

# Curb Base Hooded Roof Fan

- Australian made
- Weatherproof design
- Fibreglass hood/Hot dip galvanised casing
- Birdmesh protection
- Exhaust or Supply Air versions available



**DOWNWARD  
DISCHARGE**

## OPTIONS

- Aluminium or stainless steel casings
- Belt driven or bifurcated design
- Aluminium adjustable pitch blades
- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP56 or IP66 motor
- Available without fan/motor as a relief vent
- Upstand for fan mounting



MODEL NO.	FAN DIA. (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	FREE AIR VOLUME (L/s)	VOLTAGE (V)
<b>7-30241</b>	300	1440	0.37	600	240
<b>7-30243</b>	300	1440	0.37	600	415
<b>7-30481</b>	300	2880	0.55	1100	240
<b>7-30483</b>	300	2880	0.55	1100	415
<b>7-40241</b>	400	1440	0.55	1480	240
<b>7-40243</b>	400	1440	0.55	1480	415
<b>7-50161</b>	500	960	0.37	1629	240
<b>7-50163</b>	500	960	0.37	1629	415
<b>7-50241</b>	500	1440	0.75	2350	240
<b>7-50243</b>	500	1440	0.75	2350	415
<b>7-60161</b>	600	960	0.37	3010	240
<b>7-60163</b>	600	960	0.37	3010	415
<b>7-60241</b>	600	1440	1.10	4300	240
<b>7-60243</b>	600	1440	1.10	4300	415
<b>7-80123</b>	800	720	0.55	5400	415
<b>7-80163</b>	800	960	1.10	6800	415
<b>7-10123</b>	1000	720	1.50	9800	415
<b>7-12123</b>	1200	720	2.20	14000	415

# Profile Base Hooded Roof Fan

SAVE 24%  
OF CAPITAL  
COST!

## WEATHERPROOF DESIGN

- Australian made
- Simple installation - no upstand/overflashings required
- Fiberglass hood/base / Hot dip galvanised casing
- Birdmesh protection
- Exhaust or Supply Air versions available

CUTS  
INSTALL  
TIME  
BY 50%

### OPTIONS

- Aluminium or stainless steel casings
- Wide range of colour options available
- Aluminium adjustable pitch blades
- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP56 or IP66 motor
- Available without fan/motor as a relief vent



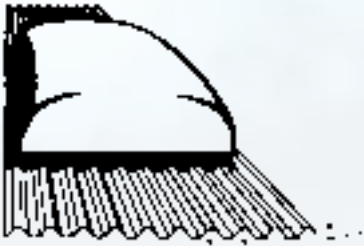
Shown here  
with optional  
extended spigot.

MODEL NO.	FAN DIA. (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	FREE AIR VOLUME (L/s)	VOLTAGE (V)	BASE
7-40241*	400	1440	0.55	1484	240	CI/TD/SS/SD
7-40243*	400	1440	0.55	1484	415	CI/TD/SS/SD
7-60161*	600	960	0.37	3019	240	CI/TD/SS/DR/SD/LS
7-60163*	600	960	0.37	3019	415	CI/TD/SS/DR/SD/LS
7-60241*	600	1440	1.10	4300	240	CI/TD/SS/DR/SD/LS
7-60243*	600	1440	1.10	4300	415	CI/TD/SS/DR/SD/LS
7-80123*	800	720	0.55	5400	415	CI/TD/SS
7-80163*	800	960	1.10	6800	415	CI/TD/SS
7-10123*	1000	720	1.50	10000	415	CI/TD/SD/LS
7-12123*	1200	720	2.20	14000	415	CI/TD/SD/LS

\*Add the 2 letters from the 'Base' column to the model number for the required profile base type

ALL THE FRESH AIR YOU COULD EVER NEED - ALL FROM ONE PLACE

# Profile Base Options



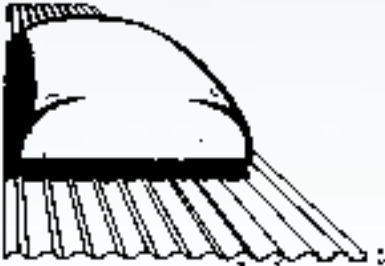
**Longspan (LS)**  
600mm - 1200mm



**Double Rib & Span 4 (DR)**  
600mm



**Trimdek (TD)**  
400mm - 600mm - 800mm  
1000mm - 1200mm



**Corrugated Iron (CI)**  
400mm - 600mm - 800mm  
1000mm - 1200mm



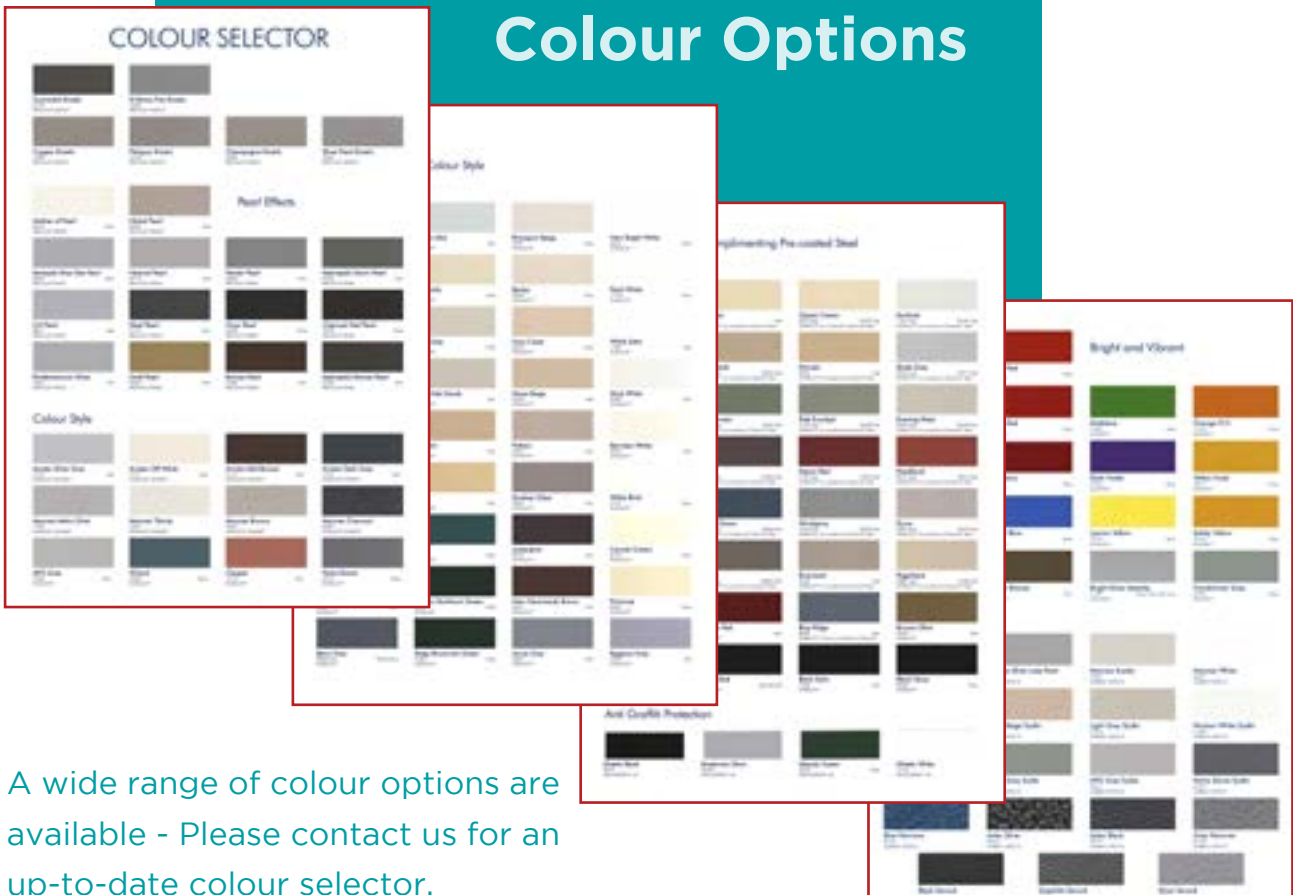
**Spankdek (SD)**  
400mm - 600mm  
1000mm - 1200mm



**Super Six (SS)**  
400mm - 600mm - 800mm

\*Other profiles are available - please ask for details.

## Colour Options



A wide range of colour options are available - Please contact us for an up-to-date colour selector.

# Portable Blower / Extractor



**DUCTING &  
CAPTURE  
HOOD**

- Australian made
- Impact resistant polyethylene moulded casing
- Aluminium carry frame
- Lightweight and portable
- 5m length of heavy duty flexible ducting
- Inlet capture hood for increased suction area

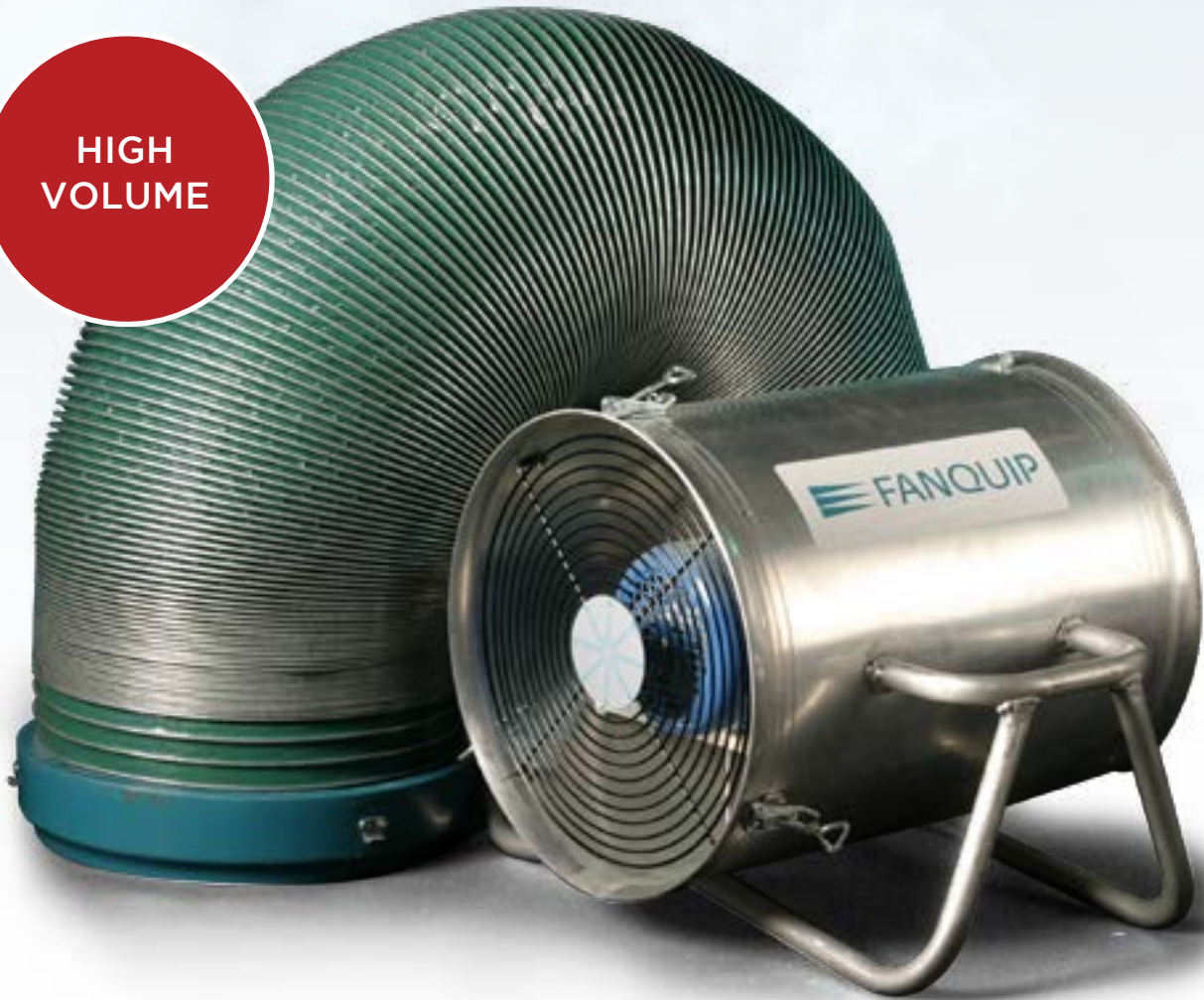
## OPTIONS

- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP56 or IP66 motor
- Compressed air powered
- Additional lengths of ducting available

MODEL NO.	FAN DIAMETER (MM)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	FREE AIR VOLUME (L/s)	VOLTAGE (V)
<b>8-15481</b>	160	2880	0.55	450	240
<b>8-15483</b>	160	2880	0.55	450	415
<b>8-20481</b>	200	2880	1.50	890	240
<b>8-20483</b>	200	2880	1.50	890	415

# Portable Purging Fans

**HIGH  
VOLUME**



39

- Australian made
- Lightweight aluminium casing with carry handles
- Inlet and outlet finger guards
- 5m length of heavy duty flexible ducting with quick release clamps

## OPTIONS

- Stainless steel casing
- Aluminium adjustable pitch blades
- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP56 or IP66 motor
- Compressed air powered
- Additional lengths of ducting available

MODEL NO.	FAN DIAMETER (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	FREE AIR VOLUME (L/s)	VOLTAGE (V)
<b>16-30481</b>	300	2880	1.10	1200	240
<b>16-30483</b>	300	2880	1.10	1200	415
<b>16-41481</b>	400	2880	1.50	2200	240
<b>16-41483</b>	400	2880	2.20	2500	415

# Vat Purging Fans

These units were designed by an internationally renowned winemaker for winemakers!

- No ducting required
- Portable and lightweight
- Complete aluminium construction



EXHAUST  
OR SUPPLY



- Australian made
- Lightweight aluminium casing
- Inlet & outlet finger guards
- Used to extract dust, smoke and fumes

MODEL NO.	FAN DIAMETER (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	FREE AIR VOLUME (L/s)	VOLTAGE (V)
16-30241WV	300	1400	0.20	600	240
16-40241WV	400	1400	0.20	1450	240
16-60161WV	600	900	0.35	2500	240

ALL THE FRESH AIR YOU COULD EVER NEED - ALL FROM ONE PLACE



# Venturi Type Air Movers



- Available in galvanised/aluminium construction or anti-static LLDPE plastic/aluminium construction
- Compressed air power
- No moving parts
- Can be used for supply or exhaust
- Powered with compressed air these air movers are used for the dispersion of hazardous fumes, cooling of personnel and machinery, or ventilation of confined spaces

MODEL NO.	MATERIAL	BASE DIAMETER	OUTLET DIAMETER (mm)	CONNECTION PORT	FREE AIR VOLUME @ 60PSIG (l/s)	AIR CONSUMED (l/s)	WEIGHT (kg)
<b>VE 3S</b>	ALU/GAL	185	150	1/2"	450	24	3
<b>VE 3SP</b>	PLASTIC	185	150	1/2"	450	24	2
<b>VE 3</b>	ALU/GAL	185	175	1/2"	580	24	4
<b>VE 3P</b>	PLASTIC	185	175	1/2"	580	24	3
<b>VE 6</b>	ALU/GAL	285	300	1"	1360	47	10
<b>VE 6P</b>	PLASTIC	285	300	1"	1360	47	7
<b>VE 8</b>	ALU/GAL	365	370	1"	1960	72	17
<b>VE 8P</b>	PLASTIC	365	370	1"	1960	72	11

# Belt Drive Axial Flow Fans



## EXTERNAL GREASE POINTS

- Australian made
- Hot dipped galvanised
- Aerodynamic belt tube
- Heavy industrial rolled casing

## OPTIONS

- Aluminium or stainless steel casings
- Powder coated finish
- Aluminium adjustable pitch blades
- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP56 or IP66 motor
- Inlet and outlet finger guards
- Full range of accessories including angle rings, mounting feet and inlet cones



MODEL No.	FAN DIAMETER (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	FREE AIR VOLUME (L/s)	VOLTAGE (V)
<b>12-30241</b>	300	1440	0.55	654	240
<b>12-30243</b>	300	1440	0.55	654	415
<b>12-30481</b>	300	2880	0.75	1397	240
<b>12-30483</b>	300	2880	0.75	1397	415
<b>12-40241</b>	400	1440	0.55	1500	240
<b>12-40243</b>	400	1440	0.55	1500	415
<b>12-40481</b>	400	2880	1.50	2576	240
<b>12-40483</b>	400	2880	1.50	2576	415
<b>12-50241</b>	500	1440	0.75	2459	240
<b>12-50243</b>	500	1440	0.75	2459	415
<b>12-60161</b>	600	960	0.55	3274	240
<b>12-60163</b>	600	960	0.55	3274	415
<b>12-60241</b>	600	1440	1.50	4416	240
<b>12-60243</b>	600	1440	1.50	4416	415
<b>12-70163</b>	700	960	1.10	5216	415
<b>12-70243</b>	700	1440	2.20	5520	415
<b>12-80123</b>	800	720	0.75	5679	415
<b>12-80163</b>	800	960	1.50	7073	415
<b>12-80243</b>	800	1440	4.00	9228	415
<b>12-10163</b>	1000	960	3.00	11600	415
<b>12-12123</b>	1200	720	3.00	16600	415
<b>12-15163</b>	1500	960	5.50	25500	415

# Direct Drive Axial Flow Fans



**EXTERNAL  
JUNCTION  
BOX**

**300mm  
- 2200mm  
DIAMETER**

- Australian made
- Hot dipped galvanised
- Heavy industrial rolled casing

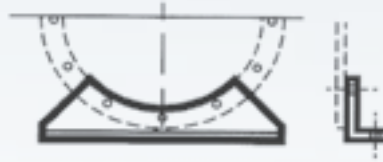
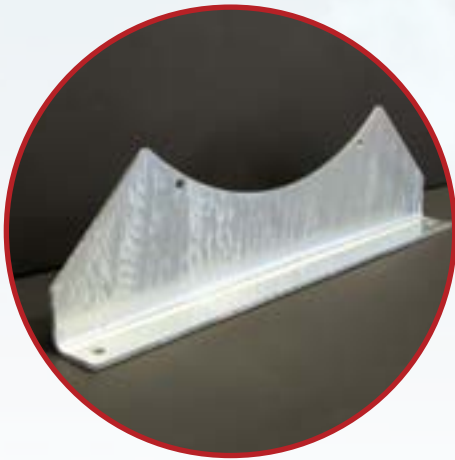
## OPTIONS

- Aluminium or stainless steel casings
- Powder coated finish
- Bifurcated casing design
- Aluminium adjustable pitch blades
- Straightening vanes
- Smoke spill rated
- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP56 or IP66 motor
- Inlet and outlet finger guards
- Full range of accessories including angle rings, mounting feet and inlet cones



MODEL No.	FAN DIAMETER (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	FREE AIR VOLUME (L/s)	VOLTAGE (V)
<b>2-30241</b>	300	1440	0.37	654	240
<b>2-30243</b>	300	1440	0.37	654	415
<b>2-30481</b>	300	2880	0.75	1397	240
<b>2-30483</b>	300	2880	0.75	1397	415
<b>2-40241</b>	400	1440	0.55	1500	240
<b>2-40243</b>	400	1440	0.55	1500	415
<b>2-40481</b>	400	2880	1.50	2576	240
<b>2-40483</b>	400	2880	1.50	2576	415
<b>2-50241</b>	500	1440	0.75	2459	240
<b>2-50243</b>	500	1440	0.75	2459	415
<b>2-60161</b>	600	960	0.37	3274	240
<b>2-60163</b>	600	960	0.37	3274	415
<b>2-60241</b>	600	1440	1.50	4416	240
<b>2-60243</b>	600	1440	1.50	4416	415
<b>2-70163</b>	700	960	1.10	5216	415
<b>2-70243</b>	700	1440	1.50	5520	415
<b>2-80123</b>	800	720	0.55	5679	415
<b>2-80163</b>	800	960	1.10	7073	415
<b>2-80243</b>	800	1440	3.00	9228	415
<b>2-10163</b>	1000	960	2.20	11600	415
<b>2-12123</b>	1200	720	3.00	16600	415
<b>2-15163</b>	1500	960	5.50	25500	415
<b>2-18123</b>	1800	720	11.0	36300	415
<b>2-20123</b>	2000	720	22.0	42650	415
<b>2-22123</b>	2200	720	22.0	55440	415

# Axial Attachments



## Mounting Feet

TO FIT FAN	MODEL No.
300	14-2022
400	14-2023
500	14-2024
600	14-2025
700	14-2026
800	14-2027
1000	14-2028
1200	14-2029
1500	14-2030



## Standard Angle Rings

TO FIT FAN	ID/OD	MODEL No.
300	310/316	14-2011
400	410/416	14-2012
500	510/516	14-2013
600	610/616	14-2014
700	710/716	14-2015
800	810/816	14-2016
1000	1010/1016	14-2017
1200	1220/1226	14-2018
1500	1525/1531	14-2019



## Inlet Cones

TO FIT FAN	MODEL No.
300	14-2033
400	14-2034
500	14-2035
600	14-2036
700	14-2037
800	14-2038
1000	14-2039
1200	14-2040
1500	14-2041

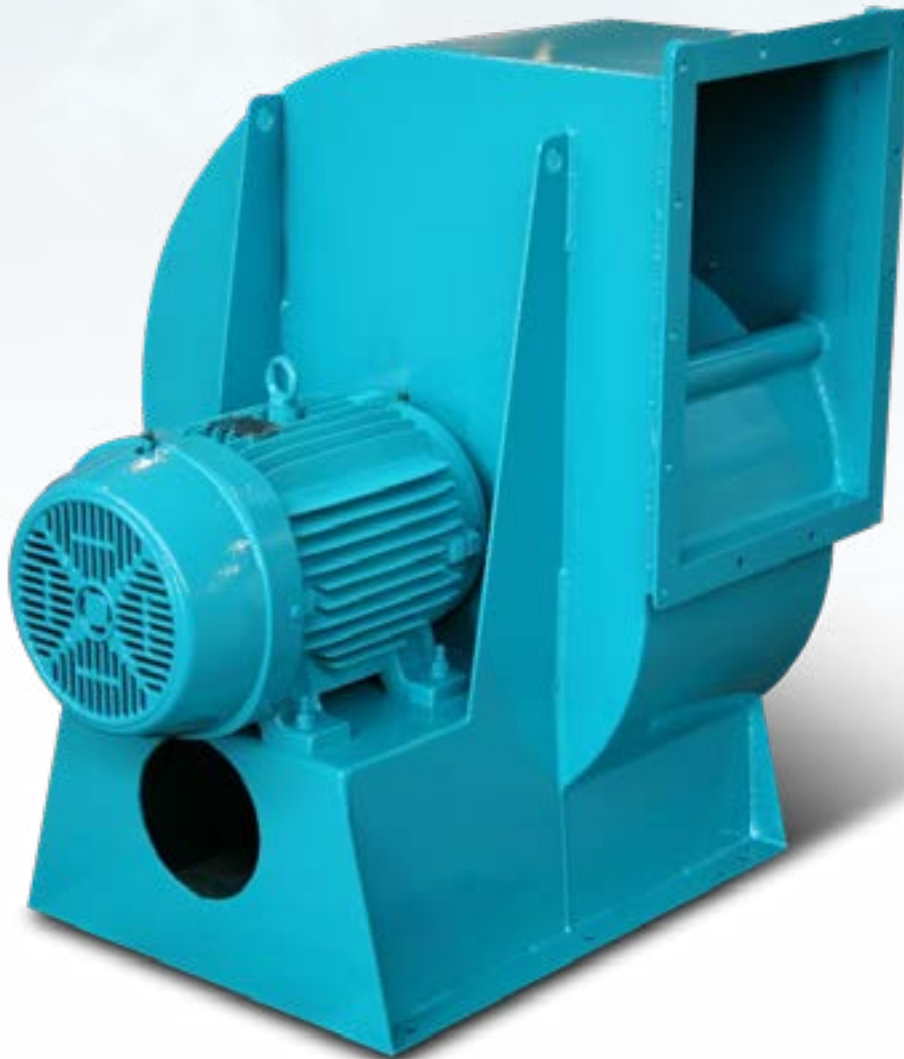
# Forward Curve Centrifugal Fans



- Stainless steel casing
- Washdown duty/hoseproof IP56 rating

MODEL No.	INLET DIAMETER (mm)	OUTLET DIAMETER (mm)	MOTOR SPEED (RPM)	MOTOR POWER (kW)	VOLTAGE (V)	AIR VOLUME (L/s)	STATIC PRESSURE (PA)
CY076-S	76	50	2880	0.25	240	5	118
						13	100
						27	0
CY150-S	150	150	2880	0.37	415	50	530
						100	480
						200	0
CY180-S	150	150	2880	0.75	415	84	820
						180	770
						360	0
CY200-S	200	200	2880	1.5	415	133	1300
						300	1000
						600	0

# Backward Inclined Centrifugal Fans



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## Clean air/light dust load handling fan High Volume - Low Noise

- Backward inclined impeller
- Australian made
- Heavy industrial duty
- IP55 motor
- Premium powder coated steel casing
- Large range of sizes available built to specifications



## OPTIONS

- Stainless steel casing
- Hot dip galvanised or epoxy paint finish
- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP56 or IP66 motor
- Direct Drive or Belt Drive
- Full range of accessories including silencers, anti-vibration isolators and VSD's



# Materials Handling Centrifugal Fans



SPECIAL  
CONFIGURATIONS  
AVAILABLE

Rugged steel impeller is ideal for dust conveying or other industrial airstreams, erosive installations and material handling applications

- Radial impeller
- Australian made
- Heavy industrial duty
- IP55 motor
- Premium powder coated steel casing
- Large range of sizes available built to specifications



#### OPTIONS

- Stainless steel casing
- Hot dip galvanised or epoxy paint finish
- Hazardous location rated - Exe, Exd, ExnA, Extd
- IP56 or IP66 motor
- Direct Drive or Belt Drive
- Full range of accessories including silencers, anti-vibration isolators and VSD's



# Dust Collection Systems

**Dust Control is an integral part of many industrial Processes. Whether for the purpose of pollution control and/or product recovery, it is imperative that dust control systems are sized and selected to ensure energy and production efficiency is achieved.**

## **FANQUIP can help solve your dust problems**

FANQUIP have the expertise to select the appropriately sized dust collector for any application. We have team from a vast industrial background including Pollution Control giving you confidence that your next dust control project will be a wise investment, with FANQUIP's unsurpassed expertise and product offering.

**FANQUIP have multiple dust control technologies to choose from, including:**

- Cyclonic Filtration
- Reverse Air
- Reverse Pulse



Having multiple technologies, means the most appropriate solution can be offered to suit any application. When partnering with FANQUIP, you can be assured that the solution FANQUIP offer will ensure compliance, be the most efficient and have the lowest total cost of ownership.

# Fume Extractors



## Mobile Fume Extractor

- Premium powder coated steel casing
- Two stage filtration with both pre-filter and HEPA filter
- 150mm dia x 3000mm or 4000mm long articulated fume arm
- Heavy duty castors for ease of handling
- Ideal for capturing welding fumes, grinding dusts, dry dusts and soldering fumes

# Negative Air Units



PRE-FILTER  
AND HEPA  
FILTER

- Tested to AS1324
- 99.97% efficiency @ 0.3 micron
- Internal monitor

## Specifications

**Electrical:** 240 volt, 10 amp, 3 pin plug

**Weight:** 96 kgs approx.

**Duct Size:** 300mm diameter

**Filters:** Washable prefilter and HEPA filter

**Airflow:** 944/756 L/s

NO.1 UNIT IN  
THE ASBESTOS  
INDUSTRY

# Heater Fans

**NO NAKED  
FLAMES**



- Australian made
- Premium powder coated steel casing
- Workplace approved
- Available with trolley or wall mounted



MODEL NO.	ELEMENT POWER (kW)	MOTOR SPEED (RPM)	FL (amp)	HEAT GENERATED (kJ)	VOLTAGE (V)
<b>11-703*</b>	7.0	1440	10	8,640	415
<b>11-1403*</b>	14.0	1440	10	25,200	415
<b>11-1803*</b>	18.0	1440	20	50,400	415
<b>11-2103*</b>	21.0	1440	32	86,400	415
<b>11-2403*</b>	24.0	1440	35	129,600	415
<b>11-3603*</b>	36.0	1440	52	129,600	415

\*Add T to model no. for Trolley Mount or W for Wall Mount

# Fan Ancillaries

## Finger Guards

- Prevents foreign objects from entering fan
- Complies to Australian Standards safety requirements
- Also available with special coatings & stainless steel construction



## Anti-Vibration Isolators

- High isolation efficiency
- Rubber mounts & hangers
- Spring mounts & hangers
- Seismic mounts

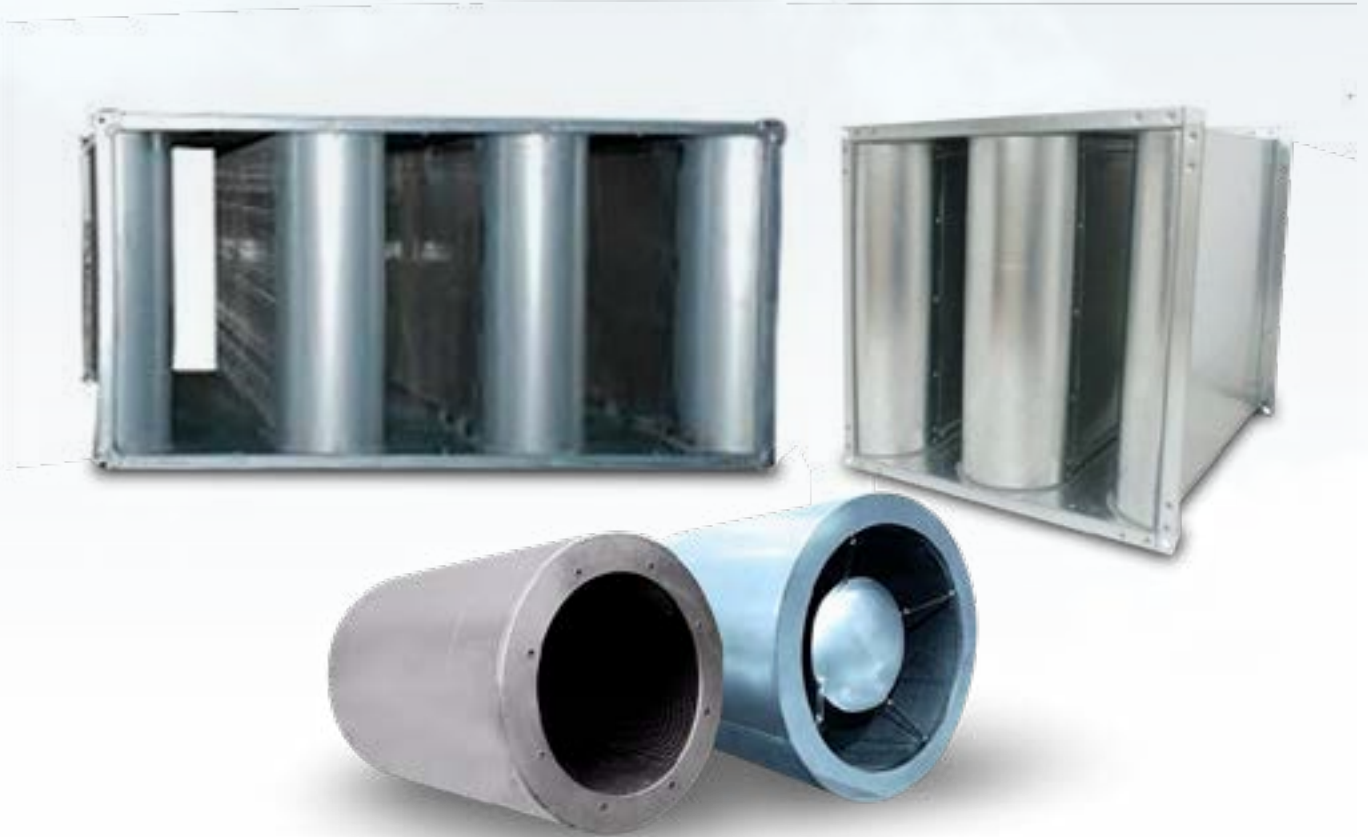
## Variable Speed Drives

- Three phase or single phase input
- IP20 or IP66
- EMC compliant
- User friendly interface





# Silencers



57



- Available in a range of designs including rectangular, circular, elbows and louvres
- Galvanised sheet steel or stainless steel construction
- Perforated internal lining
- Glass wool or fibreglass infill
- Range of different sizes available to suit application

# Impellers



UP TO 12  
BLADES

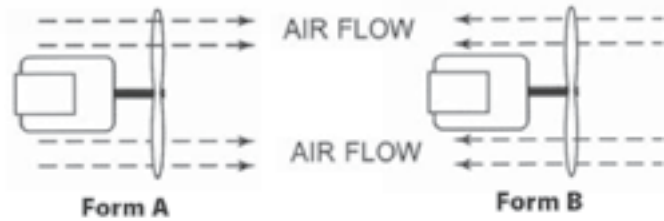
## The most efficient aerofoil available

- Diameter 250mm - 2800mm
- Constructed of aluminium or glass reinforced plastic
- Available with 2, 3, 4, 6 or 12 blades
- P190 GRP straight bore - 1/2", 5/8", 19mm, 24mm, 1"
- G230 and P160 have taperlock bushes
- Anti-static design available
- Interchangeable with other brands

## Fast delivery

### When ordering the following must be specified:

- Volume flow
- Static pressure
- Form A or B
- Motor shaft diameter impeller bore
- Motor speed & kW
- Rotation direction



HUB SERIES / MATERIAL	BLADE SERIES / MATERIAL	DIAMETER (MM)	MAX BORE SIZE (MM)	MAX POWER (KW)	MAX TIP SPEED (M/S)
<b>P190 GRP</b>	395 GRP	300-980	1"	3	70
<b>P190 GRP</b>	685 GRP	600-1560	1"	3	65
<b>P160 AL</b>	395 GRP	250-950	32	7.5	75
<b>P160 AL</b>	600 AL	300-1360	32	15	80
<b>G230 AL</b>	395 GRP	300-1020	42	5.5	70
<b>G230 AL</b>	685 GRP	300-1600	42	22	77
<b>G230 AL</b>	600 AL	300-1430	42	75	70



Whatever the application, Fanquip have the knowledge and experience to fulfil your EXACT requirements.

# www.fanquip.com.au

Our new website is now online, complete with an easy-to use product selector, plus some great new ways to connect and enquire about our products and services.



## keep touch

In addition, why not check out and connect with our company profile on LinkedIn..? It's a great way to connect with our team and stay up-to-date with developments.



Simply scan the code above with your phone, or enter [www.linkedin.com/company/3212729](http://www.linkedin.com/company/3212729) in your browser.



For more details, or to receive a copy of one of our other brochures, simply contact us now on

## 1300 224 308

Fanquip. PO Box 3150, Singleton DC NSW 2330

Email: [sales@fanquip.com.au](mailto:sales@fanquip.com.au)

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