



COMMERCIAL

CREATE COMFORTABLE, PRODUCTIVE WORK SPACES.

Effective ventilation systems increase productivity and comfort for occupants working in commercial areas. We can assist by providing energy efficient solutions that reduce heat, minimise condensation and bring in fresh air to your work space. Our commercial range includes powerful fans and air movement products suitable for a wide range of applications.





White (RAPJET-W)



Silver (RAPJET-S)

RAPID DRY JET

HAND DRYERS



These ultra powerful units are equipped with digital circuit controls and advanced infrared auto sensing technologies. Unit starts when user places hands in a comfortable position within the unit. The Rapid Dry Jet requires minimal maintenance and is available with a white or silver coloured front face.

- Advanced infrared auto sensing technology.
- Hygienic hands free operation for heavy duty high traffic use.
- Concentrated air flow for rapid drying times.
- Includes excess water tray that can be easily removed for emptying.
- Easy to clean stylish casing with ergonomic design.
- Water resistant design for a longer lifespan.
- Unique high speed motor for low power consumption.
- Warm or cold air function.
- Plug and lead included as standard.
- Auto-reset internal thermal protection.
- Electrical Test Standard: AS/NZS 60335.1:2011

incl. Amdts. 1-3 AS/NZS 60335.2.23:2012.

*Conditions apply. For details visit: fantechtrade.com.au/warranty

ENERGY SAVING

The Rapid Dry Jet features a unique high-speed motor that has a low overall power consumption, concentrated air flow and a quick drying process. It is programmed to cease operation after a standard drying time has been reached to reduce energy consumption.

SAFE

The Rapid Dry Jet smart hand dryer has multiple safety features that protect the unit against overheating and electrical surges. The user is kept safe and the hand dryer is protected. It also features an excess water tray that helps to minimise water landing on the floor.



STRONG

The robust, streamline casing protects the technology within, while being easy to maintain and clean.

HYGIENIC

Its easy to clean design, non-touch operation and anti-bacterial filter makes the Rapid Dry Jet perfect for areas with hygiene requirements.

It also comes with a brush to clean the water tray drain hole.





Top View (White Model)

ERGONOMIC & STYLISH

Designed to be aesthetically appealing, the Rapid Dry Jet will keep your washroom looking modern. To use the unit, simply place hands in the drying area and move them up and down. Hands will be dry within seconds.



SMART

Accurate and reliable air control is a result of a built in smart microchip and advanced infrared technology. The hygienic hands free operation automatically starts when the sensor is triggered. The unit will stop operation as soon as hands move away. (Maximum drying time: 17 seconds).

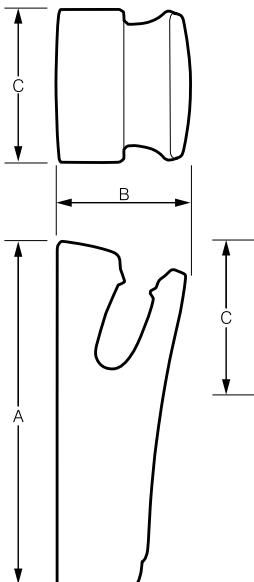
SPECIFICATIONS

MODEL NO.	FRONT FACE COLOUR	M ³ /HR	AVG. dB(A) @ 3M	RATED POWER	VOLTS	WEIGHT KG	IP RATING
RAPJET-S	SILVER	210	78	1400W	240V	8.5	IP22
RAPJET-W	WHITE	210	78	1400W	240V	8.5	IP22

DIMENSIONS

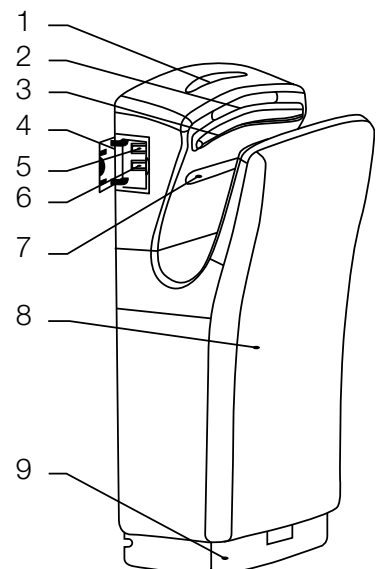
MODEL NO.	A	B	C
RAPJET-S	670	250	300
RAPJET-W	670	250	300

All dimensions in mm



COMPONENTS

1. Countdown Indicator
2. Sensor
3. Air Outlet
4. Side Window
5. Power Switch
6. Heat Switch
7. Lighting Screen
8. Front Cover
9. Excess Water Tray





RAPID DRY

HAND DRYER



The Rapid Dry is part of the smart hand dryer range from Fantech Trade. They are equipped with digital circuit controls and advanced infrared auto sensing technologies. These hand dryers require minimal maintenance and include a robust design that delivers reliable long term performance.

- Advanced infrared auto sensing technology.
- Hygienic hands free operation.
- Concentrated air flow for rapid drying times.
- Casing made from easy to clean 304 stainless steel.
- Water resistant design for a longer lifespan.
- Efficient motor for high performance and low power consumption.
- Plug and lead included as standard.
- Auto-reset internal thermal protection.
- Warm or cold air function.

ENERGY SAVING

The Rapid Dry features a unique high-speed motor that has low overall power consumption. It is fitted with a round nozzle for concentrated air flow and quick drying time. It can complete the drying process in half the time of a regular hand dryer with half the energy consumption.

SAFE

This smart hand dryer has multiple safety features that protect the unit against overheating and electrical surges. This extends the lifespan of the unit and keeps the user safe.

STRONG

The streamline shell is made from robust 304 grade stainless steel. This enclosed casing protects the technology within and is easy to maintain.

HYGIENIC

Its easy to clean design, no-touch operation and anti-bacterial filter makes the Rapid Dry perfect for areas with hygiene requirements.

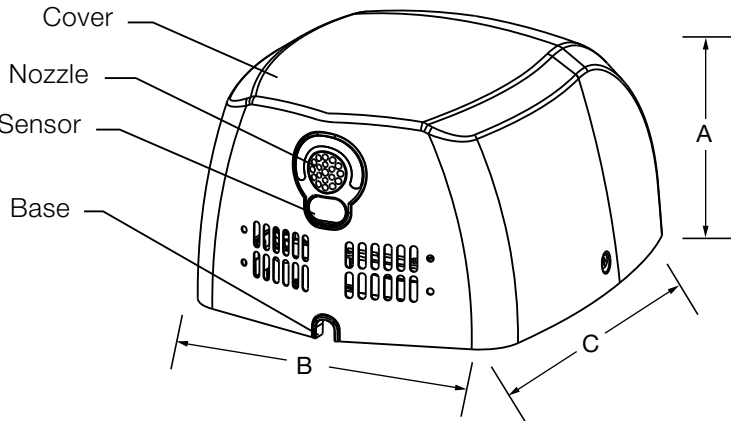




SMART

Accurate and reliable air control is a result of a built in smart microchip and advanced infrared technology. To use, simply bring hands within 10cm of the nozzle and the Rapid Dry will automatically start to blow warm air. Once your hands are dry, just move them away from the unit and operation will stop within one second.

COMPONENTS



DIMENSIONS

MODEL NO.	A	B	C
RAPDRY-SS	169	252	300

All dimensions in mm

SPECIFICATIONS

MODEL NO.	M³/HR	AVG dB(A) @3M	RATED POWER	VOLTS	FREQUENCY	WEIGHT KG	IP RATING
RAPDRY-SS	89	80	900W	240V	50Hz	3.4	IP22



Brushed Chrome



White

HAND DRYERS

POWERFUL
AIR FLOW

MADE
TOUGH

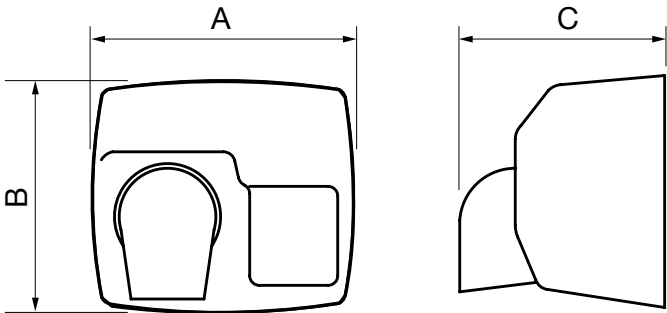
Available in white or brushed chrome, our automatic hand dryers provide a cost effective and hygienic means of no-touch hand drying. Suitable for public amenities, food prep areas, hospitals and schools.

- Available in white epoxy paint or brushed chrome finish.
- Automatic infrared on/off activation.
- 360° nozzle rotation to provide face or hand drying.
- Drying cycle of approximately 15 seconds.
- Self-resetting thermal overload protection.
- Automatic cut-off after 60 seconds of continuous use.

SPECIFICATIONS

MODEL NO.	M³/HR	L/SEC	FAN SPEED, RPM	AVG. dB(A) @1M	WATTS	VOLTS	HERTZ	WEIGHT KG
HHD2500RB	270	75	8300	74	2400	220-240	50	6.3
HHD2500RW	270	75	8300	74	2400	220-240	50	6.3

DIMENSIONS



MODEL NO.	STYLE	A	B	C
HHD2500RB	Brushed Chrome	270	240	212
HHD2500RW	White	270	240	212

All dimensions in mm

Vandal resistant,
robust heavy duty
steel casing.



Wall Mounted Switch

AIR CURTAINS

SINGLE PHASE



Designed to maximise the efficiency of a building by creating an invisible door of air that helps to retain a room's heating and cooling. It also prevents dust, fumes, odours and flying insects from entering a building.

- Can reduce a building's running costs.
- Adjustable air deflection vents.
- High/Low 2-speed operation caters for peak and off-peak traffic requirements.
- Motors have built-in thermal overload protection.
- Wall mounted switch included.
- Can be integrated into a Building Management System.

SPECIFICATIONS

MODEL NO.	VOLTS/HZ	SPEED	CURRENT A	EFFECTIVE DOOR HEIGHT M	VEL M/SEC	FAN SPEED, RPM	AVG. dB(A) @ 3M	WATTS	WEIGHT (KG)
AC1209WS	230/50	High	1.2	4.0	18	2500	57	276	12.4
		Low	0.956	3.0	15	2150	54	220	12.4
AC1212WS	230/50	High	1.391	4.0	18	2500	58	320	13.6
		Low	1.217	3.0	15	2150	55	280	13.6
AC1215WS	230/50	High	1.896	4.0	18	2500	57	436	17.6
		Low	1.522	3.0	15	2150	54	350	17.6

AIR VELOCITY & DOOR HEIGHT

Effective door height:

- High speed - up to 4.0m
- Low speed - up to 3.0m

High Speed: Suitable

for medium to large

doorways and entrances;

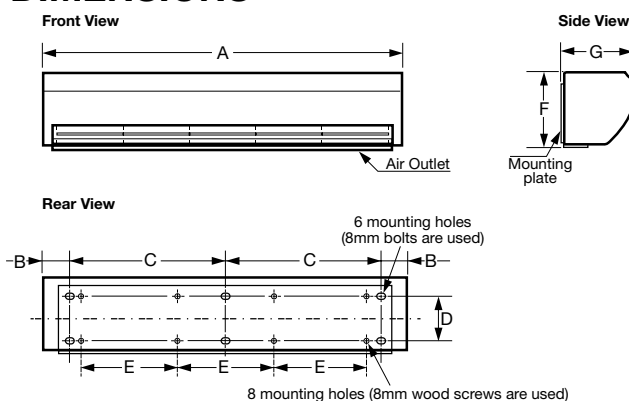
ie. supermarkets and shopping centres.

Low Speed: Suitable for standard doorways;

ie. shops, cafes and small food preparation areas.

Air Outlet	Low Speed m/s	High Speed m/s
1 metre	6	8
2 metre	3	4.8
3 metre	1.6	3.9
4 metre	1.4	3.2
5 metre	1	2.5

DIMENSIONS



MODEL NO.	A	B	C	D	E	F	G
AC1209WS	900	50	400	113	249	230	214
AC1212WS	1200	200	400	113	249	230	214
AC1215WS	1500	350	400	113	249	230	214

All dimensions in mm

Please note that these Air Curtains are recommended for dry, clean air environments only. For industrial applications or technical data contact your local Fantech Trade branch.



COMPACT 2000

SQUARE PLATE AXIAL SERIES

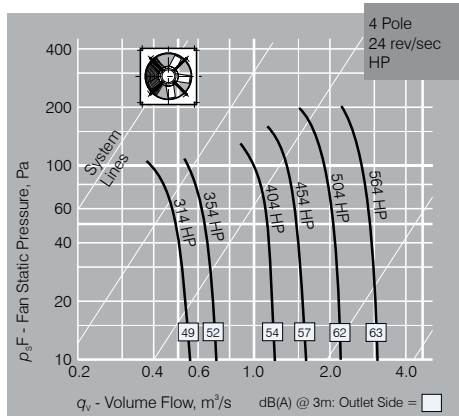
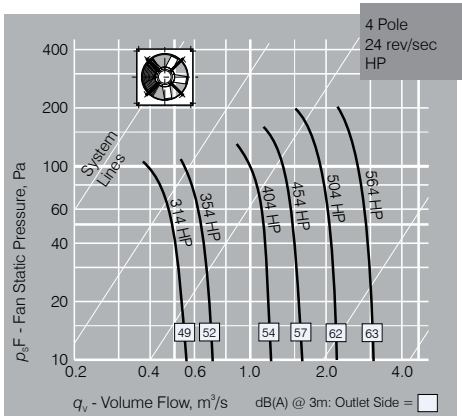
IP55

**POWERFUL
AIR FLOW**

The Compact 2000 Series is a high quality and robust axial fan range that is suitable for a wide range of commercial and industrial applications. It can be speed controlled to better manage energy consumption.

- Single phase models only can be speed controlled.
- Robust galvanised steel construction.
- Inlet guard is incorporated as standard.
- Capable of operating across a wide temperature range.
- To make installation easy, a flying lead with junction box and 20mm Ø flexible conduit is fitted.
- Finished in durable polyester epoxy paint.
- Can be mounted in any position.

Contact your local Fantech Trade branch for more information.

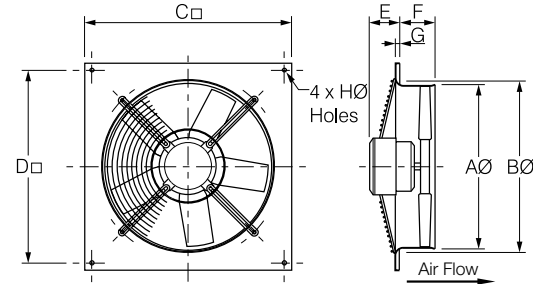


WALL & CEILING MOUNTED FANS

ACCESSORIES

- Electronic Speed Controller (VA5.0 - for single phase only).
- Rear Finger Guards (DG..).
- Backdraft Shutter (WSK..).

DIMENSIONS



NOTE: Flying lead fitted as standard with Ø20 flexible conduit

MODEL NO.	AØ	BØ	C	D	E	F	G	HØ	WEIGHT KG
CPD0254F, CPE0254F	263	285	370	320	98	74	15	6	5.5
CPD0314F, CPE0314F	325	330	430	380	95	85	10	9	10
CPD0354F, CPE0354F	360	370	485	435	95	85	10	9	10
CPD0404F, CPE0404F	410	420	540	490	95	95	12	9	15
CPD0454F, CPE0454F	460	470	575	535	95	95	12	11	17

'CPD' denotes three phase models 'CPE' denotes single phase models
All dimensions in mm

SPECIFICATIONS

MODEL NO. CP..	NOM. SPEED REV/SEC	AIR FLOW M ³ /SEC†	AVG. dB(A) @3M	CPE.. 1 PH		CPD..3 PH.		MAX. AMB °C
				KW	AMPS*	KW	AMPS*	
0254F	23	0.27	42	0.09	0.90	0.12	0.50	70^
0314F	23	0.62	45	0.09	0.90	0.12	0.50	70^
0314FHP	23	0.56	49	0.09	0.90	0.12	0.50	70^
0354F	23	0.93	49	0.09	0.90	0.12	0.50	70^
0354FHP	23	0.72	52	0.09	0.90	0.12	0.50	70^
0404F	23	1.42	52	0.25	1.80	0.37	1.40	70^
0404FHP	23	1.21	54	0.25	1.80	0.37	1.40	70^
0454F	23	1.65	54	0.25	1.80	0.37	1.40	70^
0454FHP	23	1.59	57	0.25	1.80	0.37	1.40	70^

* Amperages shown are a guide only, refer to our Sales Department for accurate figures at time of order.
(Electrical data in bold type refers to fans that are fitted with 2-speed star/delta motors as standard).

High speed data shown.

^ Maximum ambient is 40°C when being speed controlled.

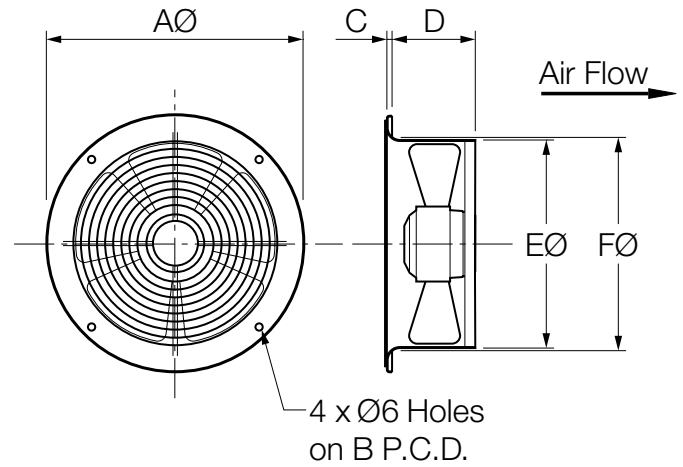
HP - High Performance model.

† Air flow without duct and fittings.

ACCESSORIES

- Run-on Timers & Speed Controllers.
- Flexible Duct - Fire Rated AS/NZS 4254.
- Wall Tubes.
- External Grilles.

DIMENSIONS



MODEL NO.	DUCT SIZE	AØ	B	C	D	EØ	FØ
RP202/204	200	280	250	5	95	208	215
RP252/254	250	320	295	7	103	259	266
RP302/304/306	300	395	375	7	113	310	318
RP354/356	350	460	422	7	123	360	375

All dimensions in mm

SPECIFICATIONS

MODEL NO.	M ³ /HR [†]	AIR FLOW L/SEC [†]	FAN SPEED REV/SEC	AVG. dB(A) @ 3M	RP.. 1 PH				MAX. °C
					WATTS	AMPS*	VOLTS	HZ	
RP202	792	220	43	52	70	0.36	220-240	50	50
RP204	468	130	24	39	30	0.14	220-240	50	60
RP252	1620	450	42	51	110	0.63	220-240	50	50
RP254	1008	280	23	40	60	0.28	220-240	50	60
RP302	2376	660	41	62	180	0.79	220-240	50	50
RP304	1728	480	22	47	90	0.41	220-240	50	50
RP306	1296	360	16	37	50	0.23	220-240	50	50
RP354	2628	730	20	49	140	0.68	220-240	50	50
RP356	2340	650	16	40	110	0.48	220-240	50	50

[†] Air flow without duct and fittings

* Amperages shown are a guide only. Refer to our Sales Department for accurate figures at time of order.

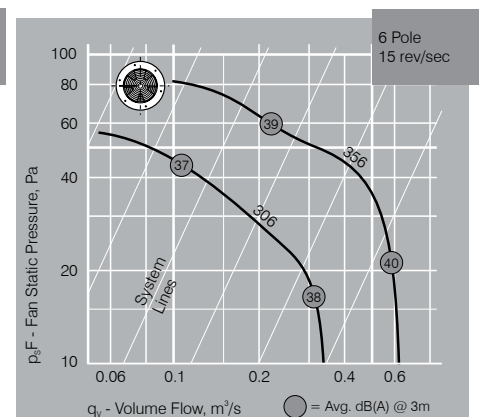
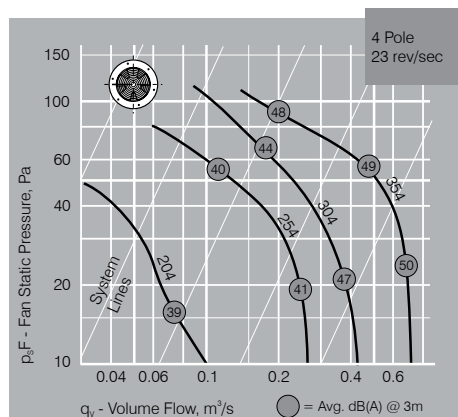
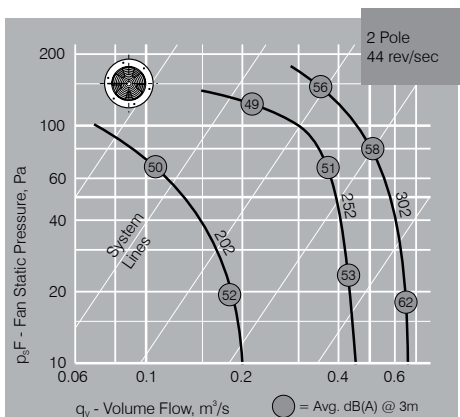
RING PLATE

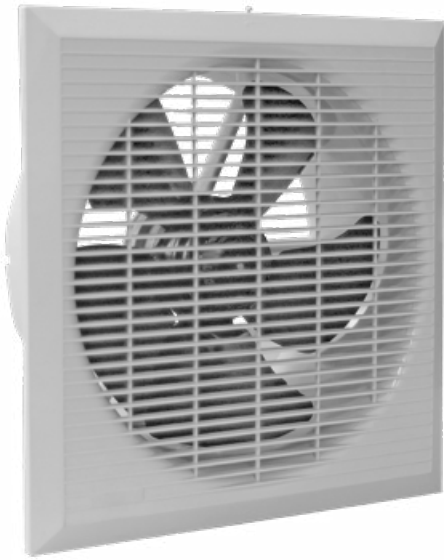
WALL & CEILING MOUNTED FANS



The Ring Plate Axial Fans are suitable for wall or ceiling mounting and feature a high quality galvanised steel casing, grille and impeller. Their robust construction makes them suitable for a broad range of commercial and industrial applications.

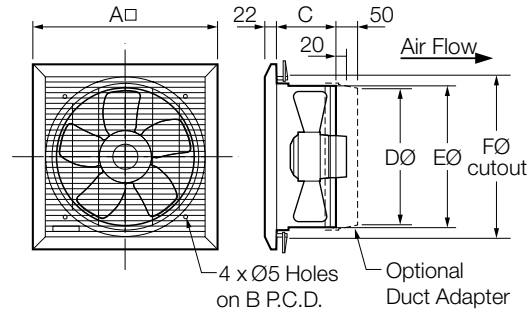
- Powerful air flow and pressure performance.
- High quality Continuous Run motor.
- Can be connected to ducting.
- Speed-controllable.
- Auto-reset thermal cut out protection fitted.
- Sealed for life ball bearings.





- Run-on Timers & Speed Controllers.
- Flexible Duct - Fire Rated AS/NZS 4254.
- Wall Tubes
- External Grilles.

DIMENSIONS



MODEL NO.	A	B	C	D	E	F
VCW202, VCW204	295	268	100	197	208	255
VCW254	347	320	110	247	259	305
VCW302, VCW304, VCW306	398	371	115	297	310	355

All dimensions in mm

SPECIFICATIONS

MODEL NO. VCW..	M ³ /HR [†]	L/SEC [†]	FAN SPEED REV/SEC	AVG. dB(A) @ 3M	VCW.. 1 PH				MAX. °C
					WATTS	AMPS*	VOLTS	HZ	
202	792	220	43	52	70	0.36	220-240	50	50
204	468	130	24	39	30	0.14	220-240	50	60
254	1008	280	23	40	60	0.28	220-240	50	60
302	2376	660	41	62	180	0.79	220-240	50	50
304	1728	480	22	47	90	0.41	220-240	50	50
306	1296	359	16	37	50	0.23	220-240	50	50

[†] Air flow without duct and fittings

* Amperages shown are a guide only.

Refer to our Sales Department for accurate figures at time of order.

OPTIONAL DUCT ADAPTER

The optional Vogue duct adapter allows standard sized duct to be easily fitted to the fan. It simply slides onto the fans' spigot and is secured with duct tape. Made from durable ABS plastic.



MODEL NO.	DUCT DIAMETER	VOGUE (TO SUIT FAN SELECTED)
VCW20DA	200	VCW202, VCW204
VCW25DA	250	VCW254
VCW30DA	300	VCW302, VCW304, VCW306

VOGUE

WALL & CEILING MOUNTED FANS

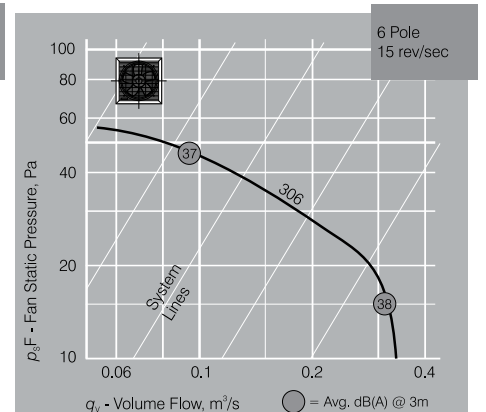
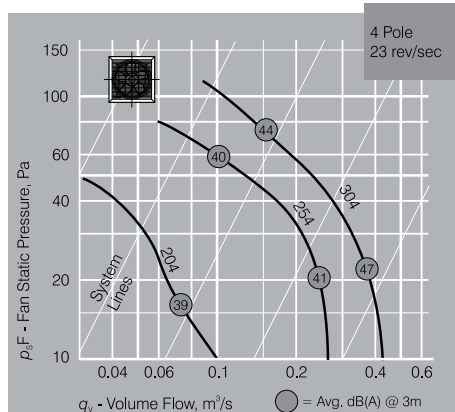
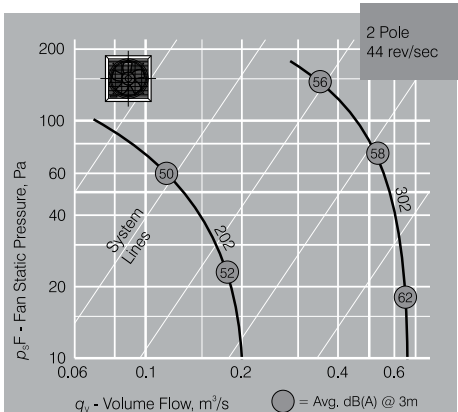
IP44

POWERFUL
AIR FLOW

The Vogue series of modern ceiling/wall mounted fans include quick fitting swing locks that make it easy to install in suspended ceilings or plasterboard walls and ceilings. The grille is made from durable ABS plastic and impellers are of galvanised steel.

- Contemporary flush to ceiling design.
- Grille can be easily removed for cleaning.
- Speed-controllable.
- Fitted with a standard 240V plug and lead.
- Auto-reset thermal cut out protection fitted.
- Sealed for life ball bearings.
- High quality single-phase 'Continuous Run' motor.
- Model with reverse air flow available.

ACCESSORIES





Metal construction model (MTS)



Plastic construction model (MTP)

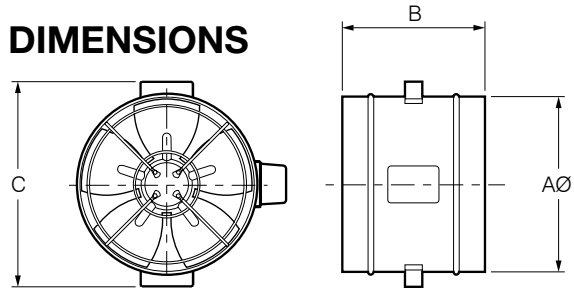


A light-weight yet robust in-line fan available with either plastic or steel casing.

ACCESSORIES

- VA2.0 Speed Controller.
- Flexible Duct - Fire Rated AS/NZS 4254.
- Backdraft Dampers.
- Internal & External Grilles.

DIMENSIONS



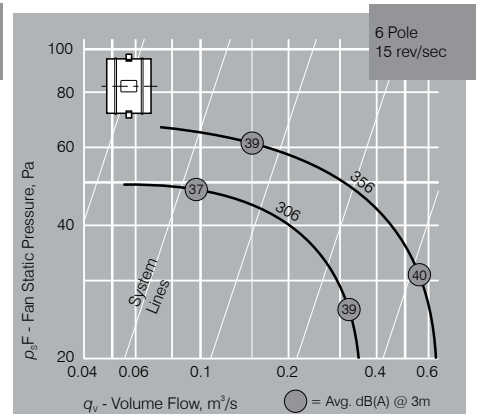
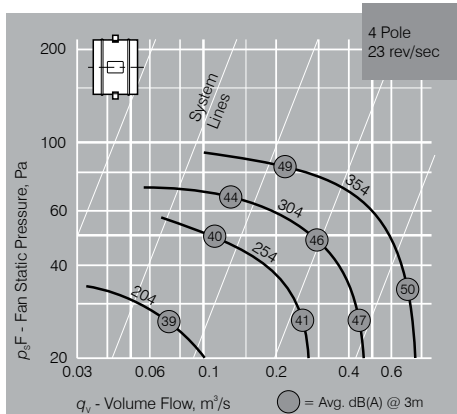
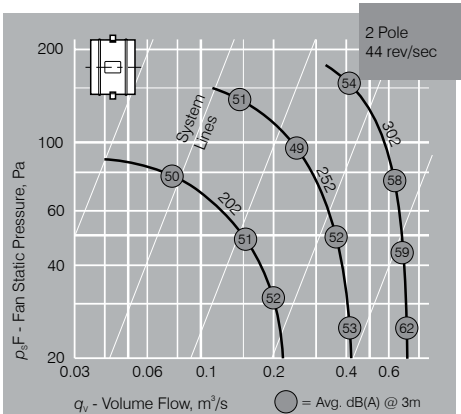
MODEL NO.	AØ	B	C	WEIGHT KG
MTP202, MTP204	197	250	270	2.1
MTS202, MTS204	206	250	236	3.5
MTP252, MTP254	247	250	320	2.7
MTS252, MTS254	260	250	296	4.0
MTP302, MTP304, MTP306	297	250	370	3.5
MTS302, MTS304, MTS306	311	250	346	4.8
MTS354, MTS356	363	250	405	5.1

MTP denotes ABS injection moulded plastic casing
MTS denotes powered coated steel casing
All dimensions in mm

SPECIFICATIONS

MODEL NO. MT...	IMPELLER MATERIAL	FAN SPEED REV/SEC	AVG. dB(A) @ 3M	MTP/S.. 1 PH. WATTS	AMPS*	MAX. °C
P/S202	Plastic	43	52	70	0.36	50
P/S204	Plastic	24	39	30	0.14	60
P/S252	Powder coated steel	42	51	110	0.63	50
P/S254	Powder coated steel	23	40	60	0.28	60
P/S302	Powder coated steel	41	62	180	0.79	50
P/S304	Powder coated steel	22	47	90	0.41	50
P/S306	Powder coated steel	16	37	50	0.23	50
S354	Powder coated steel	20	49	140	0.68	50
S356	Powder coated steel	16	40	110	0.48	50

* Amperages shown are a guide only. Refer to our Sales Department for accurate figures at time of order.





SHORT CASE

IN-LINE DUCT MOUNTED FANS

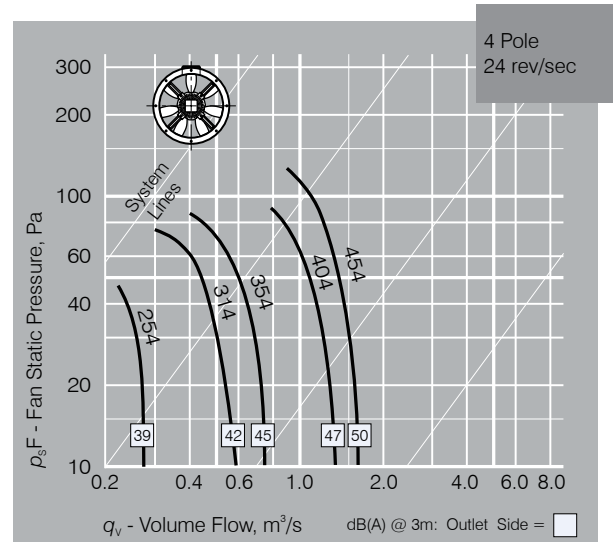
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**POWERFUL
AIR FLOW**

The Short Case Axial Series has a light-weight, but robust construction and is designed for exhaust and supply air ducted systems in commercial and industrial applications.

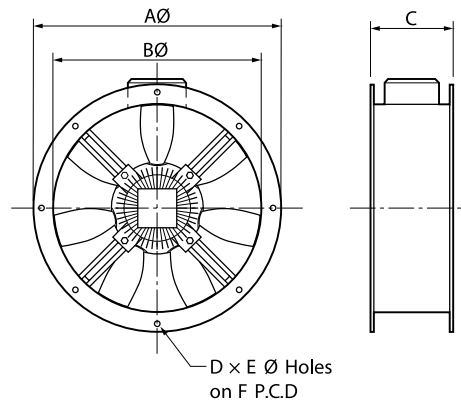
- Compact, short cased design.
- Light-weight but robust construction.
- An electrical junction box is fitted as standard.
- Capable of operating in ambient temperatures ranging from -20°C to +70°C.
- Can be mounted in any position.
- Available in single and three phase.

ACCESSORIES

- Mounting Feet (CFT..).
- Inlet Cones (CIC..S).
- Matching Flanges (CMF..).
- Finger Guards (DG..).
- Electronic Speed Controller
- VA2.8 (for single phase only).



DIMENSIONS



MODEL NO.	AØ	BØ*	C	D	EØ	F	WEIGHT KG
SCD254, SCE254	305	250	180	8	7	285	8
SCD314, SCE314	382	315	180	8	9.5	356	8.5
SCD354, SCE354	421	350	180	8	9.5	395	9
SCD404, SCE404	466	400	190	12	9.5	438	12
SCD454, SCE454	515	450	190	12	9.5	487	14

* Dimension BØ is internal for the casing
 'SCD' denotes three phase, 'SCE' denotes single phase.
 All dimensions in mm

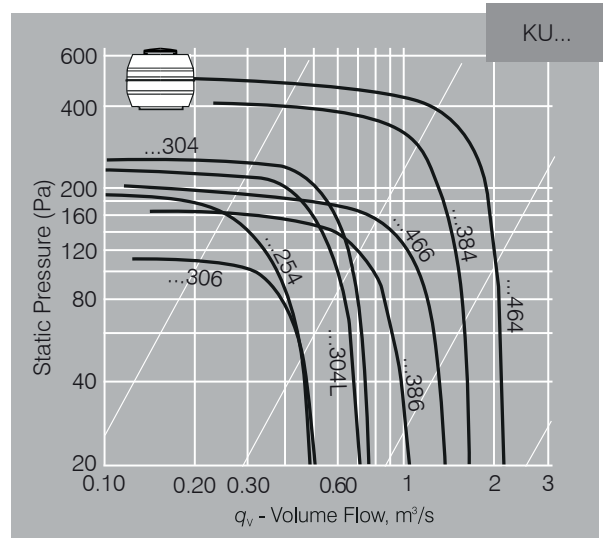
SPECIFICATIONS

MODEL NO.	FAN SPEED	AVG. dB(A) @ 3M	SCE.. 1 PH.				SCD.. 3 PH.			
SCD.. SCE..	M³/HR L/SEC	REV/ SEC	KW	AMPS	VOLTS	HZ	KW	AMPS	VOLTS	HZ
254	983 273	23	39	0.09	0.90	230 50	0.12	0.50	415	50
314	2099 583	23	42	0.09	0.90	230 50	0.12	0.50	415	50
314HP	1958 544	23	49	0.09	0.90	230 50	0.12	0.50	415	50
354	2686 746	23	45	0.09	0.90	230 50	0.12	0.50	415	50
354HP	2513 698	23	52	0.09	0.90	230 50	0.12	0.50	415	50
404	4777 1327	23	47	0.25	1.80	230 50	0.37	1.40	415	50
404HP	4324 1201	23	54	0.25	1.80	230 50	0.37	1.40	415	50
454	5789 1608	23	50	0.25	1.80	230 50	0.37	1.40	415	50
454HP	5695 1582	23	57	0.25	1.80	230 50	0.37	1.40	415	50

Electrical data in **bold** type denotes 2-speed star/delta motors are fitted.
 Amperages shown are a guide only. Refer to our Sales Department for accurate figures at time of order.

When being speed controlled the ambient must not exceed 50°C.

Contact your local Fantech Trade branch for more information.



SYSTEMAIRE

KITCHEN EXHAUST FANS

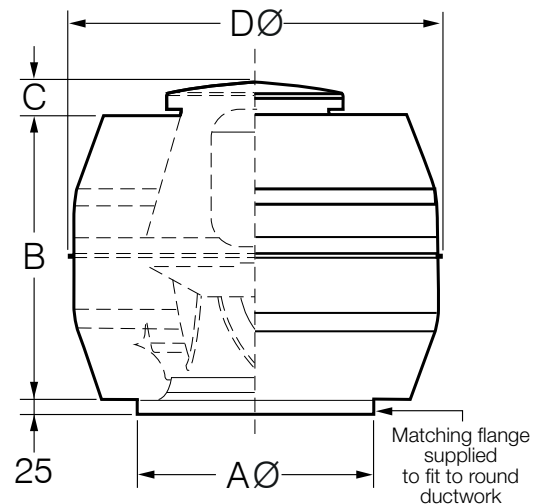


Systemaire commercial kitchen exhaust fans provide powerful performance, energy efficiency and quiet operation. They have been designed and tested by our own Fantech engineering team and have proven to be up to 9dB(A) quieter, and produce up to 35% more air flow than other equivalent kitchen exhaust fans.

These high performance kitchen exhaust fans are available in 250, 300, 380 and 460mm fan inlet sizes.

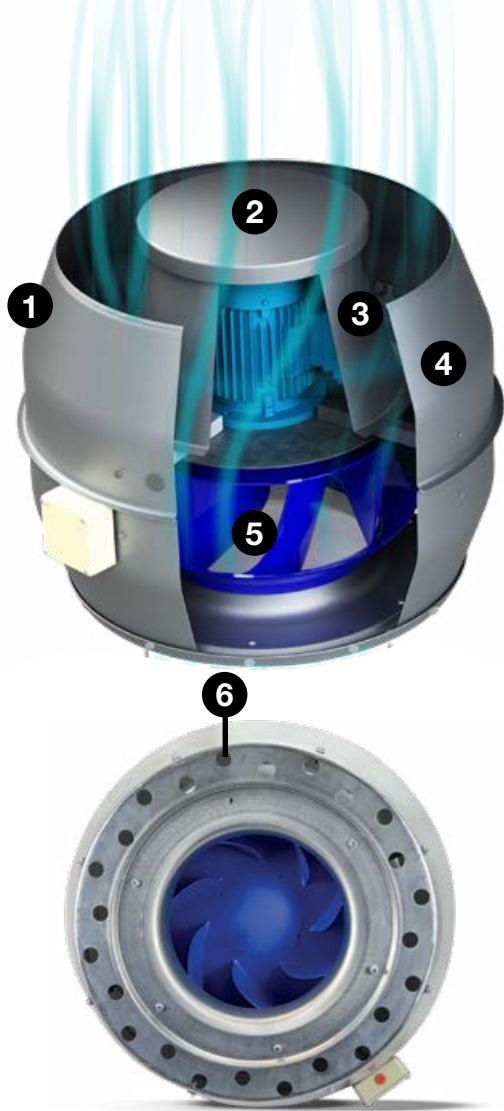
- Can produce up to 88% more pressure and be up to 9dB(A) quieter than equivalent kitchen exhaust fans currently on the market.
- Greater number of drainage holes included around base to prevent water build-up.
- Lightweight design for easier handling and installation.
- Supplied with matching flange for quick installation to suit standard round Spiro duct.
- Can be used with smaller duct sizes as the fan can handle high pressure levels.
- Designed to handle clean air, grease laden air, toxic and noxious gases.
- Advanced mixed flow impeller design provides high air flow performance with low noise levels.
- Designed for small to medium sized commercial kitchens in restaurants, cafés and take away food outlets.

DIMENSIONS



MODEL NO.	A	B	C	D	APPROX. WEIGHT KG*
KU_25	260	443	53	580	14
KU_30.L	312	443	53	580	14
KU_30	312	554	16	730	22
KU_38	384	554	39	730	27
KU_46	464	554	64	730	30

Dimensions in mm
* Unit weights depend on the make of motor used. If critical this should be referred to our sales department at time of order.



COMPONENTS

- 1 Aerodynamic shaped cowl for smoother air flow, reduced turbulence and increased fan performance.
- 2 Weather and contaminant proof enclosure for maximum motor protection.
- 3 Smaller exhaust opening than traditional kitchen exhausts fans reduces exposure to rain.
- 4 Removable wind band for easy cleaning and maintenance.
- 5 High performance mixed flow impeller provides quieter operation with better air flow and higher pressure development.
- 6 Greater number of drainage holes included around base to prevent water build up.

SPECIFICATIONS

MODEL NO.	M³/HR*	L/SEC*	FAN SPEED REV/SEC	Phase	KW	AMPS	AVG. dB(A) @3M	
							INLET SOUND	OUTLET SOUND
KUD254	1728	480	24	Three	0.25	0.75	44	48
KUE254	1728	480	24	Single	0.18	1.4	47	51
KUD304L	2520	700	24	Three	0.25	0.75	46	50
KUE304L	2520	700	24	Single	0.18	1.4	45	49
KUD304	2880	800	24	Three	0.25	0.75	44	48
KUD306	1800	500	16	Three	0.25	1.32	34	38
KUE304	2880	800	24	Single	0.18	1.4	45	50
KUE306	1800	500	16	Single	0.25	2.5	36	40
KUD384	5940	1640	24	Three	0.75	1.94	51	56
KUD386	3600	1000	16	Three	0.37	1.32	41	45
KUE384	5940	1640	24	Single	0.75	4.8	50	54
KUE386	3600	1000	16	Single	0.37	2.5	40	44
KUD464	8100	2250	24	Three	1.1	2.57	54	60
KUD466	4788	1330	16	Three	0.37	1.32	42	48
KUE464	8100	2250	24	Single	1.1	6.6	53	59
KUE466	4788	1330	16	Single	0.37	2.5	43	49

* Air flows are approximate only and based on 30 Pa static pressure.

CONTROLS

FOR SYSTEMAIRE KITCHEN EXHAUST FANS

VARIABLE SPEED DRIVES

DANFOSS VLT - HVAC FC 131



The VLT - HVAC FC 131 is a dedicated drive that is easy to install, and features a trouble-free set up which ensures it is fast and efficient to commission. It incorporates a highly effective heat management system that makes it ideal for demanding environments and where drive space is restricted.

FEATURES

- User friendly interface with start-up wizard for quick and easy configuration.
- Integrated fan / pump control for a more efficient startup.
- Built-in PI controller for smooth variable speed control.
- Fire mode for continuous vital fan operation regardless of control signals, warnings or alarms.
- Built-in RFI filters to remove electromagnetic interference and lower harmonic levels.
- DC choke to mitigate harmonics and balance voltage drops and spikes.
- Thermistor input to prevent motors from overheating.
- IP54 class protection enclosure.
- Up to 50C ambient temperature with derating.

DANFOSS VLT - MICRO FC 51



The VLT - Micro FC 51 drive has been designed for applications where simplicity and efficiency are key requirements. The compact size of the enclosure with forced cooled heat sink allows the drive to be installed into confined spaces.

FEATURES

- Interface with start-up wizard for quick and easy configuration.
- EMC filters to remove electromagnetic interference and lower harmonic levels.
- Available as IP20 (with optional IP21 kit).
- Optional 1ph input to 3 phase output (0.18 - 2.2kW).

WALL PLATE SPEED CONTROLLERS



2-speed rotary switch
(TSS1-15).
Use with VSD,
415V, 3PH units



0-10V speed controller
(DCV-POT10K-WM)
Use with VSD,
415V, 3PH units



Variable speed controller
(VA2.0, VA5.0, VA8.0 for
240V, 1PH, 4 pole units)



MINIVENT

ROOF MOUNTED FANS

IP44

**POWERFUL
AIR FLOW**

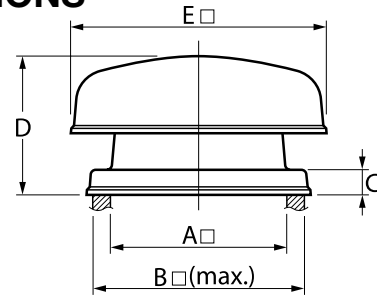
The Minivent Series of axial roof units has been designed for use in a wide range of free intake or duct mounted, domestic and commercial applications. They can be speed controlled and are available in 6 sizes ranging from 112 to 350mm diameter.

- Robust, lightweight construction.
- Wide choice of speeds for most sizes.
- All motors are speed controllable.
- Can be used in ducted systems.
- Can be mounted at angles up to 30°.
- Backdraft shutters can be fitted to fans 250 to 350mm diameter.
- Single phase, 240V only.

ACCESSORIES

- Run-on Timers & Speed Controllers.
- Flexible Duct - Fire Rated AS/NZS 4254.
- A range of upstands are available. For information on suitable upstands contact your local Fantech Trade branch.

DIMENSIONS



MODEL NO.	A □	B □	C	D	E □	WEIGHT KG
MV112E	210	260	30	200	310	1.3
MV132E						1.9
MV202E						4.6
MV204E	350	410	55	350	570	4.5
MV252E						5.9
MV254E						6.1
MV302E						6.9
MV304E	350	410	55	350	570	6.5
MV306E						6.5
MV354E	400	500	95	380	670	8.5
MV356E						8.5

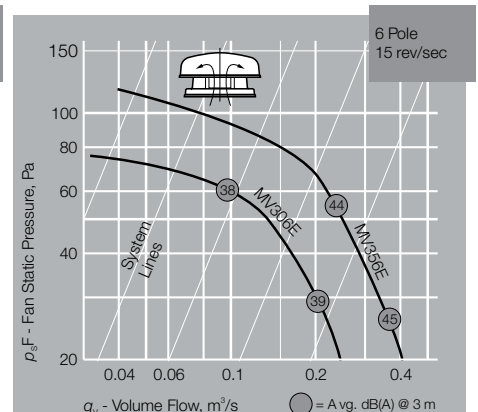
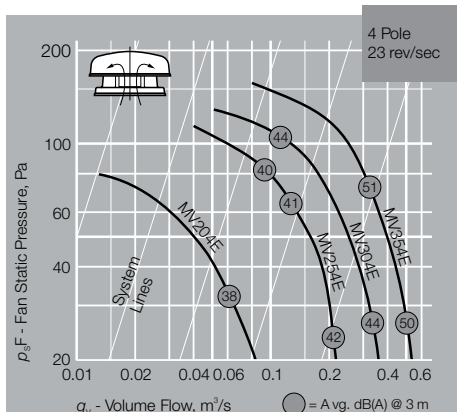
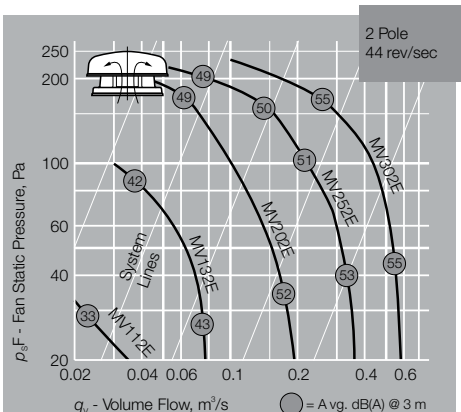
All dimensions in mm

SPECIFICATIONS

MODEL NO. MV...	M ³ /HR	L/SEC	FAN SPEED REV/SEC	AVG. dB(A) @ 3M	SINGLE PHASE		MAX. °C
					WATTS	AMPS*	
112	122	34	44	33	22	0.11	50
132	270	75	46	43	46	0.25	50
202	688	191	43	52	70	0.36	50
204	299	83	24	38	30	0.14	60
252	1274	354	42	51	110	0.63	50
254	785	218	23	42	60	0.18	60
302	2066	574	41	55	180	0.79	50
304	1303	362	22	44	90	0.41	50
306	882	245	16	39	50	0.23	50
354	1901	528	20	50	140	0.68	50
356	1472	409	16	45	110	0.48	50

*Amperages shown are a guide only.

Refer to our Sales Department for accurate figures at time of order.





GAMMA

VERTICAL DISCHARGE

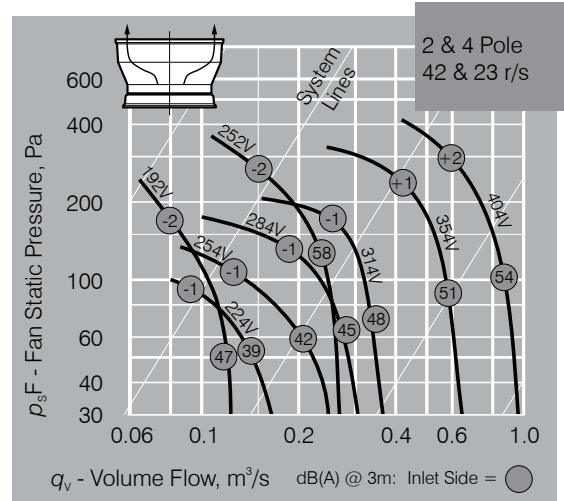


The Gamma Series of centrifugal roof units has been designed for use in commercial ducted exhaust applications. Models CE284V and larger are fitted with bird mesh to prevent the entry of birds and vermin into the ducting or building.

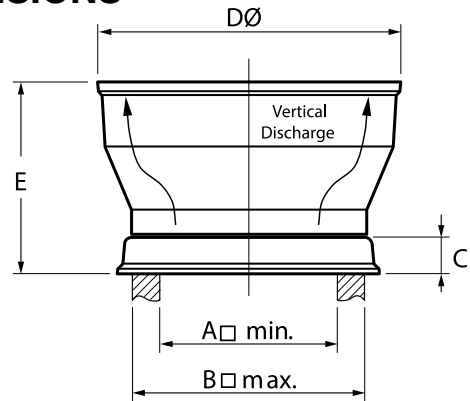
- Robust, lightweight construction.
- Cowls are U.V. stabilised.
- Compact, low profile design.
- Can be used in ducted systems.
- Can be mounted at angles up to 30°.
- Single phase, 240V only.

ACCESSORIES

- Run-on Timers & Speed Controllers.
- A range of upstands are available. For information on suitable upstands contact your local Fantech Trade branch.



DIMENSIONS



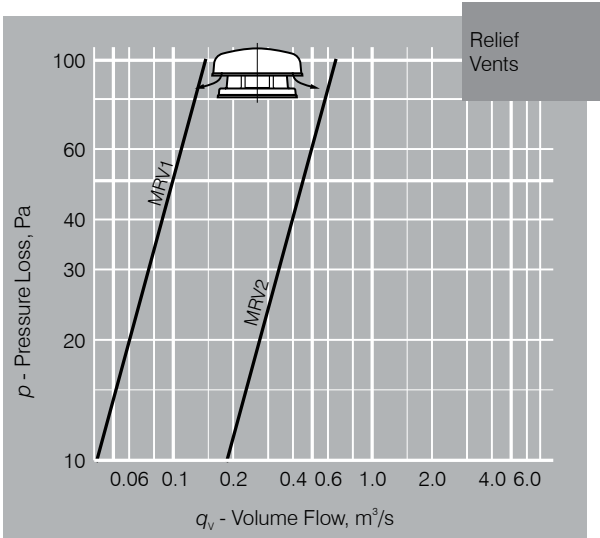
MODEL NO.	A □	B □	C	DØ	E	WEIGHT KG
CE192V						
CE224V	260	310	50	430	244	4
CE252V						
CE254V						
CE284V	310	410	75	500	334	8
CE314V						
CE354V	400	500	75	640	417	18
CE404V						

All dimensions in mm

SPECIFICATIONS

MODEL NO.	M³/HR	L/SEC	NOM. SPEED R/S	AVG. dB(A) @ 3M (INLET)		CE..1 PH.*	
				LOW AIR FLOW	HIGH AIR FLOW	KW	AMPS
CE192V	443	123	42	45	47	0.07	0.30
CE224V	594	165	23	38	39	0.05	0.26
CE252V	972	270	42	56	58	0.19	0.83
CE254V	893	248	23	41	42	0.08	0.37
CE284V	1080	300	23	44	45	0.09	0.40
CE314V	1314	365	23	47	48	0.15	0.66
CE354V	2311	642	23	52	51	0.28	1.25
CE404V	3460	961	23	56	54	0.49	2.20

*Amperages shown are a guide only, refer to our Sales Department for accurate figures at time of order.



ALPHA

RELIEF AIR VENTS



The Alpha Relief Air Vents have been designed to control air pressure within buildings. They may also be used in a ducted system where the fan is mounted remotely to the cowl. Fitted with bird mesh to eliminate the risk of debris and birds entering the building.

- Lightweight, corrosion-proof construction.
- Can also be used as air intake units.
- Protective bird mesh guards are fitted as standard.
- Base and cowl made of U.V. stabilised plastic.
- Designed for curb mounting.
- Can be mounted at angles up to 30°.

TYPICAL APPLICATION

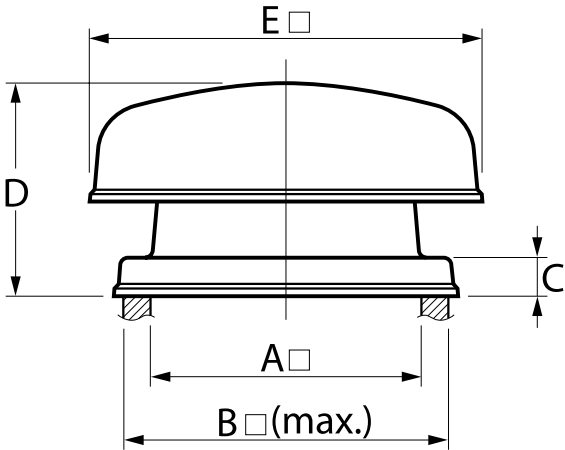
Exhausting clean air and a range of toxic, noxious and corrosive gases from a wide range of commercial and industrial applications.

ACCESSORIES

- A range of upstands are available. For information on suitable upstands contact your local Fantech Trade branch.

May be used as the air intake and discharge point where the fan is mounted remotely.

DIMENSIONS & SPECIFICATIONS



MODEL NO.	A	B	C	D	E	APP. WEIGHT KG	APP. VOL. M³	MIN. FREE AREA M²
MRV1	210	260	30	200	310	1.0	0.02	0.017
MRV2	350	410	55	350	570	3.0	0.14	0.073

All dimensions in mm



HUNTER HVLS & COMMERCIAL SWEEP FANS

The Hunter range of innovative, direct-drive HVLS fans thoroughly mix the air within an indoor space to eliminate uneven temperatures and provide cooling effect. They utilise blade designs that maximise efficiency across the entire range of impeller sizes. The advanced blade deliver high air flow rates whilst minimising power consumption.

Hunter HVLS fans feature a contemporary design, a time-saving plug-n-play system for quick installation, and are suitable for warehouses gymnasiums, school halls and commercial facilities.





Hunter Titan HVLS Fan

Hunter ECO HVLS Fan

HUNTER TITAN/ECO

HVLS (HIGH VOLUME LOW SPEED) FANS



The Hunter range of innovative, direct-drive HVLS fans use a unique aerofoil blade design with twist profile that maximises efficiency across the entire range. This advanced blade design delivers a higher volumetric flow rate whilst minimising power consumption. Its high performance direct drive motor helps to minimise energy usage and reduce the fan's overall weight.

- Energy efficient and compact direct drive, permanent magnet motor that has been specifically designed for Hunter HVLS fans.
- Time saving plug-n-play system includes pre-installed bolts, pre-wired drop tube, pre-aligned mounting brackets and I-beam clamp.
- Whisper quiet gearless operation.
- Aircraft grade aluminium blades are formed with a unique twist profile to maximise air flow and minimise noise levels.
- Easy to use controller.

- Comes with pre-configured VSD with simple push and turn plugs to connect motor and touch screen.
- Built tough with a sleek and simple design that will complement any showroom, sports centre or warehouse.
- **Hunter Titan** 5 blade configuration - 5 sizes from 4.2 (14') to 7.3 (24') metres.
- **Hunter Eco** 4 blade configuration- 8 sizes from 2.4 (8') to 7.3 (24') metres.

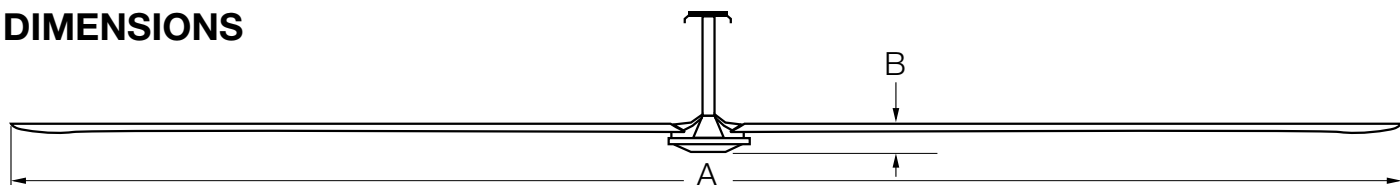
See page 101 for Technical Data

Minimum 3m clearance required from floor to fan.

*Conditions apply. For details visit: fantechtrade.com.au/warranty



DIMENSIONS



MODEL NO.	A	B
HUNTER2-TITAN14	4200	178
HUNTER2-TITAN16	4800	178
HUNTER2-TITAN18	5500	178
HUNTER2-TITAN20	6100	178
HUNTER2-TITAN24	7300	178

All dimensions in mm.
Adjustable downrod options available in 3 sizes from 0.76 to 3.04 metres.

MODEL NO.	A	B
HUNTER2-ECO08	2400	178
HUNTER2-ECO10	3000	178
HUNTER2-ECO12	3600	178
HUNTER2-ECO14	4200	178
HUNTER2-ECO16	4800	178
HUNTER2-ECO18	5500	178
HUNTER2-ECO20	6100	178
HUNTER2-ECO24	7300	178

All dimensions in mm.
Adjustable downrod options available in 3 sizes from 0.76 to 3.04 metres.



ALL-IN-ONE ADJUSTABLE DOWNROD

The Hunter fans feature an all-in-one adjustable downrod to reduce installation time.

- Pre-wired with power and safety cable.
- Comes with guide-wires for extra stability.
- Integrated motor mounting plate.
- Quick connect clamping system that eliminates the need to drill holes in the building's I-beam.

CONTROLLERS TO SUIT HUNTER TITAN, ECO AND RM HVLS FANS

These touchscreen controllers are used with the Hunter Titan, Eco and RM HVLS fans and designed to manage from one Hunter HVLS fan to a large system with multiple fans and sensors. The control system takes advantage of the latest digital technology to ensure it can be tailored to suit the requirements of almost any high ceiling application.

Optional BMS BACnet gateway modules are also available.

700E SERIES TOUCHSCREEN CONTROLLER

- Controls up to 30 fans.
- Fan grouping, program scheduling, fan and group naming, password protection.
- Intuitive graphic user interface.
- Fan diagnostics on screen.
- Speed control in forward and reverse.
- Includes two temperature & humidity sensors.

500 SERIES TOUCHSCREEN CONTROLLER

- Controls up to 30 fans.
- Fan grouping, program scheduling, fan and group naming, password protection.
- Intuitive graphic user interface.
- Fan diagnostics on screen.
- Speed control in forward and reverse.

350 SERIES TOUCHSCREEN CONTROLLER

- Controls up to 10 fans as one group.
- Intuitive graphic user interface.
- Fan diagnostics on screen.
- Speed control in forward and reverse.



HUNTER RM SERIES

HVLS (HIGH VOLUME LOW SPEED) FANS

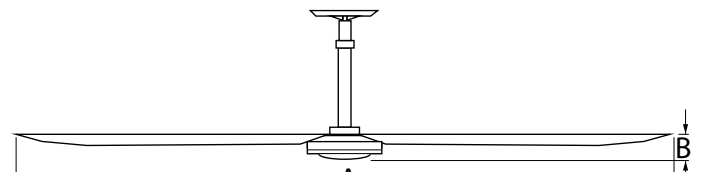


The Hunter RM series of HVLS fans are specially designed for hassle-free and cost saving installations. Engineered with a direct drive motor and single phase input, the RM comes with a pre-wired drop tube that uses a self-levelling and a quick connect mounting system. It suits large indoor facilities such as warehouses, workshops, gymnasiums and public recreation facilities where generating air movement is essential for improving comfort.

- Available in 4 sizes, 2400, 3000, 3600 & 4200mm diameter.
- Energy efficient and compact, single phase direct drive permanent magnet motor.
- Blades are formed with a unique twist profile for each individual fan size to maximise air flow and minimise noise levels.
- Time saving plug-n-play system includes pre-installed bolts, and pre-wired rigid drop tube.
- Highly efficient 4 blade configuration.
- Comes with a pre-configured proprietary VSD.
- Powder coated steel rigid drop tube with mounting bracket. Extruded blades and motor hub are made from aluminium.

See page 99 for controllers.

DIMENSIONS



MODEL NO.	A	B
HUNTER2-RM08-1PH	2400	127
HUNTER2-RM10-1PH	3000	127
HUNTER2-RM12-1PH	3600	127
HUNTER2-RM14-1PH	4200	127

All dimensions in mm
Downrods available in 61cm, 90 cm and 121cm sizes.

HUNTER RM SERIES RIGID DOWNROD

Rigid all-in-one, pre-wired downrod reduces installation time with a quick connect clamping plate.



- Pre-wired with power and safety cable.
- No guide wires required.
- Integrated motor mounting plate.
- Self-levelling mount bracket is locked into place once set.




*Conditions apply. For details visit: fantechtrade.com.au/warranty

SELECTING YOUR HVLS FAN

// COMMERCIAL RANGE

MODEL		SIZES	POWER	SUITABLE CEILING HEIGHT	GUIDE WIRES
HUNTER TITAN Premium Industrial Fan		4.2m, 4.8m, 5.5m, 6.1m, 7.3m	3 Phase	10m+	Yes
HUNTER ECO Industrial Fan		2.4m, 3m, 3.6m, 4.2m, 4.8m, 5.5m, 6.1m, 7.3m	3 Phase	<10m	Yes

HUNTER RM SERIES Premium Commercial Fan		2.4m, 3m, 3.6m, 4.2m	1 Phase	<8m	No
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HUNTER TITAN					
MODEL NO.	HUNTER2-TITAN14	HUNTER2-TITAN16	HUNTER2-TITAN18	HUNTER2-TITAN20	HUNTER2-TITAN24
FAN DIAMETER	4.2m	4.8m	5.5m	6.1m	7.3m
SUPPLY	3PH				
MOTOR POWER	0.56 kW	0.75 kW	0.75 kW	0.75 kW	0.75 kW
EFFECTIVE RANGE AREA*	484m ²	625m ²	784m ²	961m ²	1,369m ²
MAX AIR FLOW AMCA 230-15	40.78 m ³ /s	61.09 m ³ /s	68.56 m ³ /s	76.64 m ³ /s	105.44 m ³ /s
MAX AIR FLOW AMCA 230-99	57.68 m ³ /s	86.41 m ³ /s	96.96 m ³ /s	108.40 m ³ /s	149.14 m ³ /s
MAX RPM	103	102	95	74	70
FAN HANG WEIGHT*	76 kg	79 kg	83 kg	86 kg	93 kg

HUNTER ECO								
MODEL NO.	HUNTER2-ECO08	HUNTER2-ECO10	HUNTER2-ECO12	HUNTER2-ECO14	HUNTER2-ECO16	HUNTER2-ECO18	HUNTER2-ECO20	HUNTER2-ECO24
FAN DIAMETER	2.4m	3.0m	3.6m	4.2m	4.8m	5.5m	6.1m	7.3m
SUPPLY	3PH							
MOTOR POWER	0.47 kW	0.47 kW	0.47 kW	0.47 kW	0.47 kW	0.47 kW	0.47 kW	0.47 kW
EFFECTIVE RANGE AREA*	95 m ²	149 m ²	214 m ²	291 m ²	380 m ²	484 m ²	595 m ²	858 m ²
MAX AIR FLOW AMCA 230-15	15.41 m ³ /s	25.02 m ³ /s	30.38 m ³ /s	40.69 m ³ /s	51.40 m ³ /s	60.27 m ³ /s	72.17 m ³ /s	96.48 m ³ /s
MAX AIR FLOW AMCA 230-99	21.80 m ³ /s	35.39 m ³ /s	42.97 m ³ /s	57.55 m ³ /s	72.70 m ³ /s	85.25 m ³ /s	102.08 m ³ /s	136.46 m ³ /s
MAX RPM	156	139	107	107	95	78	77	61
FAN HANG WEIGHT*	40 kg	43 kg	46 kg	58 kg	61 kg	62 kg	66 kg	72 kg

HUNTER RM SERIES				
MODEL NO.	HUNTER2-RM08-1PH	HUNTER2-RM10-1PH	HUNTER2-RM12-1PH	HUNTER2-RM14-1PH
FAN DIAMETER	2.4m	3m	3.6m	4.2m
SUPPLY	1PH			
MOTOR POWER	0.47 kW	0.47 kW	0.47 kW	0.47 kW
EFFECTIVE RANGE AREA*	95m ²	149m ²	214m ²	291m ²
MAX AIR FLOW AMCA 230-15	15.41 m ³ /s	25.02 m ³ /s	30.38 m ³ /s	40.69 m ³ /s
MAX AIR FLOW AMCA 230-99	21.80 m ³ /s	35.39 m ³ /s	42.97 m ³ /s	57.55 m ³ /s
MAX RPM	156	139	108	108
FAN HANG WEIGHT*	47 kg	49 kg	53 kg	55 kg

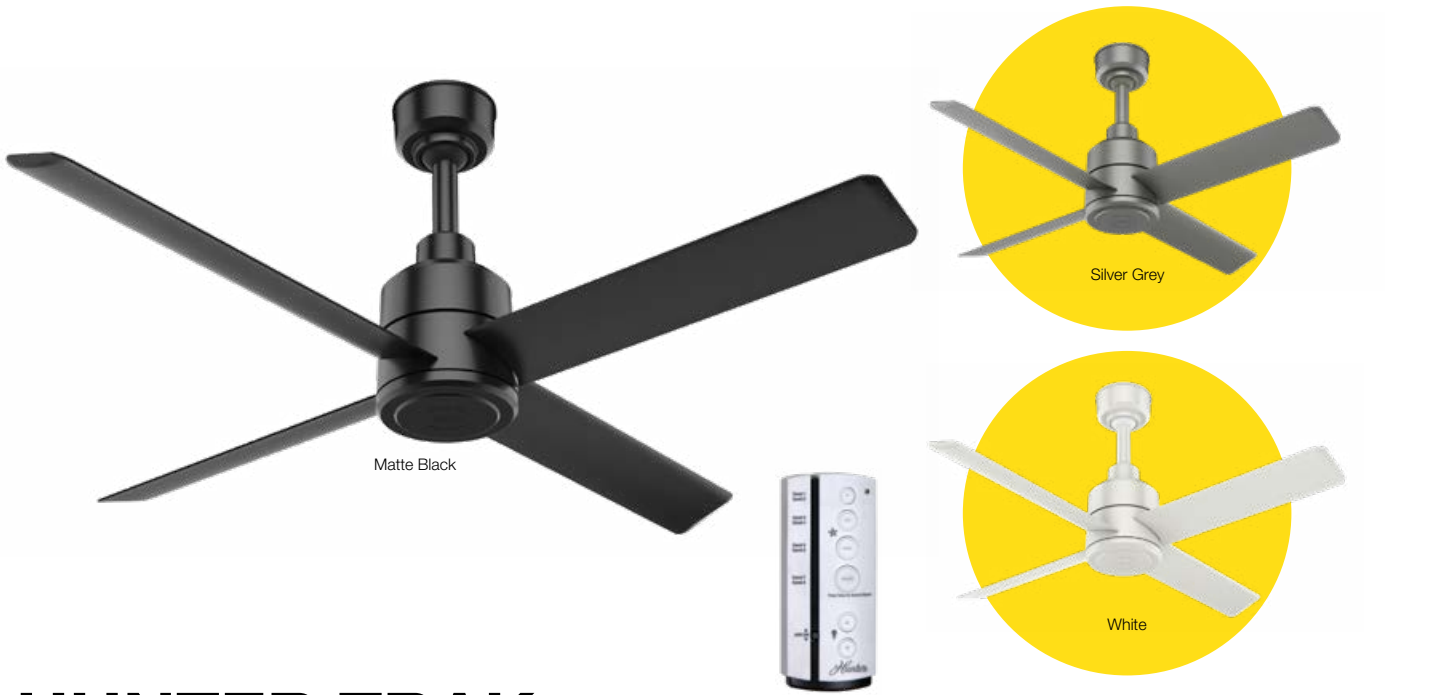
* Effective range area is based on 1.5 to 2 m/s air flow at face/chest level
* Total fan hang weight. Included blades, motor, hanging system, accessories

Fan Selection Program

To assist with selecting the most effective Hunter HVLS fan for your specific application, Fantech have developed an easy to use web based selection tool. Once on the HVLS page, simply enter the width, length and height of the area, together with the ambient temperature and desired cooling effect from the fans. The selection tool will provide a number of possible options that list the quantity of fans, fan sizes and suggested spacing.

To access Fantech's HVLS Product Selection Tool visit
www.fantech.com.au/hvls





HUNTER TRAK

COMMERCIAL SWEEP FANS

LIMITED
LIFETIME
WARRANTY*

ULTRA
QUIET

POWERFUL
AIR FLOW

LIGHT
WEIGHT

IP45

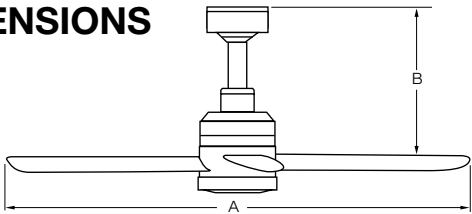
The Hunter Trak is an easy to install, single phase DC commercial HVLS fan that combines modern design, long lasting durability and performance that you can count on.

- Energy efficient, 8-speed single phase DC motor that can be operated in forward or reverse.
- Suitable for indoor and undercover outdoor commercial applications such as restaurants and retail spaces, meeting areas, patios, schools and health clubs.
- Time saving plug-n-play system with pre-installed components.
- Comes standard with a 30cm, stainless steel and powder coated downrod that does not require guide wires. Optional downrods; 61cm, 90 cm, 121cm, 152 cm.
- Highly efficient 4 blade configuration with an 18° blade pitch for optimal air movement.
- Hunter Trak comes in powder coated matte black as standard. White and Silver Grey also available as a special order.
- Wireless wall controller for easy installation and management of multiple Hunter Trak HVLS fans up to 25 metres radius of the controller.

SPECIFICATIONS

MODEL NO.	HUNTER-TRAK05BK	HUNTER-TRAK06BK	HUNTER-TRAK07BK	HUNTER-TRAK08BK
FAN DIAMETER	1.5m	1.8m	2.1m	2.4m
SUPPLY	1PH			
MOTOR POWER	0.1 kW	0.1 kW	0.1 kW	0.1 kW
EFFECTIVE RANGE AREA*	37m²	54m²	73m²	95m²
MAX AIR FLOW AMCA 230-15	6.15 m³/s	8.45 m³/s	10.44 m³/s	11.69 m³/s
MAX AIR FLOW AMCA 230-99	8.70 m³/s	11.95 m³/s	14.77 m³/s	16.54 m³/s
MAX RPM	240	185	175	145
FAN HANG WEIGHT*	21 kg	22 kg	22 kg	23 kg

DIMENSIONS



MODEL NO.	A	B
HUNTER-TRAK05BK	1500	300**
HUNTER-TRAK06BK	1800	300**
HUNTER-TRAK07BK	2100	300**
HUNTER-TRAK08BK	2400	300**

All dimensions in mm.
**300mm downrod comes standard. 610mm, 90mm, 1210mm & 1520mm also available.

HUNTER TRAK DOWNROD

The Hunter Trak uses an all-in-one, downrod to simplify installation.

- Pre-wired power cable and stainless steel retention cable sealed into the downrod.
- Integrated motor mounting plate.
- Stainless steel downrod with ABS mount covers.
- Self-levelling mount bracket.
- Trak comes with a 30cm downrod as standard, optional longer downrods can be ordered; 61cm, 90 cm, 121cm, 152 cm.



*Conditions apply. For details visit: fantechtrade.com.au/warranty
** Effective range area is based on 1.5 to 2 m/s air flow at face/chest level
Total fan hang weight. Included blades, motor, hanging system, accessories



HUNTER STINGRAY

COMMERCIAL SWEEP FANS

LIMITED
LIFETIME
WARRANTY*

ULTRA
QUIET

POWERFUL
AIR FLOW

LIGHT
WEIGHT

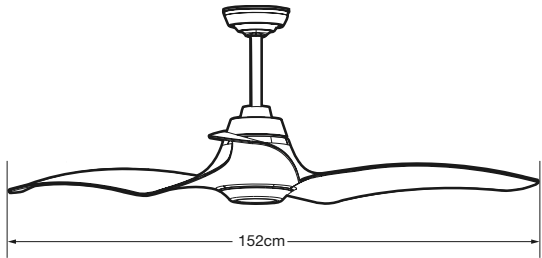
IP45

The Hunter Stingray brings together a high-performance sweep fan with a stylish and modern design. It comes in a 1.5 metre fan diameter with optimised blade pitch for efficiency air movement. The Stingray has an integrated LED light option and features a chic, charcoal grey or porcelain white finish.

Typical applications include indoor residential and commercial spaces such as open plan living areas, restaurants and retail spaces, meeting areas, foyers, patios, and schools.

- Quiet DC motor that can be operated in forward or reverse.
- IP45 rated for use in outdoor undercover areas such as outdoor dining
- Comes with optional 18-watt dimmable LED light that can be capped if not required (included in kit).
- Pre-balanced for smoother, low noise operation.
- Comes standard with a 5cm and 23cm downrod.
- Wireless controller for speed adjustment, light dimmer option and management of multiple Stingray sweep fans up to 25 metres radius of the controller.

DIMENSIONS



Comes standard with a 5cm and 23cm downrod

MODEL NO.	HUNTER-SR60BK	HUNTER-SR60WH
MAX AIR FLOW	3.15 m³/s	
MAX WATTS	21	
MAX RPM	167	
LED LIGHT	1520 Lumens	
FAN HANG WEIGHT	11 kg	