



ALLVENT
Ventilation Products

ALLVENT VENTILATION PRODUCTS

PRODUCT CATALOGUE

EDITION 21.1



Industrial Ventilation



Car Park Ventilation



Hygiene



Commercial Ventilation

ALLVENT is dedicated to providing world-class, quality products, innovative design, technical expertise and market leading technology.

In cooperation with consultants, project engineers and designers,

ALLVENT can ensure the continued availability of economical, efficient and leading ventilation technology.



Residential Ventilation



Winter Heating



Summer Cooling



Heat Recovery Ventilation



ALLVENT
Ventilation Products

Our Mission

To provide clients with the most advanced technology and innovative designs for air movement

Our Vision

To be the preferred supplier for every user of air movement products in the market we serve

Our Values

Care

Quality

Integrity

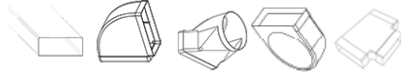
Enthusiasm

Giving Back



Bringing Air to Life.

Product Ranges

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While every effort has been made to accurately present specifications and data in this catalogue, Allvent P/L accepts no liability for losses arising from errors or omissions contained herein. As a result of continuous product development all data and specifications are subject to change without notice.

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ALLVENT
Ventilation Products

Bringing Air to Life.

Your perfect Allvent fan is only 4 steps away.

To choose the right fan for your purpose, we need to **calculate the airflow required for your room in m³/hr**. Allvent has developed this easy-to-use **four step guide** to determine your m³/hr number and help choose the fan right for you.

STEP 1

STEP 2

STEP 3

STEP 4

Which room?

Choose your room type and select air changes per hour (**ac/hr**) value (opposite).
ie: Bathroom 10 ac/hr.

Sub-floor	6 ac/hr
Heat Transfer	6 ac/hr
Bathroom	10 ac/hr
Toilet	12 ac/hr
Laundry	20 ac/hr
Kitchen	25 ac/hr

How big?

You need your room volume in metres cubed (**m³**). This is calculated using the three measurements of **length**, **width** and **height** of your room in metres.

L x W x H =m³

How much air flow?

Multiply the two numbers you now have from Step 1 (**ac/hr**) and Step 2 (**m³**) to calculate the air flow required for your room.

Step 1 x Step 2 =m³/hr

Which Fan?

Using your **m³/hr** figure calculated in **Step 3**, select the fan from the table below which most closely fits your needs.

We recommend that you choose the fan to the nearest value **HIGHER** than your m³/hr number.
Example, if the number you calculated at the end of **Step 3** is 240m³/hr, choose a fan with a m³/hr **higher** than 240.

Model	m³/hr	Model	m³/hr	Model	m³/hr	Model	m³/hr	Model	m³/hr
150/6"AR	235	M1/100	90	REF150-A	374	100	255	RCF-AE(S)150	328
230/9"AR	480	M1/120	170	HBF100-4	144	125	365	RCF-AE(S)200	328
300/12"AR	1050	M1/150	260	HBF150-6	303	150	550	RCR150	350
						200	1135	RCR200	500
						250	1440	RCR250	600
						315	2590		
Window/Wall Page 12		Wall/Ceiling Page 6		Ducted Ceiling Page 14		Inline Fan Page 20		Roof Mounted Page 85-86	

4 | INFO HOTLINE 1300 883 544 | sales@allvent.com.au



Ventilation Fan Range

Wall/Window Mounted

M1 Series	6
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IP45

Energy efficient

Modern design

THE NEW MINIVENT® FAMILY

M1 Series

QUIET, ATTRACTIVE AND EFFICIENT



The excellent design of the MiniVent® M1 blends in beautifully everywhere, even in the most demanding room designs. The compact and attractively designed fascia completely shields the view of the fan interior.



Technical Data

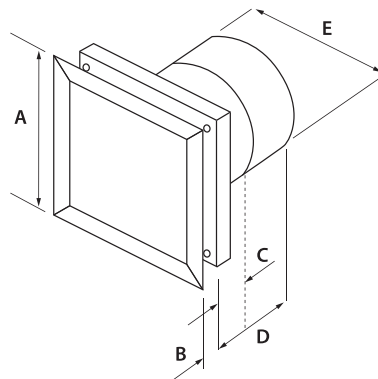
Model	Code	Dia Ø	V	Hz	W	m³/hr	L/s	dBA@3m
M1/100	ALV6171	98	240	50	9	75-90	21-25	30
M1/100 Black	ALV61710	98			9	75-90	21-25	30
M1/120	ALV6360	118			13	150-170	42-47	36
M1/150	ALV6041	145			10	220-260	61-72	39
M1/150 0-10v	ALV6044	145			10	50-260	14-72	39

Features

- Compact designed fascia remains clean and attractive
- High efficiency impeller
- Backdraft shutter as standard
- Trickle Ventilation on Low Speed & switches to high speed when light switch is activated
- Energy efficient – 5 watts at 75m³/h and 10 watts at 310m³/h

Dimensions (mm)

	A	B	C	D	ØE
M1/100	147	35	52	96	98
M1/120	176	39	70	116	118
M1/150	210	48	76	142	145



Accessories

- Stainless Steel external grilles (refer pg 49)
- Plastic external grilles (refer pg 51)
- Aluminium external grilles (refer pg 52)

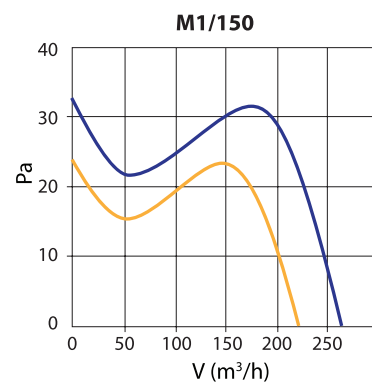
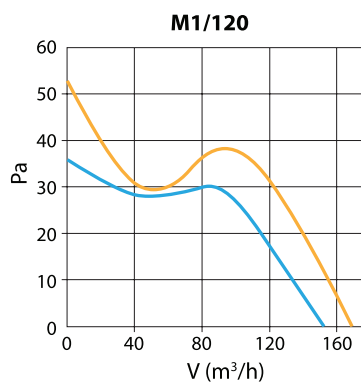
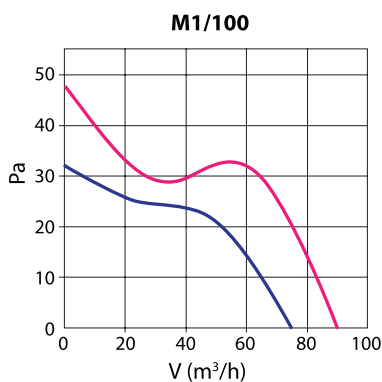
Energy Saving Features (optional)

- Built-in Run-on Timer (N)
- Built-in Humidity Sensor (F)
- Built-in Presence Sensor (P)

Applications for Use

Suitable for all ventilation applications in bathrooms, toilets and all wet areas.

Performance Curves



Quiet.

Energy-efficient.



The M1/150 is the most energy efficient 150mm wall fan on the market!

- Up to 70% more efficient
- Only 10 watts on high speed

Powerful and quiet.

No compromises are made with MiniVent® M1 in terms of power and noise level. The ultraSilence® technology developed by Helios ensures optimum quietness and lowest noise emission at all levels.

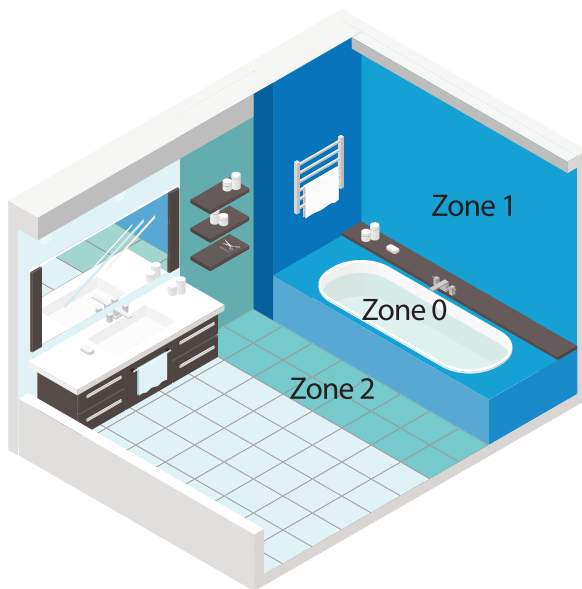
When introducing the M1/100, Helios succeeded in setting the new market standard with just 25 dBA at 75m³/h. The M1/150 is now furthering this success with just 39 dBA at 260m³/h.

Up to 70% energy savings.

If power consumption is analysed in relation to flow rate, it is clear at a glance that M1 from Helios scores well. For this reason, MiniVent® has been awarded the 'greenTec-Label' for energy saving solutions.

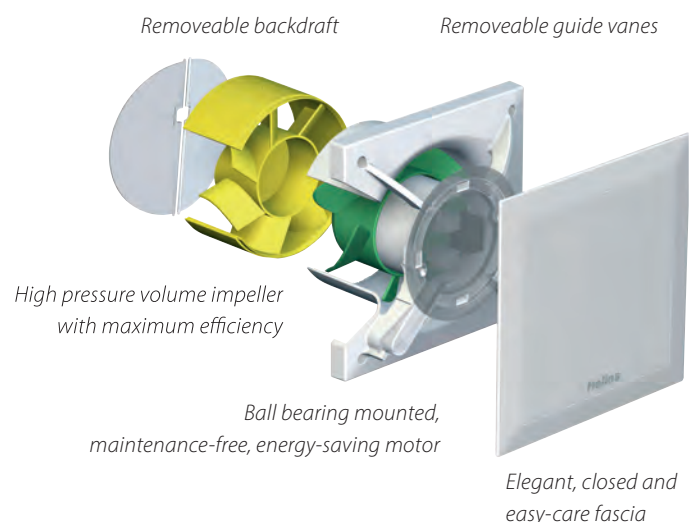
Furthermore, the new M1/150 is equipped with highly efficient EC motor technology which, with regard to speed control, leads to a saving of up to 70% in comparison to conventional AC technology.

Zone 1 Compatible.



Suitable for use in Zone 1.

Minivent® M1 Series provides protection to IP45, insulation class II.



Flexible installation depth.

Removeable guide vane reduces installation depth from 96mm to 52mm. Can be installed with or without backdraft shutter.

IP54

Reversible

High air flow



WALL / CEILING FANS

HV Series

POWERFUL EXTRACTION

The timeless design blends well in any stylish room. Designed to ventilate living and dining rooms, offices and conference rooms, restaurants or foyers.

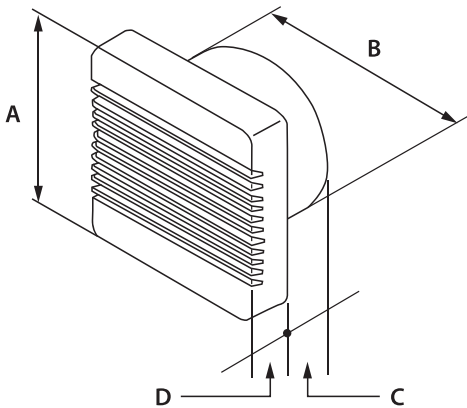
Technical Data

Model	Code	Dia Ø	V	Hz	W	m³/hr	RPM	L/s	dBA	IP Rating
HV200	ALV0957	207mm	240	50	30	450	1360	125	42	IP54
HV250	ALV0958	250mm			40	840	1380	234	45	

Features

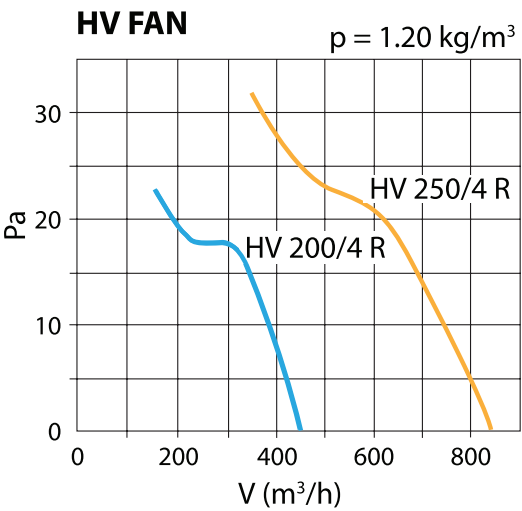
- Reversible (supply and exhaust) with switch - Model No. DSEL2
- High air flow and low noise through low resistance
- Totally enclosed, powerful motor with high efficiency
- Quiet continuous operation at any angle
- 40,000 running hours
- Speed controllable by speed controller (accessory)

Dimensions (mm)



	A	B	C	D
HV200	287	207	80	39
HV250	387	257	80	39

Performance Curves



Accessories

- Stainless Steel external grilles (refer pg 49)
- Plastic external grilles (refer pg 51)
- Aluminium external grilles (refer pg 52)

IPX4

335 m³/hr

19mm thin fascia



WALL / CEILING FANS

SLIM Evolution

ECO-FRIENDLY

This 'virtually invisible' and 'virtually silent' fan is extremely easy to install. It has an backdraft shutter to prevent unwanted air from returning once switched off.

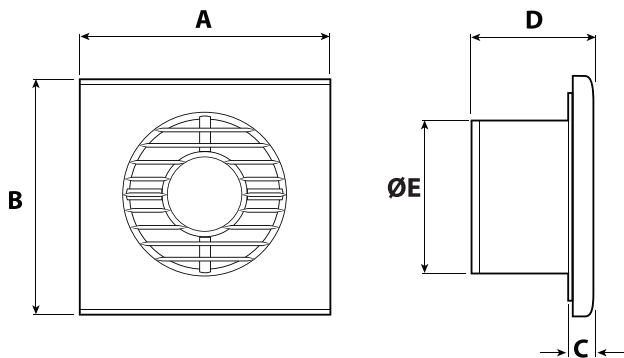
Technical Data

Model	Code	Dia Ø	V	W	Pa	m ³ /hr	L/s	dBA@3m
ALVSLIM4A	ALV11287	100mm/4"	240	15	29	85	24	31
ALVSLIM5A	ALV11288	125mm/5"		20	49	173	49	34
ALVSLIM6A	ALV11289	150mm/6"		28	59	335	93	40

Features

- Extremely easy installation
- Very limited noise levels with high performance
- Ultra-flat grille to expel air outside or into short ducts
- Eco-friendly recyclable materials
- Backdraft shutter

Dimensions (mm)

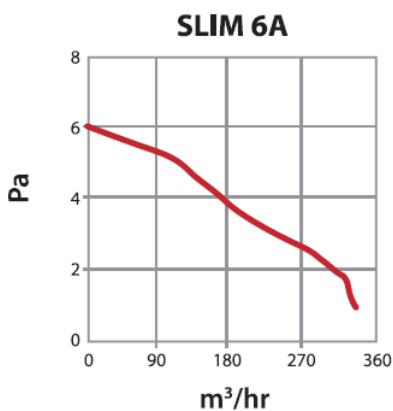
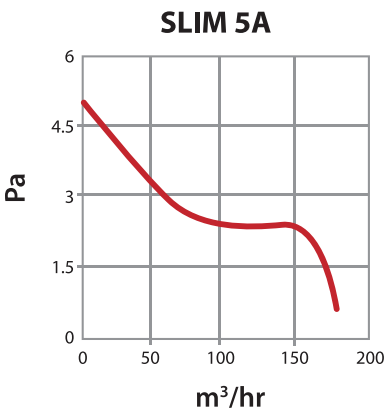
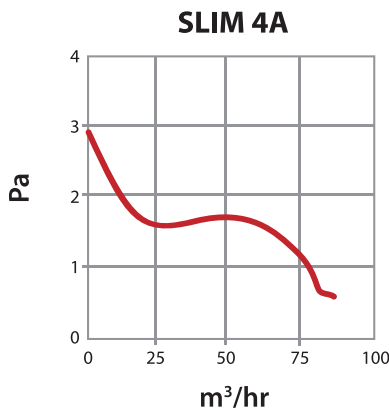


	A	B	C	D	ØE	Kg
ALVSLIM4A	162	158	19	79	98	0.51
ALVSLIM5A	185	178	19	90	119	0.61
ALVSLIM6A	218	213	19	98	155	0.97

Accessories

- Stainless Steel external grilles (refer pg 49)
- Plastic external grilles (refer pg 51)
- Aluminium external grilles (refer pg 52)

Performance Curves



IPX4

Eco-friendly

Quiet



WALL / CEILING FANS

Punto Filo Series

QUIET AND ECO-FRIENDLY

The Punto Filo is excellent for intermittent and continuous ventilation of bathrooms, toilets, kitchens or utility rooms in domestic or commercial properties.



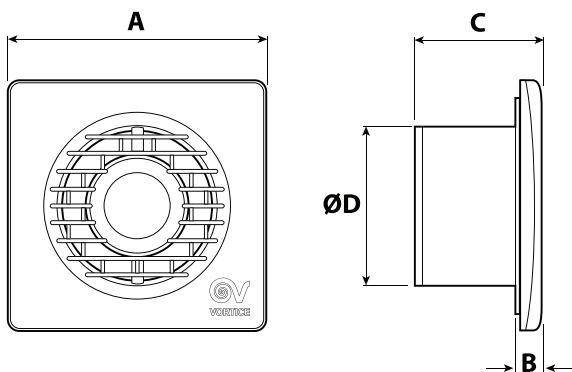
Technical Data

Model	Code	V	W	A	Rpm	m³/h	L/s	Pa	dBA@3m	°C max
MF100/4"	ALV11123	240	15	0.09	2400	85	24	29	31	50
MF120/5"	ALV11124		20	0.12	2150	175	49	49	34.4	
MF150/6"	ALV11125		28	0.15	2100	335	93	59	40.1	

Features

- Backdraft shutter installed
- Quiet operation
- Quick and easy installation
- Eco-friendly: low environmental impact

Dimensions (mm)

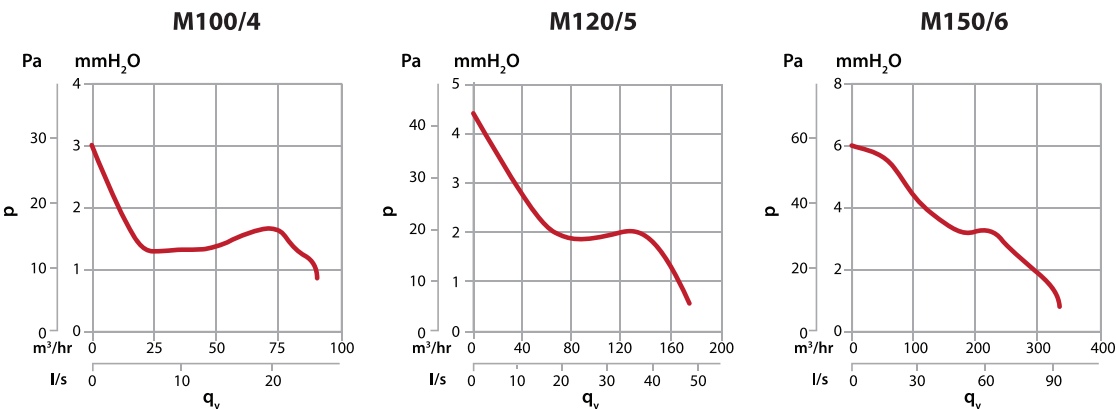


Accessories

- Stainless Steel external grilles (refer pg 49)
- Plastic external grilles (refer pg 51)
- Aluminium external grilles (refer pg 52)

	A	B	C	ØD	Kg
MF100/4"	159	17	77	98	0.51
MF120/5"	179	17	89	119	0.61
MF150/6"	214	17	96	156	0.97

Performance Curves



IPX4

High air flow

Energy efficient



WALL / CEILING FANS

Punto Series
ENERGY EFFICIENT

The Punto Range is excellent for intermittent and continuous ventilation of bathrooms, toilets, kitchens or utility rooms in domestic or commercial properties.

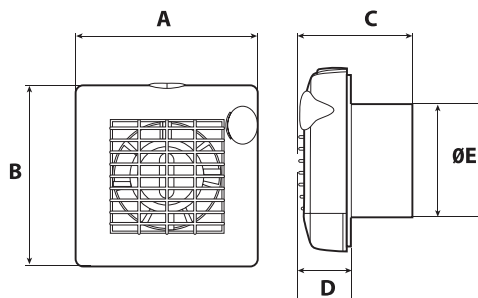
Technical Data

Model	Code	V	W	A	Rpm	m³/h	L/s	Pa	dBA@3m	Kg
M100/4	ALV11201	240	18	0.1	2300	90	25	29	37.5	0.6
M100/4 12V*	ALV11203		18	0.1	2300	90	25	29	37.5	0.6
M120/5	ALV11301		20	0.12	2100	175	48.6	44	39.5	0.8
M150/6	ALV11401		30	0.15	2100	335	93.1	59	46	1.1

Features

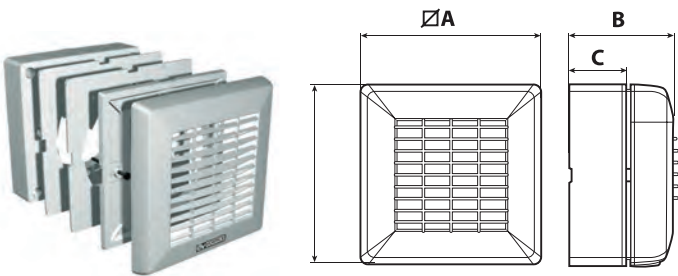
- High air-flow rate
- Low operating noise levels
- Low power consumption
- Auto-shutter/Timer models available
- *GA12V transformer available

Dimensions (mm)



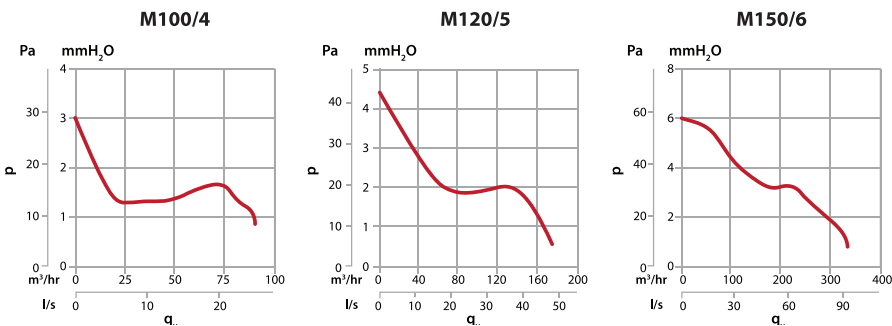
	A	B	C	D	ØE
M100/4	159	160	100	47	99
M120/5	179	181	110	47	119
M150/6	214	215	117	47	156

Kit to Window-Mount



	Code	ØA	B	C	ØGlass Hole	Thick
F100/4	ALV22131	159	69	22	123 ÷ 128	20
F120/5	ALV22132	179	80	33	143 ÷ 148	
F150/6	ALV22133	214	87	40	178 ÷ 183	

Performance Curves



- Will allow any Vortice Punto unit to be fitted to any single- or double-glazed window
- Consists of closed-cell, expanded-polyethylene gasket and external grille, intermediate flange fitting, spacer, and a anti-UV-threaded ABS ring.
- Glass thickness: 2/3mm (min) – 17/20mm (max).
- Insulation class: II

IPX4

High air flow

Reversible

WINDOW AND WALL FANS

VARIO Series

QUIET, FLEXIBLE AND REVERSIBLE

Vario exhaust/supply fans provide flexible solutions to improve the quality of air we breathe in any domestic or commercial environment.



Technical Data

Model	Code	V	W	A	RPM	m³/hr	L/sec	dBA@3m
VARIO150/6"AR	ALV12612	240	25	0.11	2040 [^] 1340*	235 [^] 150*	65.3 [^] 41.7*	37.5
VARIO150/6" AR LL S	ALV12615		35	0.17	2520 [^] 2210*	380 [^] 215*	105.6 [^] 59.7*	49.6
VARIO150/6" P	ALV12611		18	0.10	1340	235	65.3	37.5
VARIO150/6" P LL S	ALV12614		32	0.16	2110	380	105.6	46.9
VARIO230/9"AR	ALV12452		26	0.13	1080 [^] 790*	480 [^] 310*	133 [^] 86*	35.6
VARIO230/9"AR LL S	ALV12455		35	0.19	1300 [^] 1200*	700 [^] 370*	194.4 [^] 102.8*	43.6
VARIO230/9" P	ALV12451		22	0.10	790	480	133	35.6
VARIO300/12"AR	ALV12412		45	0.21	1085 [^] 840*	1050 [^] 700*	292 [^] 194.4*	40.2
VARIO300/12"AR LL S	ALV12415		75	0.41	1280 [^] 1215*	1650 [^] 920*	458.5 [^] 255.6*	53.6

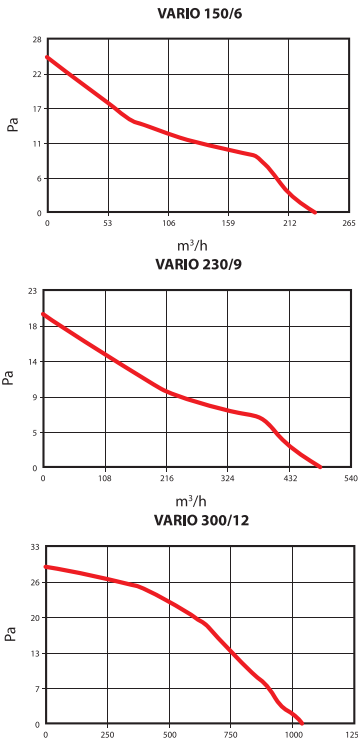
* Supply [^]Extract

AR - Automatic shutters, Reversible flow
AR LL S - Long Life, Sealed bearings
P - Pull cord version

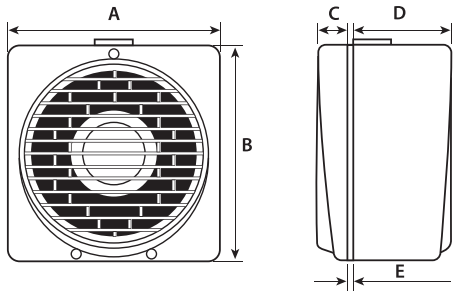
Features

- Highly efficient impellers: best in their category for performance and low energy consumption
- Lowest noise in its class
- Casing made from shock-resistant UV stabilised ABS
- IPX4 rating
- Pull cord option available
- Automatic thermo actuator shutters as standard (delayed opening).
- All models reversible (supply and exhaust) except Pull cord version.
- Flush mounted model available

Performance Curves



Dimensions (mm)



	A	B	C	D	E min/max	Ø Hole cut-out
VARIO150/6"AR	215	218	31	97.5	2/38	185÷190
VARIO230/9"AR	294	297	31	130	2/38	257÷262
VARIO300/12"AR	390	393	31	147	2/38	324÷329

Accessories

Model	Code	Description
KITMU	ALV13018	wall rods to suit Vario
KITMUT	ALV602	wall tubes to suit Vario
CREN	ALV12944	Speed Controller ON/ OFF/Reverse flow

IPX5

Low internal noise

High performance

EXTERNAL WALL MOUNTED CENTRIFUGAL FANS

CA WE D Series
SILENT EXTRACTION



The CA WE D is the ideal solution where centralised extraction is required for more than one room eg: kitchens, bathrooms, storage areas, cellars; public spaces such as bars and shops; work spaces including workshops and laboratories.

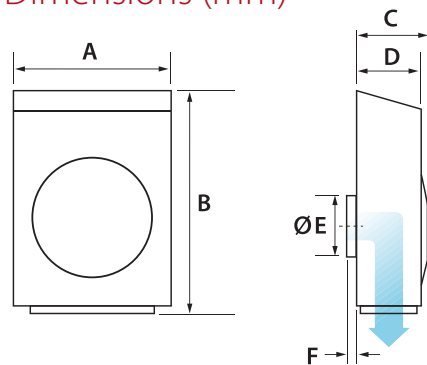
Technical Data

Model	Code	V	Hz	W	m³/hr	L/s	dBA@3m	IP
CA100 WE D	ALV16091	240	50	60-80	65-205	18-57	38.3-50.1	IPX5
CA125 WE D	ALV16092			60-80	83-266	23-74	36.3-49.5	
CA150 WE D	ALV16087			45-100	248-529	69-147	23.1-42.9	
CA200 WE D	ALV16089			45-100	263-612	73-170	20.9-39.1	

Features

- Centrifugal duct-mounted extractors for external installation thereby reducing noise
- Automatic close function prevents air returning to the room
- Steel housing with polyester paint - long life
- Two speed
- Backdraft shutters

Dimensions (mm)



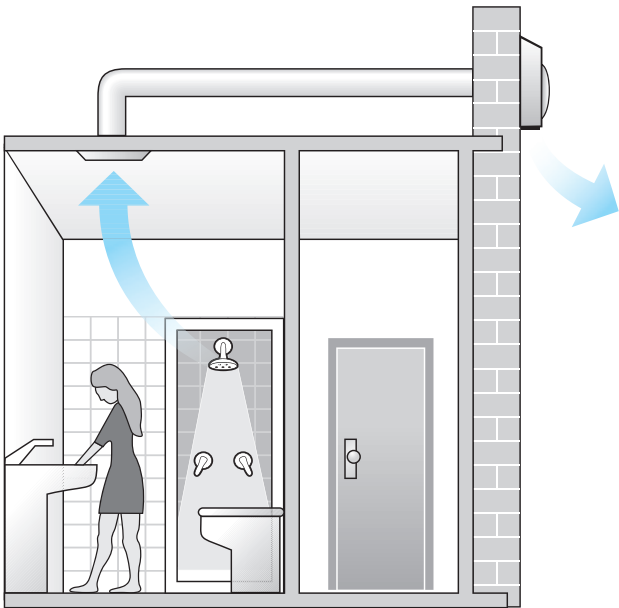
	A	B	C	D	E	F
CA100 WE D	262	345	127	113	970	20
CA125 WE D	262	345	127	113	1200	20
CA150 WE D	360	430	173	155	1470	20
CA200 WE D	360	430	173	155	1970	20

Accessories

Internal grilles (refer pg 50)

Performance Curves

Refer to Allvent



IPX4

High performance

Easy installation

HEADER BOX EXHAUST FAN

REF Series
SIDE DUCTING



REF Series maximum airflow performance is ideal for long duct runs and extracting large quantities of air from wet room areas of the home.

Technical Data

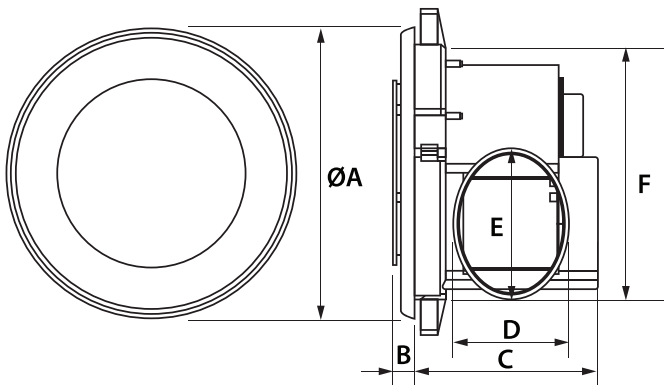
Model	Code	Dia Ø	V	W	RPM	m³/hr	l/s	dBA@ 3m	Cutout
ALVREF150-A	ALV192	150	240	60	1380	374	104	42	290
ALVREF150-AT	ALV191	150			1380	374	104	42	290

T indicates built-in timer with 4 Pin Flex & Plug

Features

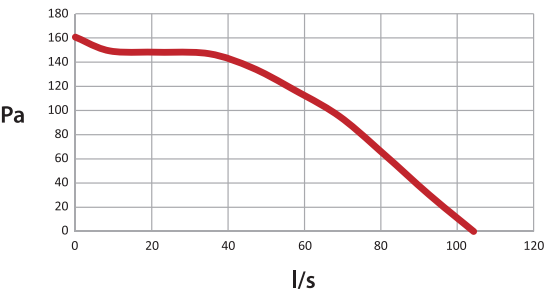
- White round fascia as standard
- Built-in backdraft damper
- Unique magnetic clip for installing grille
- Efficient and durable, long-life, ball-bearing motor
- Three-pin plug as standard
- Non-return damper
- Complied to SAA and RCM standard for AU/NZL
- Suits 150mm duct connection

Dimensions (mm)



	A	B	C	D	EØ	F (Cutout)
REF150 Series	331	22.4	210	131.35	169.13	290

Performance Curves



High performance

Easy installation

Non-return damper



DUCTED CEILING EXTRACTION

HBF Series

SERIOUSLY EASY INSTALLATION

The HBF Series is a ceiling mounted exhaust fan suitable for tight ceiling spaces in domestic and residential high-rise applications.

Technical Data

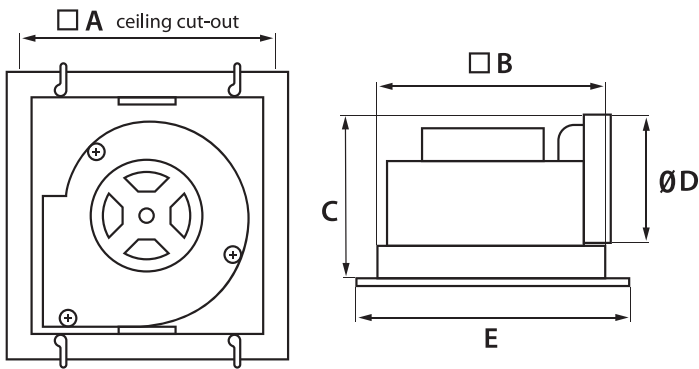
Model	Code	Dia Ø	V	W	r/min	m³/hr	L/s	dBA@3m
ALVHBF100-4	ALV105	100	240	34	1130	144	40	22
ALVHBF100-4T KIT	ALV141	100		34	1130	144	40	22
ALVHBF150-6	ALV106	150		38	1030	303	84	39
ALVHBF150-6T KIT	ALV140	150		38	1030	303	84	39

T KIT indicates a built-in timer function 3–20 mins

Features

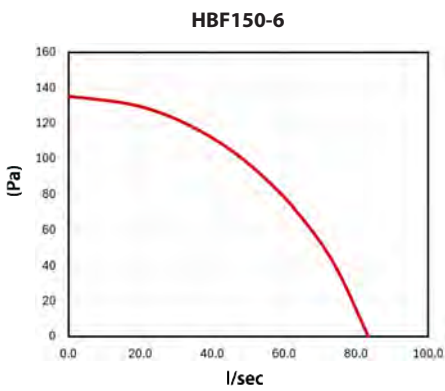
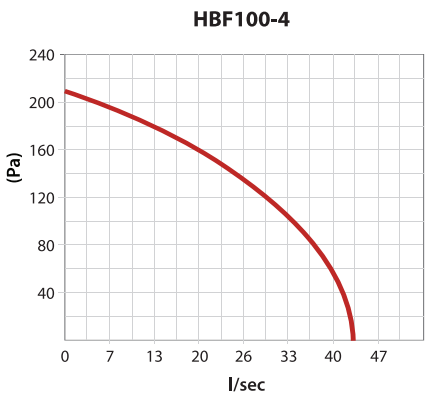
- Hi-static duct characteristics
- High performance centrifugal impeller
- Integrated non-return damper
- Incorporates a clip fixing system for fast and easy installation
- Three pin plug fitted
- Backdraft shutter
- Tapered Grille 9mm thickness
- Replacement option for XC/NVF models

Dimensions (mm)



	A	B	C	D	E	Face Size
ALVHBF100-4	246	212	169	98	264	270
ALVHBF150-6	292	274	205	149	313	330

Performance Curves



IPX4

Easy installation

High performance

AXIAL IN-LINE FANS

Punto Ghost Series

COMPACT



The Punto Ghost is suitable for installation in walls and ceilings, false ceilings, lofts and internal walls. Available with or without a timer.



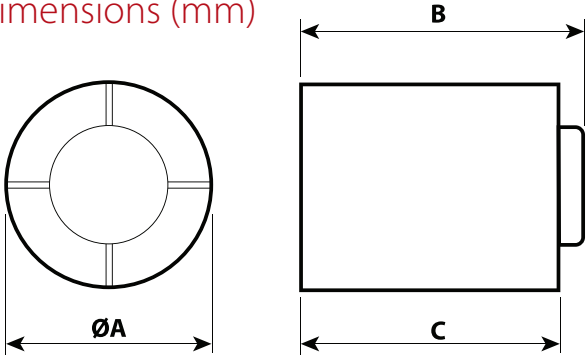
Technical Data

Model	Code		V	W	A	Rpm	m³/h	L/s	Pa	dBA@3m	°C
	Basic	Timer									max
MG100/4"LL	ALV11100	ALV11101	240	18	0.10	2415	80	22.2	25	39	40
MG120/5"	ALV11116	-		20	0.12	2250	160	44	44	43	50
MG120/5" LL	ALV11102	ALV11103						44.4			
MG150/6"	ALV11117	-		30	0.18	2200	320	89	69	48	
MG150/6" LL	ALV11104	11105						88.9			

Features

- Available with or without timer
- Motor with sheilded poles and ball bearings
- Can be used as temperature blenders in adjacent rooms
- Mounting feet available
- Rating IPX4

Dimensions (mm)



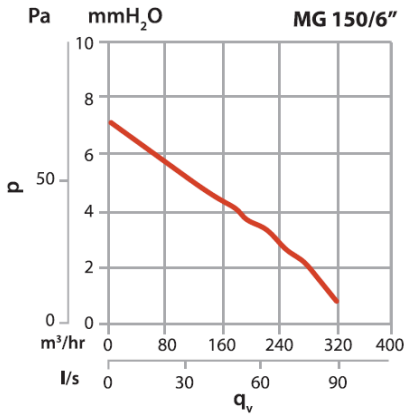
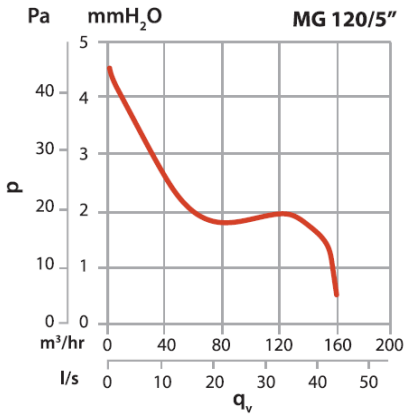
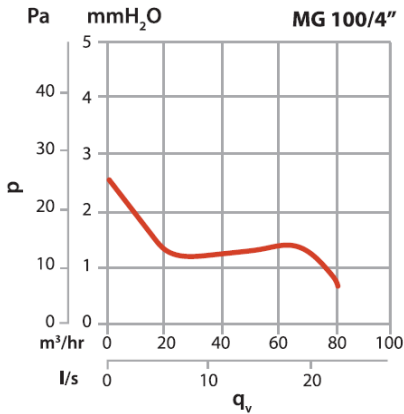
	A	B	C
MG100/4" LL	99	92	89
MG120/5" LL	119	103	89
MG150/6" LL	155	110	107

Accessories

Model	Code	Description
MB100	ALV22259	Mounting Bracket
MB120	ALV22260	Mounting Bracket
MB150	ALV22261	Mounting Bracket

Performance Curves

Grilles (refer pg 49-51)



- Long-lasting
- Metal construction
- Reliable

AXIAL IN-LINE FANS

A Series

RELIABLE, HARD WORKING



The A series axial fans are housed in a quality metal casing. Reliable fans for bathroom and laundry applications.

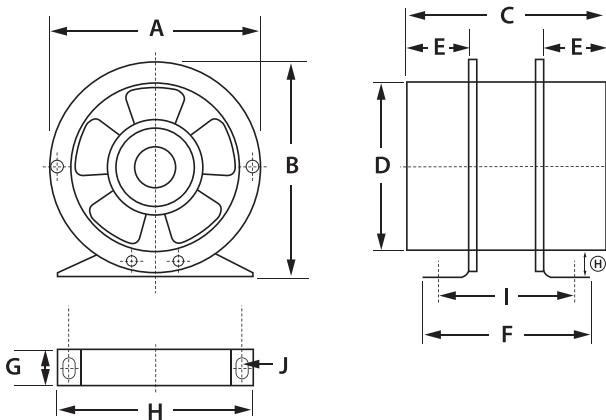
Technical Data

Model	Code	Dia Ø	V-50Hz	A	W	Phase	RPM	L/s	m³/hr	dBA@3m
ALVA40	ALV109	100	240	0.14	17	1	2750	43	156	32
ALVA60	ALV110	150		0.23	35		2750	80	288	41
ALVA80	ALV111	200		0.23	37		2450	175	630	47
ALVA100	ALV112	250		0.14	31		1400	217	781	42

Features

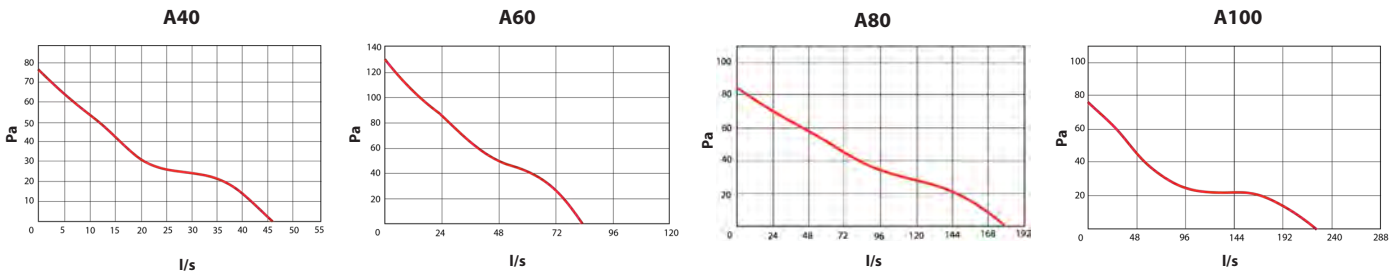
- Metal construction
- Mounting brackets for easy installation
- Long term reliable operation
- Standard with 240V three pin plug

Dimensions (mm)



	A	B	C	ØD	E	F	G	H	I	ØJ
A40	120	121	123	99	40	87	24	120	72	5.5
A60	173	181	157	146	51	103	25	165	77	6.5
A80	225	235	165	199	51	122	30	200	92	7
A100	250	270	220	230	65	155	30	255	125	7

Performance Curves



Compact size

High performance

High quality



SMALL AXIAL FANS

Cabinet Fans

COMPACT

This range of small axial fans are ideal for use in compact cabinets and space-limited areas where constant, cooling airflow is required.

Technical Data

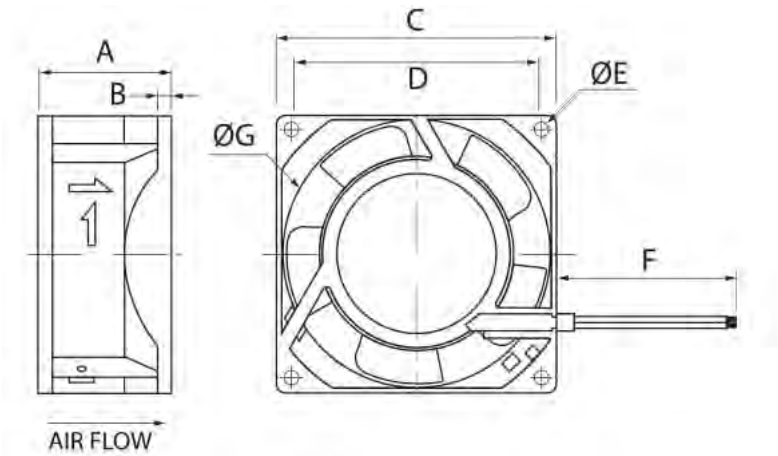
Model	Code	Dia Ø	V	Hz	W	m³/hr	dBA
ALVUF80A23-BTH*	ALV113	80x80x38	240	50	14	51	32
ALVUF92A23-BTH*	ALV114	92x92x38			16	78	34
ALVUF12A23-SWH^	ALV115	120x120x38			17	156	36
ALVUF16FC23-BTHD*	ALV116	160x160x62			46	450	52
ALVUF18JC23-BTHD*	ALV117	180x180x90			75	781	54

* Solder ^ Flex & Plug *Terminal block
Models subject to change

Features

- Made of aluminium casing
- Over 40,000 running hours
- High quality, proven reliability
- Sealed for life ball bearing motor
- Metal/plastic finger guards available

Dimensions (mm)



	A	B	C	D	E	F	G
ALVUF80A23-BTH	38	4	80	71.5	4.3	300	76
ALVUF92A23-BTH	38	4	92	82	4.3	300	88
ALVUF12A23-SWH	38	4	120	104.8	4.3	300	114
ALVUF16FC23-BTHD	62	4	160/189 ^{#TERMINAL BLOCK}	138.5	5.5	-	142
ALVUF18JC23-BTHD	90	6	180/209 ^{#TERMINAL BLOCK}	152.7	5.5	-	160

Accessories

Model	Description
ALVUF80AFG	Finger Guard Plastic
ALVUF92AFG	Finger Guard Plastic
ALVUF12AFG	Finger Guard Plastic
ALVUF16AFG	Finger Guard Plastic
ALVUF18AFG	Finger Guard Plastic
ALVUF80AMG	Finger Guard Metal
ALVUF92AMG	Finger Guard Metal
ALVUF12AMG	Finger Guard Metal
ALVUF16AMG	Finger Guard Metal
ALVUF18AMG	Finger Guard Metal

IP44

Two speed

Low noise

CENTRIFUGAL IN-LINE FANS

CA MD Series
METAL CONSTRUCTION

For medium to smaller air flow volumes against high resistances. Universal application for domestic, commercial and industrial purposes.



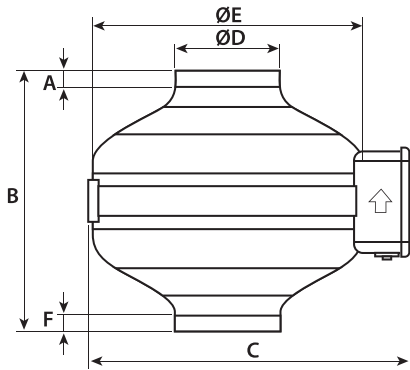
Technical Data

Model	Code	Dia Ø	V	Hz	W	RPM	A	m³/hr	L/s	dBA@3m
CA100MD	ALV16150	100	240	50	85	2135	0.22	340	94	43
CA125MD	ALV16151	122			85	2090	0.22	450	125	45
CA150MD	ALV16153	147			85	2080	0.7	550	153	53
CA200MD	ALV16155	197			90	2100	0.7	830	231	48
CA250MD	ALV16156	247			120	2440	0.8	1000	278	52
CA315MD	ALV16157	315			120	2430	1.3	1080	300	52

Features

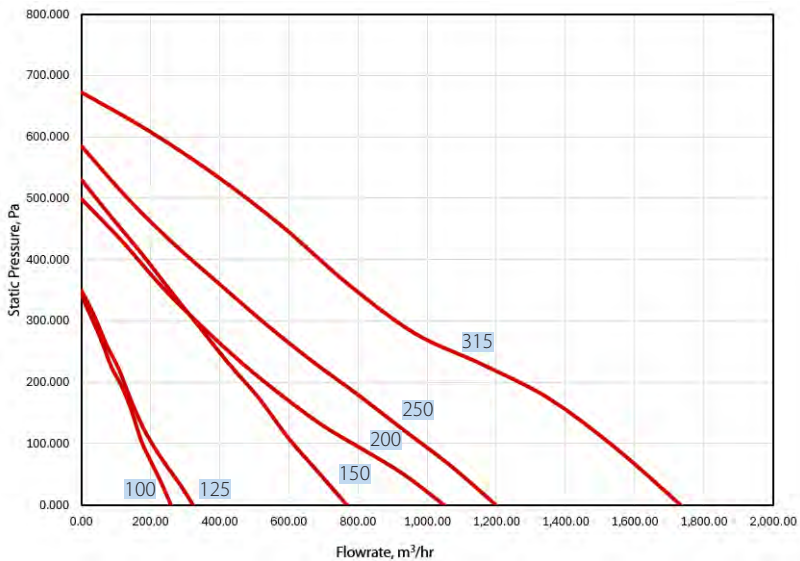
- Two/Three speed
- Polyester powder-coated metal for any weather condition
- Mounting brackets for easy installation
- Turbine fan mounted on ball-bearing motor
- Can be mounted in any position
- Protection rating IP44
- EC motor version available

Dimensions (mm)



	A	B	C	ØD	ØE	F
CA100MD	15	239	295	97	255	15
CA125MD	23	239	195	122	255	23
CA150MD	17	275	392	147	347	17
CA200MD	17	275	302	197	347	20
CA250MD	35	275	392	247	347	38
CA315MD	30	306	455	312	406	36

Performance Curves



* All models at high speed

IPX5

High performance

Easy maintenance



IN-LINE MIXED FLOW EXTRACTOR FANS

LINEO Series

LOW POWER CONSUMPTION

The Lineo Series of products are equipped with AC motors and specifically designed for horizontal or vertical installation in conduit for ventilation of residential, commercial or industrial premises.



Technical Data

Models	Code	V~ 50HZ	Speed	W (50HZ)	A	RPM	Max Airflow		Max Pressure		Sound Pressure Lp dB(A)*	Max °C (50HZ)	KG
							m³/h	l/s	mmH₂O	Pa			
LINEO 100	ALV17144	240	Min	20	0.09	1860	180	50	13	127.5	30.7	60	1.8
LINEO 100 T	ALV17185		Max	23	0.11	2450	255	70.8	16.5	161.9	39.4		
LINEO 125	ALV17145	240	Min	25	0.11	1570	250	69.4	13	127.5	33.9	60	1.8
LINEO 125 T	ALV17186		Max	33	0.15	2140	365	101.4	17	166.8	43		
LINEO 150	ALV17146	240	Min	40	0.18	1580	385	106.9	21	206	41.4	60	2.4
LINEO 150 T	ALV17187		Max	58	0.26	2100	550	152.8	27	264.9	50.5		

NEW Models	Code	V~ 50HZ	Speed	W (50HZ)	A	RPM	Max Airflow		Max Pressure		Sound Pressure Lp dB(A)*	Max °C (50HZ)	KG
							m³/h	l/s	mmH₂O	Pa			
LINEO 200	ALV17180	240	Min	80	0.34	1925	815	226.4	21.5	210.9	36.9	50	4.9
LINEO 200 T	ALV17177		Med	95	0.42	2450	1025	284.7	27.3	267.7	43.1		
			Max	110	0.49	2710	1135	315.3	30	294.2	46.9		
LINEO 250	ALV17181	240	Min	90	0.41	1500	725	201	13.9	136.5	35.5	50	5.3
			Med	120	0.54	2240	1145	318	29	284.4	40.8		
			Max	145	0.63	2730	1440	400	37.2	364.8	47		
LINEO 315	ALV17182	240	Min	190	1.14	1770	1590	442	27.1	265.8	42.9	50	9.5
			Med	260	1.57	2300	1590	588	42.2	413.9	47.6		
			Max	360	1.60	2690	2590	719	55.4	543.3	51.6		

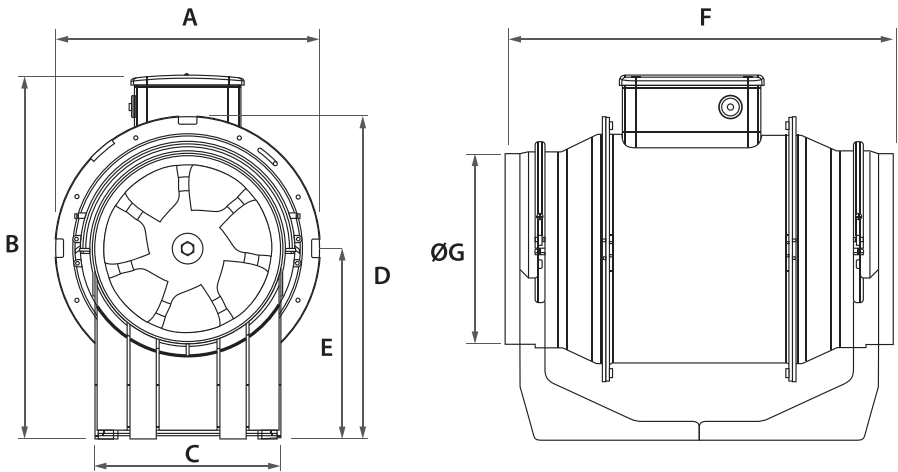
* Calculated in free field conditions at 3 m distance, spherical distribution

Lineo Series are fitted with 3-speed induction motors. Flexibility and ease of installation ideal for your specific performance-related plant requirements, consumption needs and operating costs.

They boast:

- **high performance**
- **low energy consumption**
- **low noise emissions,** and
- **ease of installation and maintenance**

Dimensions



Features

- Designed to fit into small spaces
- Easily removed to facilitate maintenance
- Optimised air flow, maximised performance and increased efficiency
- Minimal noise emissions
- High flow rates and flow around the axis of the impeller
- Long-life motors have shafts mounted on ball bearings, ensuring a virtually 'maintenance free' operation
- Timer models available

Models	A	B	C	D	E	F	ØG
LINEO 100	188.5	211	90	189	101.5	303	96
LINEO 100 T	188.5	211	90	189	101.5	303	96
LINEO 125	188.5	211	90	189	101.5	258	122
LINEO 125 T	188.5	211	90	189	101.5	258	122
LINEO 150	214.5	234	110	212	112.5	294	146
LINEO 150 T	214.5	234	110	212	112.5	294	146
LINEO 200	270	373	190	330	195	396	194.5
LINEO 200 T	270	373	190	330	195	396	194.5
LINEO 250	300	378	200	329	190	322	243
LINEO 315	373	446	309	398	224	420	307

IPX5

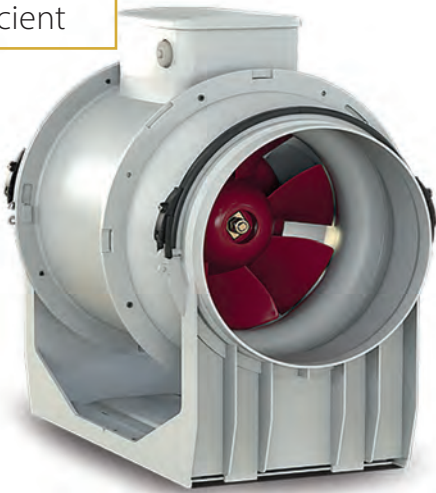
High performance

Energy efficient

IN-LINE MIXED FLOW EXTRACTOR FANS

LINEO ES Series

LOW POWER CONSUMPTION



The Lineo Series of products are equipped with EC brushless motors and specifically designed for horizontal or vertical installation in conduit for ventilation of residential, commercial or industrial premises.



Technical Data

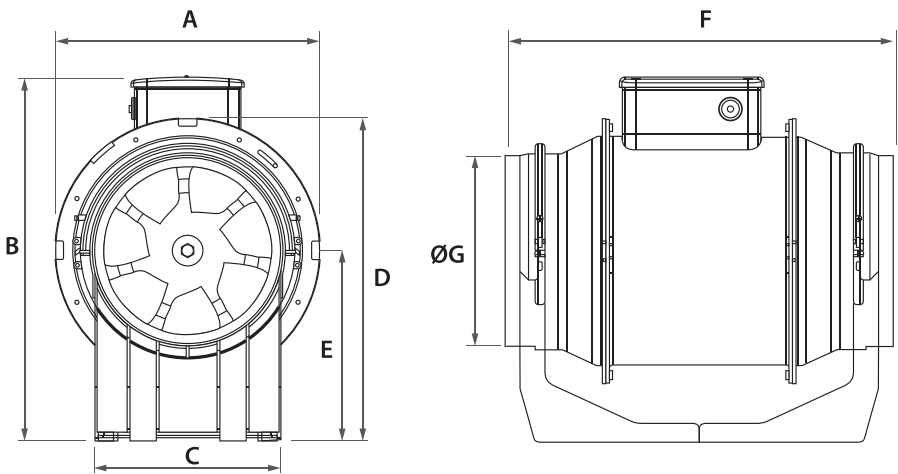
Models	Code	V ~ 50HZ	W	A	RPM	Max Airflow		Max Pressure		Sound Pressure Lp dB(A)*	Max °C	KG
						m³/h	l/s	mmH₂O	Pa			
			4V 6V 8V 10V	4V 6V 8V 10V	4V 6V 8V 10V	4V 6V 8V 10V	4V 6V 8V 10V	4V 6V 8V 10V	4V 6V 8V 10V			
LINEO 100 ES	ALV17159	240	6.5	0.07	1070	140	38.9	3.7	36.3	15	60	2.3
			8.7	0.09	1345	175	48.6	6.1	59.8	18.9		
			16	0.15	1900	250	250	11.4	111.8	27.2		
			20	0.20	2220	305	84.7	26.4	258.9	31.8		
LINEO 125 ES	ALV17178	240	7	0.07	1090	170	47.2	3.8	37.3	16.2	60	2.2
			10	0.10	1395	220	61.1	6.5	63.7	20		
			18	0.17	1940	315	87.5	11.8	115.7	28.3		
			25	0.25	2270	370	102.8	30.2	296.2	31.6		
LINEO 150 ES	ALV17179	240	11	0.10	2125	500	138.9	8.5	83.4	21	60	2.6
			17	0.16	1595	370	102.8	13.8	135.3	27.2		
			34	0.30	1260	290	80.6	22.7	222.6	35.5		
			55	0.50	2480	590	163.9	44.2	433.5	41.9		
LINEO 200 ES	ALV17167	240	15.8	0.19	1380	560	155.6	9.2	90.2	35.1	50	4.6
			25.7	0.28	1700	700	194.4	14.4	141.2	39.9		
			52.8	0.53	2220	920	255.6	24	235.4	42.3		
			90	0.80	2680	1100	305.6	34.9	342.4	44.5		
LINEO 250 ES	ALV17168	240	20	0.20	2270	750	208.3	10.4	102	29	50	5
			35	0.30	1695	995	276.4	16.3	159.9	33.7		
			80	0.70	1370	1245	345.8	27.8	272.6	40.9		
			125	1.00	2680	1500	416.7	40.5	397.2	43.4		
LINEO 315 ES	ALV17169	240	45	0.38	1310	1385	384.7	14.2	139.3	42.5	50	9.2
			75	0.64	1580	1720	477.8	21.3	208.9	44		
			165	1.35	2130	2300	638.9	37.7	369.7	44.8		
			220	1.75	2360	2560	711.1	42.3	414.8	47.5		

* Calculated in free field conditions at 3 m distance, spherical distribution

Lineo ES Series are fitted with 3-speed induction, EC brushless motors. Flexibility and ease of installation ideal for your specific performance-related plant requirements, consumption needs and operating costs. They boast:

- **high performance**
- **low energy consumption**
- **low noise emissions**, and
- **ease of installation and maintenance**

Dimensions



Features

- Designed to fit into small spaces
- Easily removed to facilitate maintenance
- Optimised air flow, maximised performance and increased efficiency
- Minimal noise emissions
- High flow rates and flow around the axis of the impeller
- Long-life motors have shafts mounted on ball bearings, ensuring a virtually ‘maintenance free’ operation
- Timer models available

Models	A	B	C	D	E	F	ØG
LINEO 100 ES	188.5	240	90	189	101.5	303	96
LINEO 125 ES	188.5	240	90	189	101.5	258	122
LINEO 150 ES	214.5	265	110	212	112.5	294	146
LINEO 200 ES	270	372.5	190	330	195	396	194.5
LINEO 250 ES	300	378	200	329	190	322	243
LINEO 315 ES	373	506	309	398	224	420	307

IPX5 rated

High performance

Sound absorbing



IN-LINE MIXED FLOW EXTRACTOR FANS

LINEO Quiet Series

MINIMAL SOUND EMISSIONS

The Lineo Quiet Range of products are equipped with AC motors and specifically designed for horizontal or vertical installation in conduit for ventilation of residential, commercial or industrial premises.



Technical Data

Models	Code	V~50 HZ	Speed	W	A	RPM	Max Airflow		Max Pressure		Sound Pressure Lp dB(A)*	Max °C	KG
							m³/h	l/s	mmH₂O	Pa			
LINEO 100 QUIET	ALV17160	240	Min	11	0.09	1455	150	41.7	9	88.3	16	45	3.8
LINEO 100 T QUIET	ALV17190		Med	24	0.11	1880	200	55.6	11.5	112.8	23.5		
			Max	27	0.13	2260	260	72.2	15	147.1	28.4		
LINEO 125 QUIET	ALV17161	240	Min	11	0.09	1125	190	52.8	8	78.5	12.3	45	3.6
LINEO 125 T QUIET	ALV17191		Med	24	0.11	1475	250	69.4	10	98.1	20.4		
			Max	27	0.13	1880	320	88.9	14	137.3	26.9		
LINEO 150 QUIET	ALV17162	240	Min	24	0.14	1040	255	70.8	10.5	103	14.4	55	5.4
LINEO 150 T QUIET	ALV17192		Med	37	0.17	1430	350	97.2	15.5	152	22.9		
			Max	50	0.22	2030	510	141.7	21.5	210.9	31.6		
LINEO 200 QUIET	ALV17164	240	Min	50	0.34	1880	805	223.6	20.6	202	27.5	50	8.6
LINEO 200 T QUIET	ALV17194		Med	80	0.42	2380	1045	290.3	26.3	257.9	32.9		
			Max	95	0.49	2690	1160	322.2	29	284.4	35.5		
LINEO 250 QUIET	ALV17165	240	Min	95	0.42	1640	960	266.7	20.2	198.1	32.2	50	13.4
			Med	125	0.55	2320	1340	372.2	30.3	297.2	38.5		
			Max	150	0.65	2750	1550	430.6	34.6	339.3	41.9		
LINEO 315 QUIET	ALV17166	240	Min	215	0.95	1930	2070	575	30.6	300.1	39.5	50	28.3
			Med	270	1.15	2360	2530	702.8	43.3	424.6	43.9		
			Max	360	1.55	2705	2890	802.8	53.6	525.7	47		

* Calculated in free field conditions at 3 m distance, spherical distribution

Lineo Quiet Series is characterised by the sound-absorbing coating, which is fully integrated in the outer casing and optimised to minimise environmental sound emissions with a high degree of protection against water (IPX5). They boast:

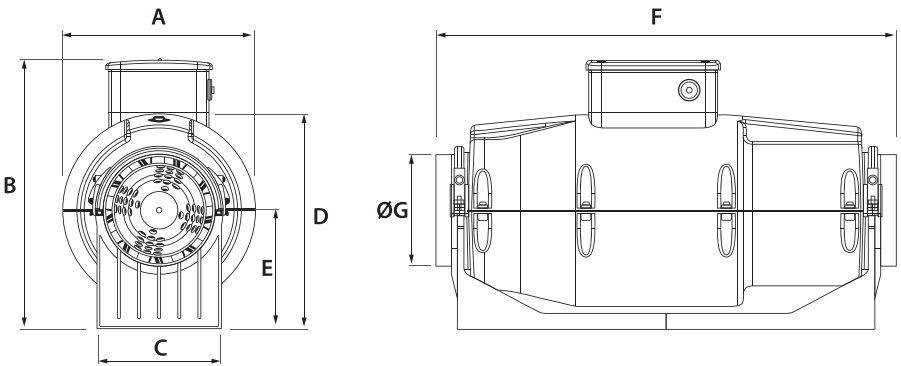
- **high performance**
- **low energy consumption**
- **low noise emissions**, and
- **ease of installation and maintenance**

Features

- Designed to fit into small spaces
- Easily removed to facilitate maintenance
- Optimised air flow, maximised performance and increased efficiency
- Minimal noise emissions
- High flow rates and flow around the axis of the impeller
- Long-life motors have shafts mounted on ball bearings, ensuring a virtually ‘maintenance free’ operation
- Timer models available
- 5 year warranty

VERSION A DIMENSIONS

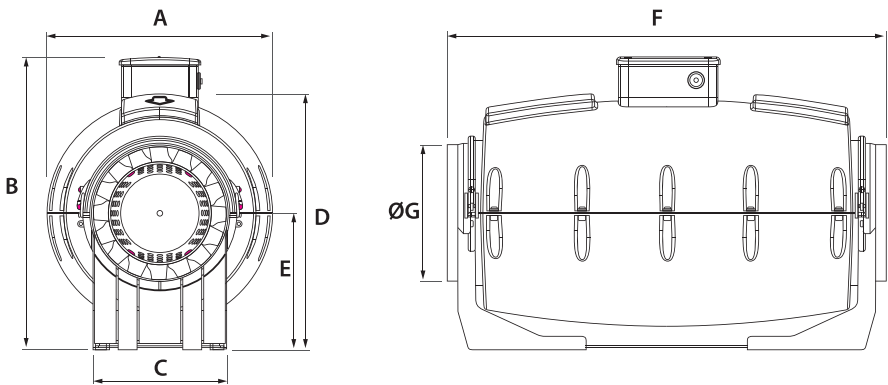
LINEO 100 QUIET - LINEO 100 T QUIET - LINEO 125 QUIET - LINEO 125 T QUIET
LINEO 150 QUIET - LINEO 150 T QUIET - LINEO 160 QUIET - LINEO 160 T QUIET



Model	A	B	C	D	E	F	ØG	Version
LINEO 100 QUIET	210	294.5	135	235	130	639	97	A
LINEO 100 T QUIET								
LINEO 125 QUIET	210	294.6	135	235	130	504.5	122	A
LINEO 125 T QUIET								
LINEO 150 QUIET	232	320.5	170	261.5	145	685	147	A
LINEO 150 T QUIET								

VERSION B DIMENSIONS

LINEO 200 QUIET - LINEO 200 T QUIET - LINEO 250 QUIET - LINEO 315 QUIET



Model	A	B	C	D	E	F	ØG	Version
LINEO 200 QUIET	322.5	417.5	190	363.5	195	625.5	194.5	B
LINEO 200 T QUIET								
LINEO 250 QUIET	318	412	200	363.5	189.5	751.5	243	B
LINEO 315 QUIET	415.5	496.5	309	441	244	940	307	B

IPX5 rated

High performance

Energy efficient

IN-LINE MIXED FLOW EXTRACTOR FANS

LINEO Quiet ES Series

HIGH PERFORMANCE



The Lineo Quiet ES Range of products are equipped with EC brushless motors and specifically designed for horizontal or vertical installation in conduit for ventilation of residential, commercial or industrial premises.

Technical Data

Model	Code	V~50/60HZ	W	A	RPM	Max Airflow		Max Pressure		Sound Pressure Lp dB(A)*	Max °C	KG
						m³/h	l/s	mmH₂O	Pa			
			4V 6V 8V 10V	4V 6V 8V 10V	4V 6V 8V 10V	4V 6V 8V 10V	4V 6V 8V 10V	4V 6V 8V 10V	4V 6V 8V 10V			
LINEO 100 QUIET ES	ALV17170	240	6.2	0.09	1140	135	37.5	3.5	34.3	9.9	60	3.8
			8.3	0.12	1450	175	48.6	5.8	56.9	15.9		
			14.7	0.18	2050	250	69.4	11.4	111.8	25.8		
			23	0.26	2510	300	83.3	24.8	243.2	30.9		
LINEO 125 QUIET ES	ALV17171	240	6.6	0.10	1080	180	50	3.3	32.4	11.3	60	3.6
			8.8	0.12	1340	225	62.5	5.6	54.9	16.4		
			16	0.18	1865	320	88.9	11	107.9	25.1		
			24	0.26	2210	380	105.6	23.7	232.4	28.7		
LINEO 150 QUIET ES	ALV17172	240	7.7	0.11	1015	250	69.4	4.6	45.1	13.7	60	5.4
			10.6	0.14	1240	305	84.7	7.5	73.6	18.6		
			20	0.24	1700	430	119.4	14.7	107.9	26		
			31	0.34	2030	515	143.1	24.2	237.3	31		
LINEO 200 QUIET ES	ALV17174	240	15.2	0.18	1380	570	158.3	8.6	84.3	19.7	50	8.6
			25.3	0.27	1705	720	200	13.9	136.3	34.8		
			52.4	0.52	2245	945	262.5	22.9	224.6	30.9		
			88	0.78	2700	1145	318.1	33.6	329.5	35.8		
LINEO 250 QUIET ES	ALV17175	240	20	0.19	1365	750	208.3	10.1	99.1	24.7	50	13.4
			35	0.28	1680	940	261.1	15.6	153	29.8		
			75	0.60	2250	1250	347.2	26.6	260.9	37.3		
			125	0.97	2680	1485	412.4	37.5	367.8	41		
LINEO 315 QUIET ES	ALV17176	240	42	0.31	1260	1400	388.9	12.9	126.5	33.5	50	28.3
			72	0.51	1560	1730	480.6	19.5	191.2	35.8		
			155	1.10	2070	2300	638.9	33.8	331.5	44.6		
			220	1.52	2350	2630	730.6	38.7	379.5	48.3		

* Calculated in free field conditions at 3m distance, spherical distribution

Lineo Quiet ES Series is characterised by the sound-absorbing coating, which is fully integrated in the outer casing and optimised to minimise environmental sound emissions with a high degree of protection against water (IPX5). They boast:

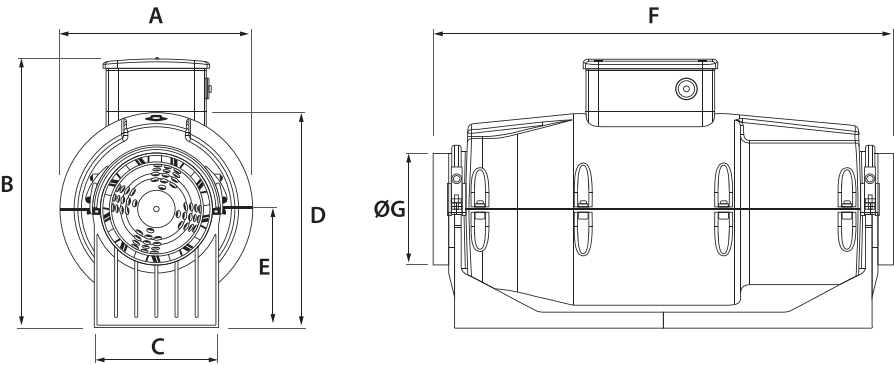
- **high performance**
- **low energy consumption**
- **low noise emissions**, and
- **ease of installation and maintenance**

Features

- Designed to fit into small spaces
- Easily removed to facilitate maintenance
- Optimised air flow, maximised performance and increased efficiency
- Minimal noise emissions
- High flow rates and flow around the axis of the impeller
- Long-life motors have shafts mounted on ball bearings, ensuring a virtually ‘maintenance free’ operation
- Timer models available
- 5 year warranty

VERSION A DIMENSIONS

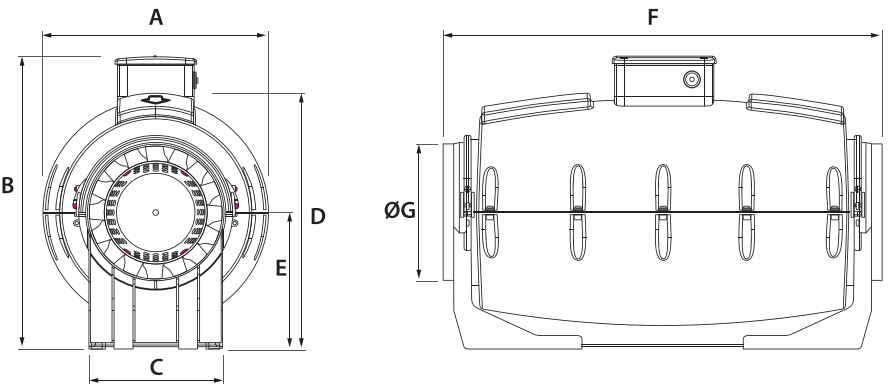
LINEO 100 QUIET ES - LINEO 125 QUIET ES - LINEO 150 QUIET ES - LINEO 160 QUIET ES



Model	A	B	C	D	E	F	ØG	Version
LINEO 100 QUIET ES	210	294.6	135	235	130	639	97	A
LINEO 125 QUIET ES	210	294.6	135	235	130	504.5	122	A
LINEO 150 QUIET ES	232	320.6	170	261.5	145	685	147	A

VERSION B DIMENSIONS

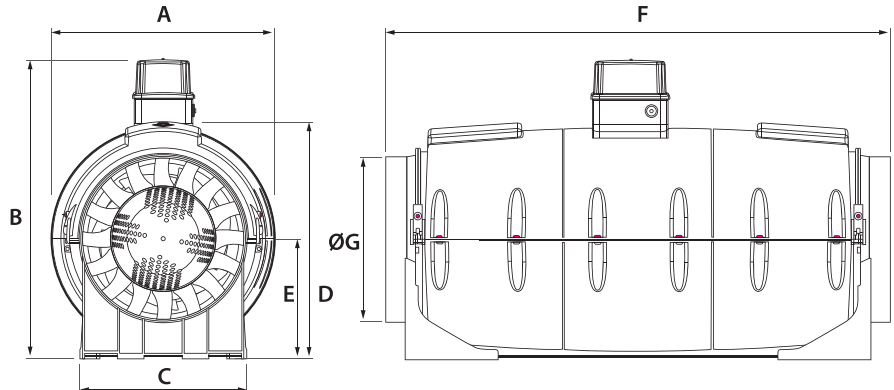
LINEO 200 QUIET ES - LINEO 250 QUIET ES



Model	A	B	C	D	E	F	ØG	Version
LINEO 200 QUIET ES	32.5	417.6	190	363.5	195	625.5	194.5	B
LINEO 250 QUIET ES	318	411.9	200	363.5	189.5	751.5	243	B

VERSION C DIMENSIONS

LINEO 315 QUIET ES



Model	A	B	C	D	E	F	ØG	Version
LINEO 315 QUIET ES	415.5	557.8	309	441	234	940	307	C

12 month warranty

Easy installation

Quiet operation

SUB FLOOR VENTILATION

SF Series

UNDERFLOOR VENTILATION SYSTEM



These underfloor fans are designed for sub floor ventilation. Available as a supply / exhaust fan, made to order. Ideal for high moisture areas.

Technical Data

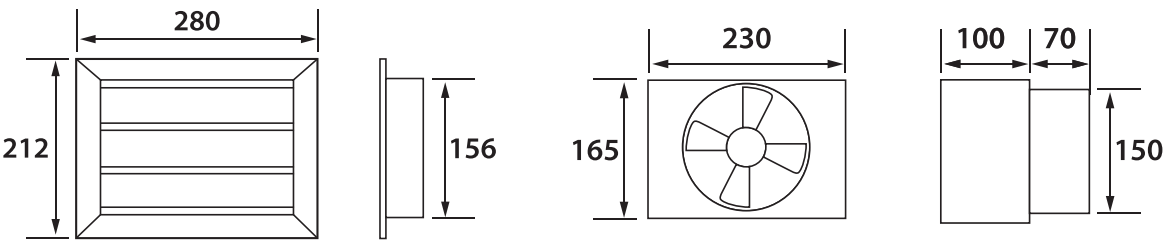
Model	Code	Flow	Cut-out Size	V	Hz	W	m³hr	L/s	dBA @3m
ALVSFE9712*	ALV252	Exhaust Fan	232 x 167	12	50	13	328	91	45
ALVSFE9724	ALV253	Exhaust Fan	232 x 167	240		35	328		
ALVSFS9712*	ALV254	Supply Fan	232 x 167	12		13	328		
ALVSFS9724	ALV255	Supply Fan	232 x 167	240		35	328		

Features

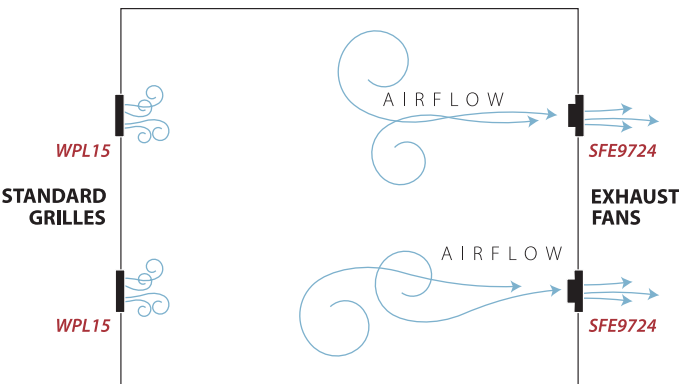
- Available in 240V and 12V
- Three pin plug (240V only)
- Quiet operation
- 12 month warranty

*Plug pack transformer included for 12v models

Dimensions

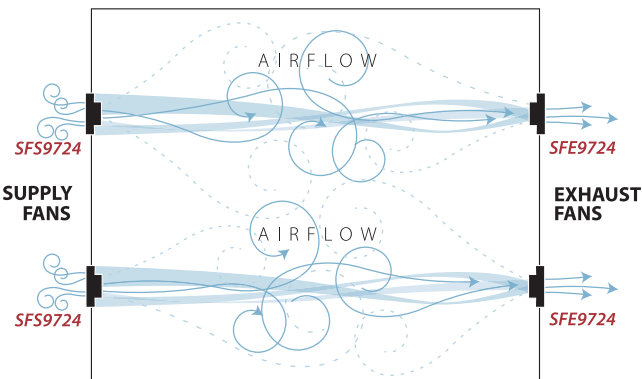


STANDARD OPTION



- **Standard grille (WPL15)** allow natural flow inlet air
- **Exhaust fan (SFE9724)** extract air from building space

RECOMMENDED OPTION



- **Supply fan (SFS9724)** introduce outside air
- **Exhaust fan (SFE9724)** extract air from building space
- Creates better cross-flow and removes air from complete building space (no 'dead' spots)



Allvent Energy Recovery Range

Wall Mounted

HRW 60 MONO EVO HCS	31
HR300 NETI	32
HR350 AVEL	33
HR450 AVEL D	34

In Ceiling Mounted

ALVER/HR	35
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ENERGY RECOVERY VENTILATION

What is an ERV?

An Energy Recovery Ventilator (ERV) is an advanced ventilation system designed to improve indoor air quality and energy efficiency by transferring heat and moisture between incoming fresh air and outgoing exhaust air. This process helps maintain a comfortable indoor environment while reducing the energy required for heating and cooling.

They play a critical role in creating sustainable, energy-efficient buildings by minimizing energy wastage while ensuring a consistent supply of fresh, filtered air.

Why use an ERV?

- Energy Efficiency
- Improved Indoor Air Quality (IAQ)
- Humidity Control
- Comfort and Climate Control
- Cost Savings
- Extended HVAC System Life

Types

Decentralised - Wall Mount type, suitable for single room applications (pg 31)

Centralised - Wall Mount, suitable in small residential/apartment applications (pg 32-35)

Centralised - In Ceiling Mount, suitable for residential/commercial applications (pg 36)

MECHANICAL VENTILATION WITH HEAT RECOVERY



VORT HRW 60

WALL MOUNT DECENTRALISED UNIT

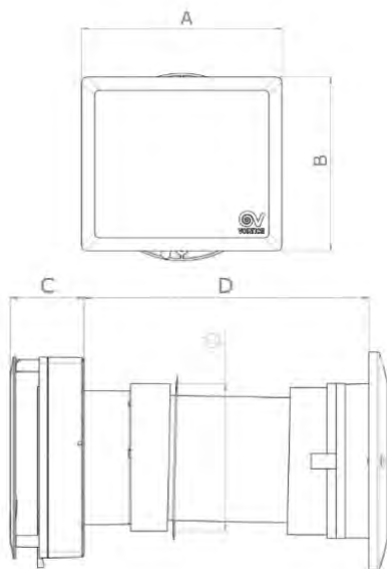
Decentralised ventilation system with heat recovery, suitable for recessed installation in outside walls. Quiet, efficient, energy saving and antiallergic, easy to install and maintain.



Technical Data

Model	Code	V	Hz	W	l/s	m³/h	Pa	dBA@3m
VORT HRW 60 MONO EVO HCS	ALV12431	240	50	7	17	60	120	44.6
VORT HRW 60 MONO EVO HCS WiFi	ALV12432	240	50	8	17	60	120	44.6

Dimensions



	A	B	C	D	Ø
VORT HRW 60 MONO EVO HCS	231	200	73	283	146
VORT HRW 60 MONO EVO HCS WiFi	231	200	73	283	146

Features

Ventilation units with decentralised heat recovery, for installation in residential buildings for improved energy efficiency. Ideal not only to ensure proper air exchange, but also to prevent excess humidity in the room and the onset of mold on the walls.

- Shockproof and anti-UV plastic resin structure.
- Ceramic heat exchanger with hexagonal cells. High heat exchange efficiency (up to 90% at minimum air flow).
- EC high-efficiency fan motor; Five operating speeds, to maximize performance, when needed, or minimize noise and consumption.
- Relative humidity probe integrated into the product.
- Automatic by-pass for free-cooling (manual activation allowed as alternative)
- Two air filters, an IsoCoarse 65% and a coarser pre-filter for dust, both easily removable for washing
- Mechanical quick-release air closure system integrated into the product chassis.
- External rubber grille, which can be installed from the outside using dowels or inserted from the inside, through the hole in the wall, without resorting to external scaffolding.
- Other models available

High performance

Energy saving

Low noise

MECHANICAL VENTILATION WITH HEAT RECOVERY

HR300 NETI

VORT HR SERIES

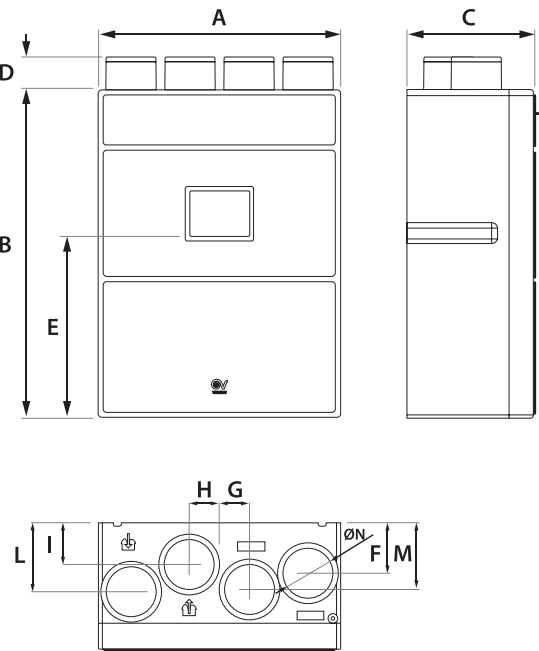
The Vort HR Series is a highly efficient, wall mounted, residential heat recovery unit with low noise and high air flow and static pressure. Ideal to suit the Australian climate!



Technical Data

Model	Code	V	Hz	W	l/s	m³/h	Pa	dBA@3m
HR300 NETI	ALV10935	240	50	190	83	300	735	28

Dimensions



Features

- The revolutionary, ultra-compact HR300 NETI, continuously-running, whole-house ventilation unit with heat recovery, is independently tested to the highest standards.
- The combination of ultra-low power consumption and a highly efficient heat exchanger is specifically designed to enhance SAP performance, yet the unit remains small enough to be easily incorporated into apartments and smaller houses. The Vort HR Series units have many new features including removable airtight filter covers for easy access to filter maintenance.
- Modern designed front panel made of plastic resin with a glossy finish
 - Round duct connection ports, nominal diameter 125mm
 - Two EC (brushless) motors with shaft turning in ball bearings, each coupled to a forward curved centrifugal impeller; three speeds, independently adjustable at the installation.
 - High-efficiency counter-flow heat exchanger
 - Automatic by-pass for free-cooling (manual activation allowed as alternative)
 - Control panel, on the front cover, allowing:
the product configuration at the installation, the manual setting of the operating mode, the automatic operation settings and the correct functioning monitoring, the system diagnostic, the constant filters status monitoring and the relative maintenance / replacement needs, firmware updates
 - Bracket for wall-mounted installation supplied as standard

	A	B	C	D	E	F	G	H	I	L	M	ØN
HR300 NETI	600	812	317	80	450	125	74	74	104	172	165	125

High performance

Energy saving

Low noise

MECHANICAL VENTILATION WITH HEAT RECOVERY

HR350 AVEL

VORT HR SERIES

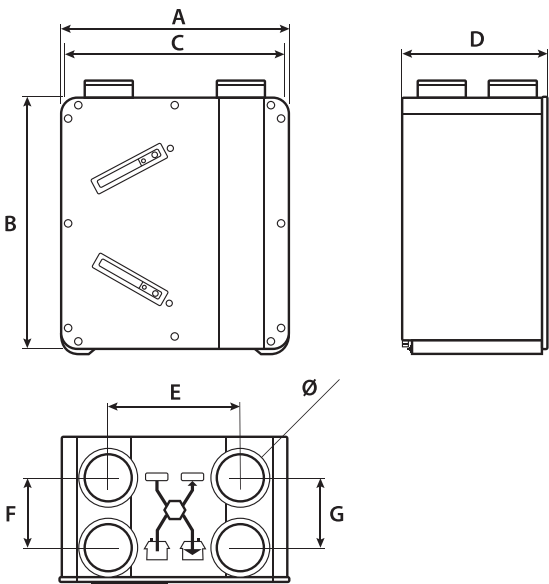
The Vort HR Series is a highly efficient, wall mounted, residential heat recovery unit with low noise and high air flow and static pressure. Ideal to suit the Australian climate!



Technical Data

Model	Code	V	Hz	W	l/s	m³/h	Pa	dBA@3m
HR350 AVEL	ALV12106	240	50	165	100	350	880	23.1

Dimensions



	A	B	C	D	E	F	G	Ø
HR350 AVEL	712	845	700	455	410	220	215	150

Features

- Plastic (PPE) fire-resistant enclosure (DIN EN 13501). Brackets for wall-mounted installation supplied as standard
- Front panel made of plastic resin, integrating covers for filters direct access
- Round duct connection ports, nominal diameter 150mm
- Two EC (brushless) motors, external rotor, with shaft turning in ball bearings to grant a "maintenance free" functioning, each coupled to a backward curved centrifugal impeller; two speeds, independently adjustable at the installation.
- High efficiency counter-flow heat exchanger
- Automatic frost-protection to prevent icing on the heat exchanger
- Automatic, 100% filtered, mechanic by-pass, granting people comfort in the rooms in mid-season or when the weather does not require the action of the heat exchanger
- Wired control panel with LCD display, which allows:
 - to switch on / off the unit; the first set-up; to set the speed;
 - to set the weekly timer; to show time and room temperature;
 - to monitor the correct product operation (any faults are shown on the display); to show the filters status
- Two M5 filters (F7 filter for air supply duct available as optional), easy access for periodic maintenance
- Condense water tray with discharge pipes
- Possibility of connection to environmental external sensors (available as optional), for automatic functioning control

How it works

A central, continuously-running, mechanical supply and extract fan extracts air from moisture-producing areas such as kitchens and bathrooms to remove odours and humidity. The air is passed over the heat exchanger transferring a high proportion heated extract air to the incoming air, which is then distributed to other rooms.

Whole-building ventilation is maintained by a contrast flow of air between input and extract points. A boost facility provides rapid extraction when necessary. As an alternative, every room may have an individual unit as opposed to a centrally located and ducted unit.

High performance

Energy saving

Low noise

MECHANICAL VENTILATION WITH HEAT RECOVERY

HR450 AVEL D

VORT HR SERIES



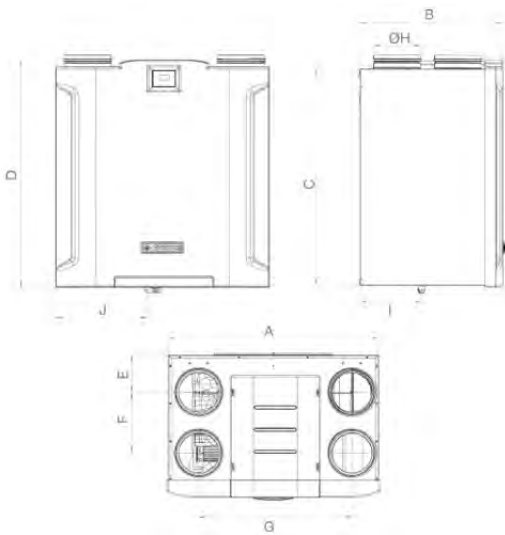
The Vort HR Series is a highly efficient, wall mounted, residential heat recovery unit with low noise and high air flow and static pressure. Ideal to suit the Australian climate!



Technical Data

Model	Code	V	Hz	W	l/s	m³/h	Pa	dBA@3m
HR450 AVEL D	ALV12101	240	50	350	110	400	680	26.7

Dimensions



	A	B	C	D	E	F	G	ØH	I	J
HR450 AVEL	708	480	730	766	125	205	516	158	207	308

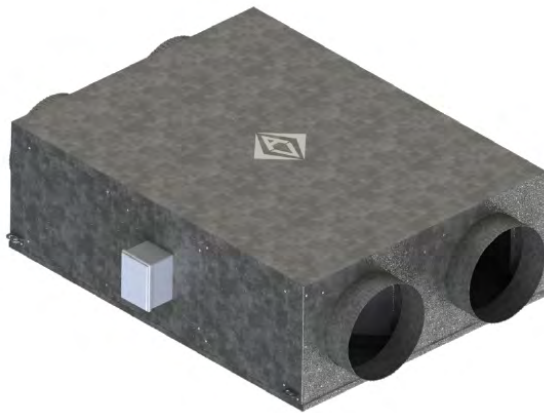
Features

- Galvanized and painted sheet steel enclosure.
- Aesthetic front panel made of plastic resin (ABS). Internal components made of EPP.
- Round duct connection ports, nominal diameter 160mm
- 2 EC (brushless) motors, external rotor, controlled at constant airflow (CAV), with shaft turning in ball bearings to grant a “maintenance free” functioning, each coupled to a forward curved centrifugal impeller; 4 speeds, independently adjustable at the installation
- High efficiency counter-flow heat exchanger
- Automatic frost-protection to prevent icing on the heat exchanger
- Automatic, 100% filtered, mechanic by-pass, granting people comfort in the rooms in mid-season or when the weather does not require the action of the heat exchanger
- 3 x ISO Coarse 90% (G4) filters, respectively on extraction, supply ports and for the by-pass. ePM10 50% (M5) and ePM1 55% (F7) filters available as optional per the supply port and for by-pass.
- Wired control panel with LCD display, which allows:
 - to switch on / off the unit; the first set-up; to set the speed;
 - to set the weekly timer; to show time and room temperature;
 - to monitor the correct product operation (any faults are shown on the display); to show the filters status
- Brackets for wall-mounted installation supplied as standard. Two M5 filters (F7 filter for air supply duct available as optional), easy access for periodic maintenance
- Condense water tray with discharge pipes
- Possibility of connection to environmental external sensors (available as optional), for automatic functioning control

MECHANICAL VENTILATION WITH HEAT RECOVERY

ALVER/HR

IN CEILING ENERGY RECOVERY RANGE



Designed for commercial, industrial, and residential settings, our ERUs combine performance, efficiency, and sustainability, making them an indispensable part of modern HVAC systems.

Working

The basic principle involves extracting heat from the outgoing air (which is being exhausted from the building) and transferring it to the incoming fresh air. This process helps preheat the incoming air during colder months and pre-cool it during warmer months, reducing the load on the heating or cooling system.

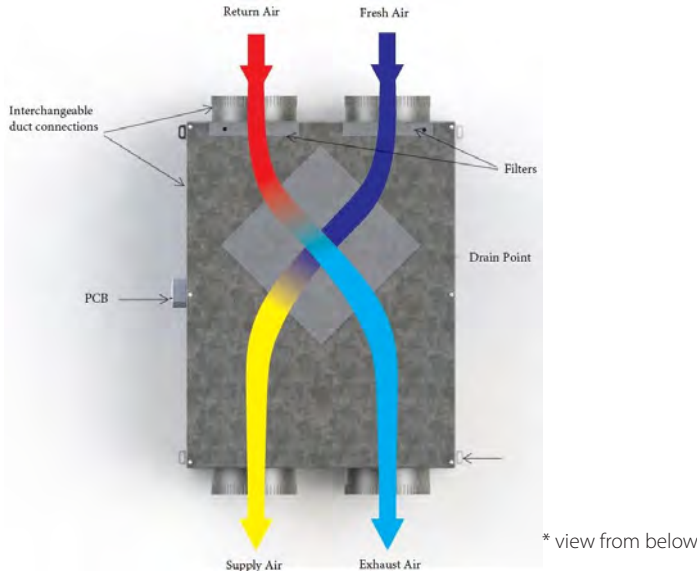
Using heat recovery units leads to energy savings, lower heating and cooling costs, and improved indoor air quality by providing a constant supply of fresh, filtered air. These systems are used in residential, commercial, and industrial buildings to meet ventilation requirements while minimizing energy wastage.

Features

- Energy efficiency EC plug fans
- Galvanised Sheet metal construction
- 2x G4 Filter Fitted
- Speed controllable by 0-10V DC control via BMS or by built in fan speed pots
- High efficiency cross flow type heat exchanger
- Interchangeable duct connections for high flexibility
- Available in both Enthalpy and Sensible only media
- The Energy Recovery (Enthalpy) type media is made of Polymer Membrane which is used to recover both Temperature and Humidity
- The Heat Recovery (Sensible) type media is made of Aluminium which is used to recover Temperature only.



Equipment Layout



Technical Data

Model	Code	Hz	V	A (Nom)	Nominal Airflow (l/s)	Phase	Filter		Heat Exchanger		Dimensions LxWxH	Weight (kg)
							Grade	Qty	Type	Options		
ALVER 150	ALV80100	50	230	3.8	150	1	G4	2	Cross Flow	Enthalpy^ or Sensible*	820x610x294	60
ALVER 250	ALV80101		230	6.0	250	1		2			1082x808x422	108
ALVER 350	ALV80102		230	6.6	350	1		2			1224x950x422	115
ALVER 450	ALV80103		230	11.2	450	1		2			1283x1100x422	138
ALVER 650	ALV80104		230	11.2	650	1		2			1478x1212x478	170
ALVER 950	ALV80105		400	4.6	950	3		4			1598x1286x648	190
ALVER 1250	ALV80106		400	8.2	1250	3		4			1592x1278x848	220

^ Use model ALVER-xxx for Enthalpy option
* Use model ALVHR-xxx for Sensible only option

Dimensions

	A	B	C	D	E	F	G	H
ALVER 150	611	820	1004	820	58	294	Ø200	302
ALVER 250	808	1082	1266	1082	58	422	Ø250	400
ALVER 350	950	1224	1409	1224	58	422	Ø300	471
ALVER 450	1100	1283	1466	1283	58	422	Ø350	541
ALVER 650	1212	1478	1667	1478	94.5	478	400x400	-
ALVER 950	1286	1598	1787	1598	94.5	648	450x450	-
ALVER 1250	1278	1592	1787	1592	97.5	848	610x510	-



Ventilation Kit Range

Ventilation Kits

ALVA40 Kit	38
ALVA60 Kit	38
ALVMFI150 Kit	38
ALVMFI200 Kit	38
Slim4A Kit	39
Slim5A Kit	39
Slim6A Kit	39

Air Transfer Kits

AT Kit 1A	40
AT Kit 1	40
AT Kit 2	40
AT Kit 3	40

Lineo Quiet ATS Kits

ATS Kit 1	41
ATS Kit 2	41
ATS Kit 3	41

Prestige Bathroom Kits

ALVP Kit 1	43
ALVP Kit 2	43
ALVP Kit 3	43

Universal Rangehood Kit

ALVURK	44
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KITS TO SUIT ALL APPLICATIONS

Ventilation Kits

COMPLETE PACKAGE IN ONE BOX

Ventilating to the outside prevents condensation damage to roof areas.



ALVA60 Kit

Code	ALV905
------	--------

- 1 x A60 in-line fan
- 1 x 150mm diameter x 3m length duct
- 1 x 150mm fixed grille, 1 x 150mm jet grille



ALVA40 Kit

Code	ALV904
------	--------

- 1 x A40 in-line fan
- 1 x 100mm diameter x 3m length duct
- 1 x 100mm fixed grille, 1 x 100mm cone grille



ALVMFI150 Kit

Code	ALV9030
------	---------

- 1 x MFI150 in-line fan
- 1 x 150mm diameter x 6m length duct
- 1 x 150mm fixed grille, 1 x 150mm cone grille

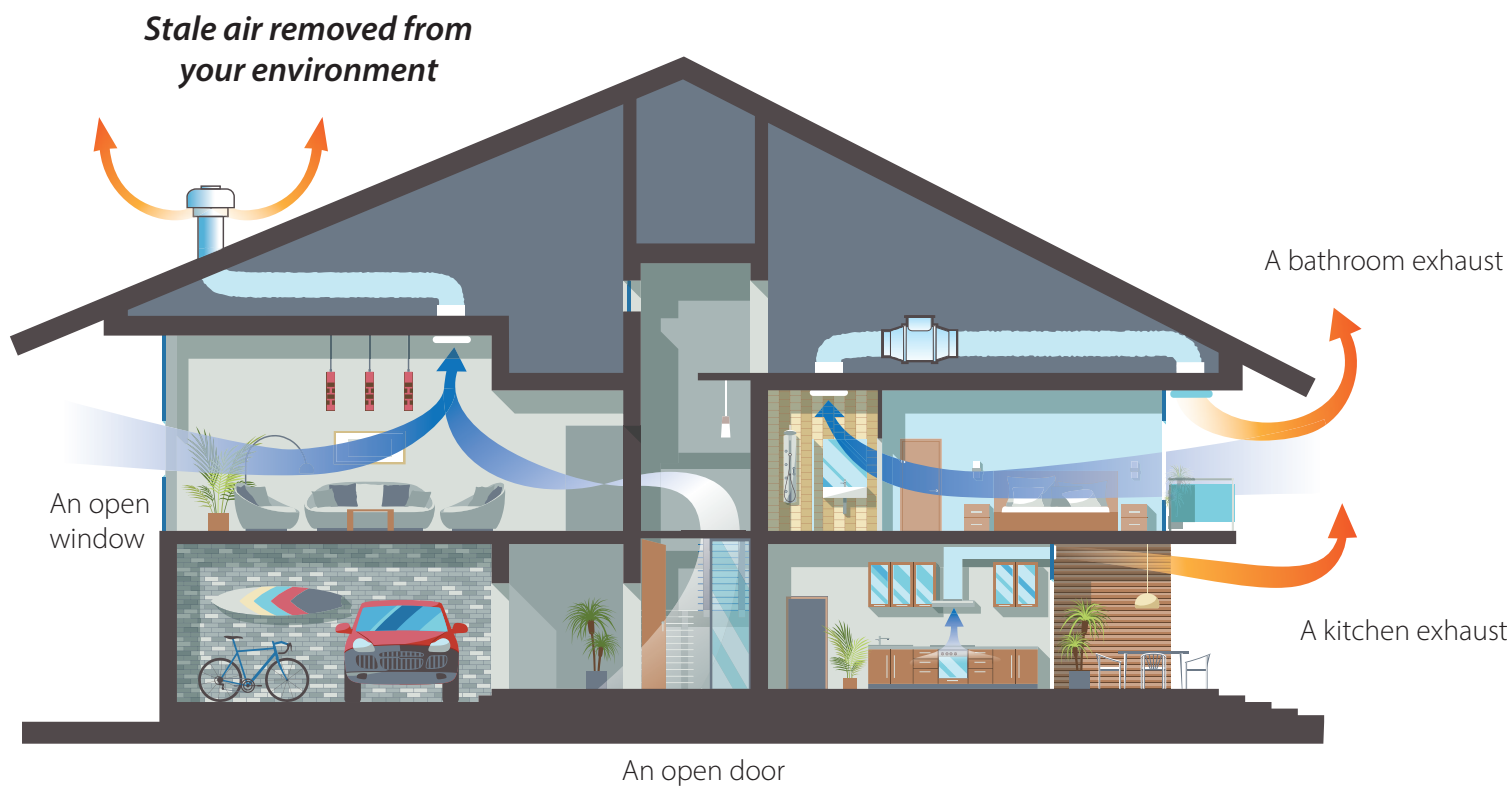


ALVMFI200 Kit

Code	ALV9033
------	---------

- 1 x MFI200 in-line fan
- 1 x 200mm diameter x 6m length duct
- 1 x 200mm fixed grille, 1 x 200mm cone grille

The above kits are available with A80, Lineo and Lineo Quiet models



ALVSLIM4A Kit

Code	ALV906
• 1 x SLIM4A	
• 1 x 100mm diameter x 3m length duct	
• 1 x 100mm fixed grille	



ALVSLIM5A Kit

Code	ALV914
• 1 x SLIM5A	
• 1 x 125mm diameter x 3m length duct	
• 1 x 125mm fixed grille	



ALVSLIM6A Kit

Code	ALV907
• 1 x SLIM6A	
• 1 x 150mm diameter x 3m length duct	
• 1 x 150mm fixed grille	

For more information on fans indicated:

<i>Slim Evolution Series</i>	<i>pg 9</i>
<i>A Series</i>	<i>pg 17</i>
<i>Lineo Series</i>	<i>pg 20</i>
<i>Jet Centre grille</i>	<i>pg 50</i>
<i>Fixed and Gravity grille</i>	<i>pg 51</i>

We design kits
to suit your needs.



SHARE THE WARMTH/COOL

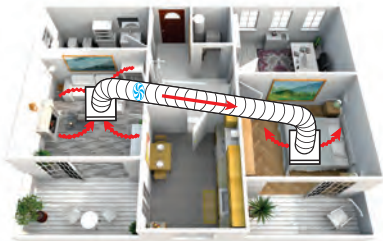
Air Transfer Kits

EXTRACT AND SUPPLY

Transfer cold/warm air from air conditioners, fireplace and heaters from one room to another. Four kits specially designed to suit your family's needs.

Send us your floor plans and we will design a **Air Transfer System** for your home!

Kit 1/1A: Room to Room



ALVMFI150ATKIT1

- 1 x MFI150 in-line mixed-flow fan
 - 2 x 6WRC-150mm cone grilles
 - 1 x 6m/150mm insulated flex
 - 1 x VA500 speed controller
 - 1 x duct tape
- » For Lineo kit use ALV150ATKIT1 (ALV908)

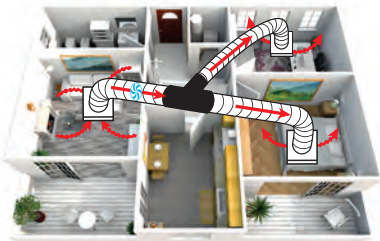
ALVA60ATKIT1A

- 1 x A60 axial fan
- 2 x 6WRC-150mm cone grilles
- 1 x 6m/150mm insulated flex
- 1 x VA500 speed controller
- 1 x duct tape

Technical Data

Model (150/200)	Code	L/s	m³/hr	dBA
ALVMFI150ATKIT1	ALV901	153	550	33
ALVA60ATKIT1A	ALV909	91	328	41
ALVMFI200ATKIT1	ALV9122	226	815	42
ALV200ATKIT1	ALV9121	315	1135	42

Kit 2: One Room to Two Rooms



ALVMFI150ATKIT2

- 1 x MFI150 in-line mixed-flow fan
 - 3 x 6WRC-150mm cone grilles
 - 2 x 6m/150mm insulated flex
 - 1 x 150mm Y fitting
 - 1 x VA500 speed controller
 - 1 x duct tape
- » For Lineo kit use ALV150ATKIT2 (ALV910)

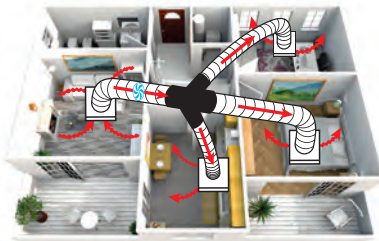
ALVMFI200ATKIT2

- 1 x MFI200 in-line mixed-flow fan
 - 1 x 8WRC-200mm cone grille
 - 2 x 6WRC-150mm cone grilles
 - 1 x 6m/200mm insulated flex
 - 2 x 6m/150mm insulated flex
 - 1 x 200/150/150mm Y fitting
 - 1 x VA500 speed controller
 - 1 x duct tape
- » For Lineo kit use ALV200ATKIT2 (ALV9112)

Technical Data

Model	Code	L/s	m³/hr	dBA
ALVMFI150ATKIT2	ALV902	153	550	33
ALVMFI200ATKIT2	ALV9110	226	815	42

Kit 3: One Room to Three Rooms



ALVMFI200ATKIT3

- 1 x MFI200 in-line mixed-flow fan
 - 1 x 8WRC-200mm cone grille
 - 3 x 6WRC-150mm cone grilles
 - 1 x 6m/200mm insulated flex
 - 2 x 6m/150mm insulated flex
 - 1 x DBTO-200/150/150/150
 - 1 x VA500 speed controller
 - 1 x duct tape
- » For Lineo kit use ALV200ATKIT3 (ALV911)

Technical Data

Model	Code	L/s	m³/hr	dBA
ALVMFI200ATKIT3	ALV9114	226	815	42

All Allvent Air Transfer Kits

come with speed controller and cone grilles as standard. Cone grilles can be changed to jet centre grilles upon request.

WHISPER QUIET, ROOM TO ROOM

Lineo Quiet ATS Kits

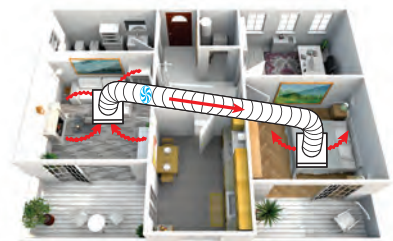
EXTRACT AND SUPPLY



The Lineo QUIET mixed-flow fan is specially designed for excellent sound attenuation.

Ideal to boost comfort levels in bedrooms and study areas where noise levels must be at a minimum.

Kit 1: Room to Room



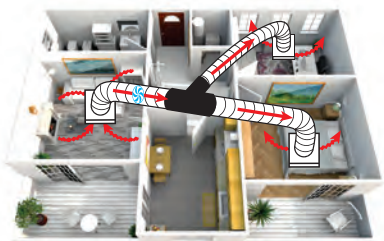
ALV150ATSKIT1

- 1 x Lineo 150 QUIET in-line mixed-flow fan
- 2 x 6WRC–150mm ceiling grilles
- 1 x 6m/150mm insulated flex
- 1 x VA500 speed controller
- 1 x 2 pin flex & plug
- 1 x duct tape

Technical Data

Model	Code	L/s	m³/hr	dBA
ALV150ATS KIT1	ALV912	140	550	31

Kit 2: One Room to Two Rooms



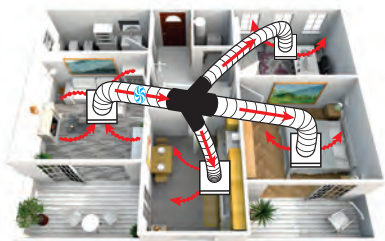
ALV150ATSKIT2

- 1 x Lineo 150 QUIET in-line mixed-flow fan
- 3 x 6WRC–150mm ceiling grilles
- 2 x 6m/150mm insulated flex
- 1 x 150mm Y fitting
- 1 x VA500 speed controller
- 1 x 2 pin flex & plug
- 1 x duct tape

Technical Data

Model	Code	L/s	m³/hr	dBA
ALV150ATS KIT2	ALV913	140	550	31

Kit 3: One Room to Three Rooms



ALV200ATSKIT3

- 1 x Lineo 200 QUIET in-line mixed-flow fan
- 1 x 2 pin flex & plug
- 1 x 8WRC–200mm cone grille
- 3 x 6WRC–150mm cone grilles
- 1 x 6m/200mm insulated flex
- 2 x 6m/150mm insulated flex
- 1 x DBTO–200/150/150/150
- 1 x VA500 speed controller
- 1 x duct tape

Technical Data

Model	Code	L/s	m³/hr	dBA
ALV200ATS KIT3	ALV920	320	1160	35.5

For more information on fans indicated:

- A Series pg 17
- Lineo Series pg 20
- Lineo Quiet Series pg 24
- Grilles and Accessories pg 50



EXHAUST KITS

Prestige Bathroom Kits

EXCLUSIVE

The Lineo QUIET Series silent, mixed-flow fans are specially designed for excellent sound attenuation. Ideal for environments where noise levels must be at a minimum.*

Allvent showcases Prestige Range Quality, excellence in airflow, and practical application with modern styling, specifically designed for the architect and selective home owner.

* Lineo QUIET
mixed flow fan

Flexible core ducting

Prestige
exhaust grille

Stainless steel
external grille

* See Page 24 for more information on the Lineo QUIET Series.



Its in the box.

- Your choice between 3 x Prestige exhaust grilles
- Lineo 150 QUIET mixed flow fan
- Flexible core ducting
- Stainless steel external gravity grille



Prestige Bathroom Exhaust Kit 1

Model	Code
ALVPKIT1	ALV1910

Frameless Grille
Gyprock set



Prestige Bathroom Exhaust Kit 2

Model	Code
ALVPKIT2	ALV1911

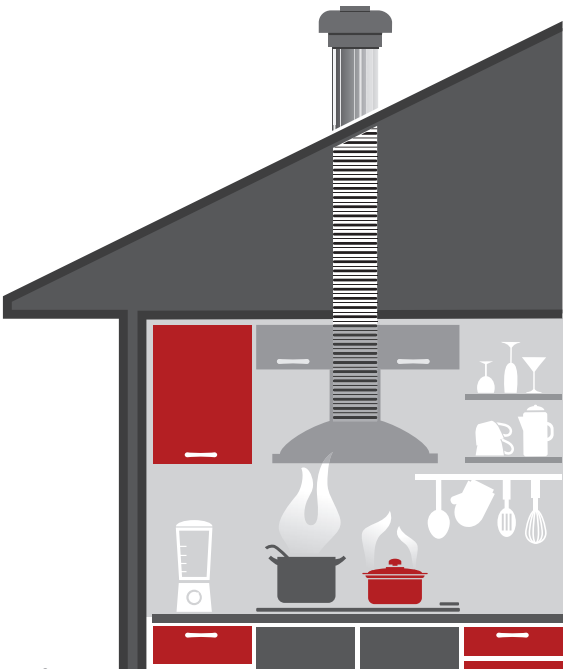
Framed Grille



Prestige Bathroom Exhaust Kit 3

Model	Code
ALVPKIT3	ALV1912

Round Frameless Grille
Gyprock set



OPTIMISING RANGEHOOD PERFORMANCE

Universal Rangehood Kit

125/150MM

- Cleaner home environment
- Clean roof space
- Improves efficiency
- Reduces fire risks

Model	Code
ALVURK125MKIT	ALV9115
ALVURK125TKIT	ALV9117
ALVURK150MKIT	ALV9116
ALVURK150TKIT	ALV9118

Alternate Venting Options

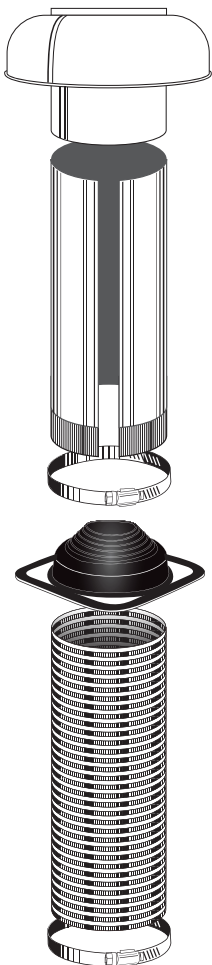


Wall
GRAVITY VENT



Eave
GRILLE VENT

Rangehood Components



Roof Mushroom Cowl
Superior weather protection

Brace Strap
In-roof support for solid duct

Clip Seam Solid Duct
150mm x 610mm

Metal Worm Drive Clamp
Secures duct fitting

Metal Roof Flashing
Roof weather protection

Semi-Rigid Aluminium Duct
150mm x 3m

Metal Worm Drive Clamp
Secures duct fitting



Accessories and Essentials

Prestige Grille Range

Frameless Square Ceiling Grille	46
Frameless Round Ceiling Grille	47
Slim Square Ceiling Grille	48

Grilles and Accessories

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Internal Ceiling Grilles	50
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External Wall Grilles: Plastic	51
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Controllers	56
Variable Speed Drives (VSD)	57
Accessories	58
Flat Pack Ducting	59

PRESTIGE RANGE

Square Ceiling Grille

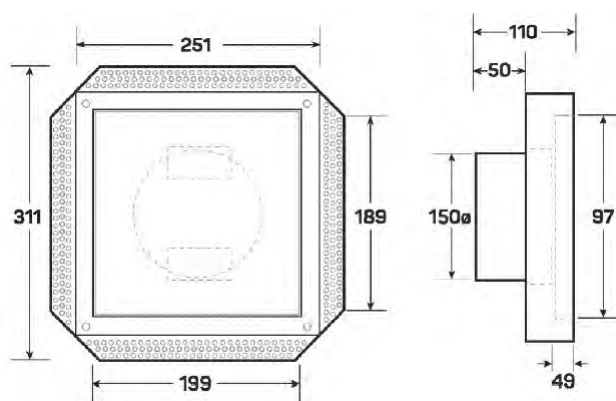
FRAMELESS AND FLUSH TO CEILING

Prestige appeal for the discerning architect,
interior designer or home builder.



Model	Code
ALVFCG150	ALV810

Dimensions

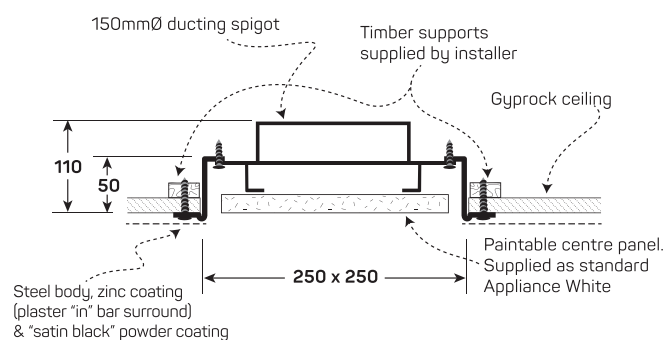


Features

The Allvent Frameless Square Ceiling Grille is set flush in the gyprock, creating a timeless and minimalistic look for your bathroom, laundry or anywhere that stylish venting may be required. The elegant grille design allows for ventilation to occur around the extremities of the centre panel, increasing efficiency and streamlining your ceiling space.

The Allvent Frameless Square Ceiling Grille (250mm x 250mm) has a white powder-coated metal centre panel that connects to a black powder-coated metal internal housing with a 150mm spigot. Once the grille is positioned, the centred spigot will hold the flexible duct in place and the centre panel will be level with the ceiling. Ideally, the centre panel can be painted the ceiling colour to further perfect the seamless appeal.

Installation Guide



PRESTIGE RANGE

Slim Square Ceiling Grille

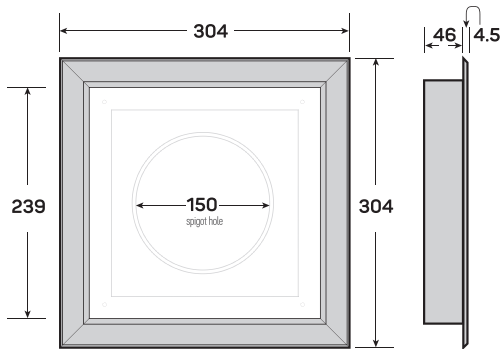
FRAMED AND FLUSH TO CEILING

Prestige appeal for the discerning architect, interior designer or home builder.



Model	Code
ALVSCG150	ALV811

Dimensions

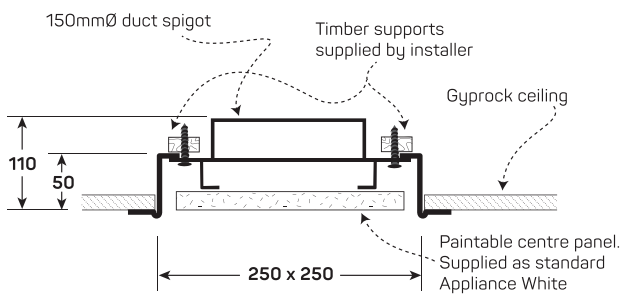


Features

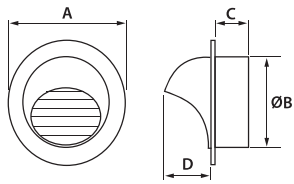
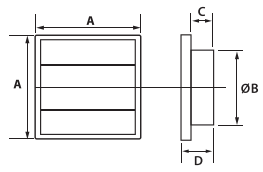
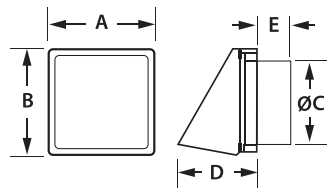
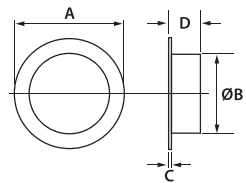
The Allvent Slim Square Ceiling Grille creates a timeless and minimalistic look for your bathroom, laundry or anywhere that stylish venting may be required. The elegant grille design allows for ventilation to occur around the extremities of the centre panel, increasing efficiency and streamlining your ceiling space.

The Allvent Slim Square Ceiling Grille (250mm x 250mm) has a white powder-coated metal centre panel that connects to a black powder-coated metal internal housing with a 150mm spigot. Once the grille is positioned, the centred spigot will hold the flexible duct in place and the centre panel will be level with the ceiling. Ideally, the centre panel can be painted the ceiling colour to further perfect the seamless appeal.

Installation Guide



WALL/EAVE STAINLESS STEEL GRILLES – 304 GRADE

Model	Code	Technical Data																																			
 	ALV201 ALV202 ALV203	 <table><tr><th>Model</th><th>Code</th><th>Duct Size</th><th>A</th><th>B</th><th>C</th><th>D</th></tr><tr><td>ALVDG100</td><td>ALV201</td><td>100</td><td>150</td><td>95</td><td>50</td><td>95</td></tr><tr><td>ALVDG125</td><td>ALV202</td><td>125</td><td>180</td><td>120</td><td>50</td><td>110</td></tr><tr><td>ALVDG150</td><td>ALV203</td><td>150</td><td>205</td><td>145</td><td>60</td><td>110</td></tr></table>	Model	Code	Duct Size	A	B	C	D	ALVDG100	ALV201	100	150	95	50	95	ALVDG125	ALV202	125	180	120	50	110	ALVDG150	ALV203	150	205	145	60	110							
Model	Code	Duct Size	A	B	C	D																															
ALVDG100	ALV201	100	150	95	50	95																															
ALVDG125	ALV202	125	180	120	50	110																															
ALVDG150	ALV203	150	205	145	60	110																															
 	ALV204 ALV205 ALV206 ALV207	 <table><tr><th>Model</th><th>Code</th><th>Duct Size</th><th>A</th><th>B</th><th>C</th><th>D</th></tr><tr><td>ALVGG100</td><td>ALV204</td><td>100</td><td>150</td><td>95</td><td>55</td><td>70</td></tr><tr><td>ALVGG125</td><td>ALV205</td><td>125</td><td>180</td><td>120</td><td>55</td><td>75</td></tr><tr><td>ALVGG150</td><td>ALV206</td><td>150</td><td>180</td><td>145</td><td>65</td><td>85</td></tr><tr><td>ALVGG200</td><td>ALV207</td><td>200</td><td>260</td><td>195</td><td>65</td><td>85</td></tr></table>	Model	Code	Duct Size	A	B	C	D	ALVGG100	ALV204	100	150	95	55	70	ALVGG125	ALV205	125	180	120	55	75	ALVGG150	ALV206	150	180	145	65	85	ALVGG200	ALV207	200	260	195	65	85
Model	Code	Duct Size	A	B	C	D																															
ALVGG100	ALV204	100	150	95	55	70																															
ALVGG125	ALV205	125	180	120	55	75																															
ALVGG150	ALV206	150	180	145	65	85																															
ALVGG200	ALV207	200	260	195	65	85																															
 	ALV208 ALV209 ALV210	 <table><tr><th>Model</th><th>Code</th><th>Duct Size</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th></tr><tr><td>ALVHG100</td><td>ALV208</td><td>100</td><td>150</td><td>150</td><td>95</td><td>75</td><td>55</td></tr><tr><td>ALVHG125</td><td>ALV209</td><td>125</td><td>180</td><td>180</td><td>120</td><td>91</td><td>55</td></tr><tr><td>ALVHG150</td><td>ALV210</td><td>150</td><td>180</td><td>180</td><td>145</td><td>91</td><td>60</td></tr></table>	Model	Code	Duct Size	A	B	C	D	E	ALVHG100	ALV208	100	150	150	95	75	55	ALVHG125	ALV209	125	180	180	120	91	55	ALVHG150	ALV210	150	180	180	145	91	60			
Model	Code	Duct Size	A	B	C	D	E																														
ALVHG100	ALV208	100	150	150	95	75	55																														
ALVHG125	ALV209	125	180	180	120	91	55																														
ALVHG150	ALV210	150	180	180	145	91	60																														
 	ALV211 ALV212 ALV213 ALV214	 <table><tr><th>Model</th><th>Code</th><th>Duct Size</th><th>A</th><th>B</th><th>C</th><th>D</th></tr><tr><td>ALVEG100</td><td>ALV211</td><td>100</td><td>145</td><td>95</td><td>5</td><td>50</td></tr><tr><td>ALVEG125</td><td>ALV212</td><td>125</td><td>180</td><td>120</td><td>5</td><td>50</td></tr><tr><td>ALVEG150</td><td>ALV213</td><td>150</td><td>205</td><td>145</td><td>5</td><td>60</td></tr><tr><td>ALVEG200</td><td>ALV214</td><td>200</td><td>265</td><td>195</td><td>5</td><td>70</td></tr></table>	Model	Code	Duct Size	A	B	C	D	ALVEG100	ALV211	100	145	95	5	50	ALVEG125	ALV212	125	180	120	5	50	ALVEG150	ALV213	150	205	145	5	60	ALVEG200	ALV214	200	265	195	5	70
Model	Code	Duct Size	A	B	C	D																															
ALVEG100	ALV211	100	145	95	5	50																															
ALVEG125	ALV212	125	180	120	5	50																															
ALVEG150	ALV213	150	205	145	5	60																															
ALVEG200	ALV214	200	265	195	5	70																															

Dome Grille: DG

Designed for exhaust ventilation where adverse weather conditions are experienced. Insect mesh included. Bushfire compliant BAL40.

Ember-proof mesh fitted in back

Gravity Grille: GG

The gravity louvered grille is designed to allow air to be vented to the atmosphere while protecting against backdraft and vermin entry. Requires a minimum 20Pa pressure to open (100mm). Bushfire compliant BAL40.

Ember-proof mesh fitted in back

Hood Grille: HG

Designed for use where adverse weather conditions are experienced. Stainless Weatherproof cowl requires a minimum 10Pa pressure to open. Bushfire compliant BAL40.

Ember-proof mesh fitted in back

Eave Grille: EG

The round, flush eave grille is ideal for under-eave venting. Can be used as an inlet or outlet vent. Bushfire compliant BAL40.

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INTERNAL CEILING GRILLES

Stainless Steel Cone Grille: CG

Commonly used for air intake, the design of these ceiling diffusers accept air from surrounding surfaces and not directly below. Ideal for heat, smoke and vapour extraction/transfer. Simple airflow control – screw the inverted cone centre.

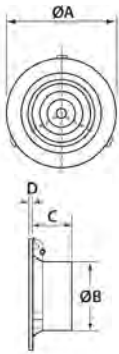
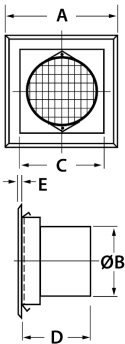
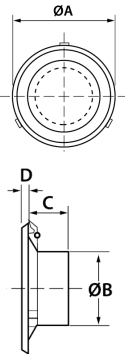
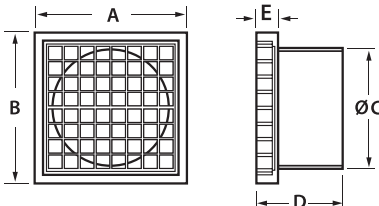
ALV227
ALV228
ALV229
ALV230

Model	Code	Duct Size	Cutout size*	A	B	C	D
ALVCG100	ALV227	100	97	140	98	45	9
ALVCG125	ALV228	125	118	175	123	45	12
ALVCG150	ALV229	150	145	220	148	60	20
ALVCG200	ALV230	200	194	275	198	65	20

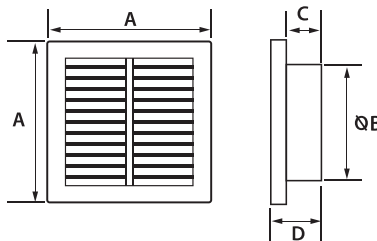
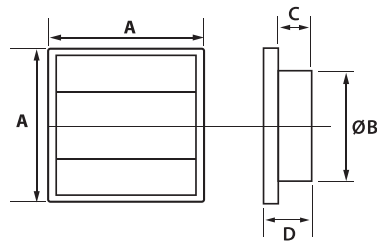
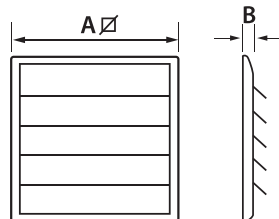
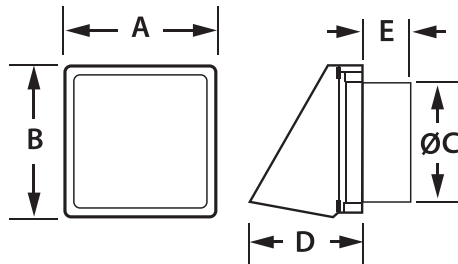
Stainless Steel Cone Grille: CG

Commonly used for air intake, the design of these ceiling diffusers accept air from surrounding surfaces and not directly below. Ideal for heat, smoke and vapour extraction/transfer. Simple airflow control – screw the inverted cone centre.

INTERNAL CEILING GRILLES

Model	Code	Technical Data																																																													
	ALV216 ALV217 ALV218			<table><tr><th>Model</th><th>Code</th><th>Duct Size</th><th>Cutout Size*</th><th>A</th><th>B</th><th>C</th><th>D</th></tr><tr><td>ALVEURO 6WR</td><td>ALV216</td><td>150</td><td>210</td><td>235</td><td>148</td><td>95</td><td>5</td></tr><tr><td>ALVEURO 8WR</td><td>ALV217</td><td>200</td><td>265</td><td>255</td><td>198</td><td>105</td><td>5</td></tr><tr><td>ALVEURO 10WR</td><td>ALV218</td><td>250</td><td>315</td><td>330</td><td>248</td><td>120</td><td>5</td></tr></table>				Model	Code	Duct Size	Cutout Size*	A	B	C	D	ALVEURO 6WR	ALV216	150	210	235	148	95	5	ALVEURO 8WR	ALV217	200	265	255	198	105	5	ALVEURO 10WR	ALV218	250	315	330	248	120	5																								
Model	Code	Duct Size	Cutout Size*	A	B	C	D																																																								
ALVEURO 6WR	ALV216	150	210	235	148	95	5																																																								
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				*Subject to stock variation																																																											
	ALV219 ALV220 ALV221			<table><tr><th>Model</th><th>Code</th><th>Duct Size</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th></tr><tr><td>ALVERG666</td><td>ALV219</td><td>135</td><td>200</td><td>135</td><td>155</td><td>120</td><td>5</td></tr><tr><td>ALVERG886</td><td>ALV220</td><td>150</td><td>250</td><td>148</td><td>210</td><td>125</td><td>5</td></tr><tr><td>ALVERG888</td><td>ALV221</td><td>200</td><td>250</td><td>198</td><td>210</td><td>125</td><td>5</td></tr><tr><td>ALVERG121210</td><td>ALV393</td><td>250</td><td>343</td><td>248</td><td>295</td><td>125</td><td>5</td></tr><tr><td>ALVERG121212</td><td>ALV395</td><td>300</td><td>343</td><td>298</td><td>295</td><td>125</td><td>5</td></tr></table>				Model	Code	Duct Size	A	B	C	D	E	ALVERG666	ALV219	135	200	135	155	120	5	ALVERG886	ALV220	150	250	148	210	125	5	ALVERG888	ALV221	200	250	198	210	125	5	ALVERG121210	ALV393	250	343	248	295	125	5	ALVERG121212	ALV395	300	343	298	295	125	5								
Model	Code	Duct Size	A	B	C	D	E																																																								
ALVERG666	ALV219	135	200	135	155	120	5																																																								
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	ALV222 ALV384 ALV223 ALV224 ALV225 ALV226			<table><tr><th>Model</th><th>Code</th><th>Duct Size</th><th>Cutout size*</th><th>A</th><th>B</th><th>C</th><th>D</th></tr><tr><td>ALVEURO 4WRC</td><td>ALV222</td><td>100</td><td>100</td><td>147</td><td>98</td><td>57</td><td>17</td></tr><tr><td>ALVEURO 5WRC</td><td>ALV384</td><td>125</td><td>185</td><td>222</td><td>125</td><td>90</td><td>15</td></tr><tr><td>ALVEURO 6WRC</td><td>ALV223</td><td>150</td><td>230</td><td>265</td><td>147</td><td>90</td><td>15</td></tr><tr><td>ALVEURO 8WRC</td><td>ALV224</td><td>200</td><td>285</td><td>320</td><td>198</td><td>90</td><td>15</td></tr><tr><td>ALVEURO 10WRC</td><td>ALV225</td><td>250</td><td>355</td><td>400</td><td>247</td><td>100</td><td>15</td></tr><tr><td>ALVEURO 12WRC</td><td>ALV226</td><td>300</td><td>400</td><td>440</td><td>298</td><td>100</td><td>20</td></tr></table>				Model	Code	Duct Size	Cutout size*	A	B	C	D	ALVEURO 4WRC	ALV222	100	100	147	98	57	17	ALVEURO 5WRC	ALV384	125	185	222	125	90	15	ALVEURO 6WRC	ALV223	150	230	265	147	90	15	ALVEURO 8WRC	ALV224	200	285	320	198	90	15	ALVEURO 10WRC	ALV225	250	355	400	247	100	15	ALVEURO 12WRC	ALV226	300	400	440	298	100	20
Model	Code	Duct Size	Cutout size*	A	B	C	D																																																								
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ALVEURO 12WRC	ALV226	300	400	440	298	100	20																																																								
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	ALV2461 ALV2465 ALV2466 ALV2467	<table><tr><th>Model</th><th>Code</th><th>Slot</th><th>Nominal Neck (mm)</th><th>Exact Neck (mm)</th><th>Face Size X & Y (mm)</th></tr><tr><td>ALVLSDRS600</td><td>ALV2461</td><td>20</td><td>600x107</td><td>590x97</td><td>638x145</td></tr><tr><td>ALVLSDRS900</td><td>ALV2465</td><td>20</td><td>900x107</td><td>890x97</td><td>938x145</td></tr><tr><td>ALVLSDRS1000</td><td>ALV2466</td><td>20</td><td>1000x107</td><td>990x97</td><td>1038x145</td></tr><tr><td>ALVLSDRS1200</td><td>ALV2467</td><td>20</td><td>1200x107</td><td>1190x97</td><td>1238x145</td></tr></table>					Model	Code	Slot	Nominal Neck (mm)	Exact Neck (mm)	Face Size X & Y (mm)	ALVLSDRS600	ALV2461	20	600x107	590x97	638x145	ALVLSDRS900	ALV2465	20	900x107	890x97	938x145	ALVLSDRS1000	ALV2466	20	1000x107	990x97	1038x145	ALVLSDRS1200	ALV2467	20	1200x107	1190x97	1238x145	Ceiling tile models available																										
Model	Code	Slot	Nominal Neck (mm)	Exact Neck (mm)	Face Size X & Y (mm)																																																										
ALVLSDRS600	ALV2461	20	600x107	590x97	638x145																																																										
ALVLSDRS900	ALV2465	20	900x107	890x97	938x145																																																										
ALVLSDRS1000	ALV2466	20	1000x107	990x97	1038x145																																																										
ALVLSDRS1200	ALV2467	20	1200x107	1190x97	1238x145																																																										
	ALV238 ALV239 ALV240			<table><tr><th>Model</th><th>Code</th><th>Duct Size</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th></tr><tr><td>ALVEURO 4PEG</td><td>ALV238</td><td>100</td><td>125</td><td>125</td><td>98</td><td>71</td><td>17</td></tr><tr><td>ALVEURO 5PEG</td><td>ALV239</td><td>125</td><td>150</td><td>150</td><td>123</td><td>71</td><td>17</td></tr><tr><td>ALVEURO 6PEG</td><td>ALV240</td><td>150</td><td>175</td><td>175</td><td>148</td><td>71</td><td>17</td></tr></table>				Model	Code	Duct Size	A	B	C	D	E	ALVEURO 4PEG	ALV238	100	125	125	98	71	17	ALVEURO 5PEG	ALV239	125	150	150	123	71	17	ALVEURO 6PEG	ALV240	150	175	175	148	71	17																								
Model	Code	Duct Size	A	B	C	D	E																																																								
ALVEURO 4PEG	ALV238	100	125	125	98	71	17																																																								
ALVEURO 5PEG	ALV239	125	150	150	123	71	17																																																								
ALVEURO 6PEG	ALV240	150	175	175	148	71	17																																																								
Jet Centre Grille: Euro WR This range of downjet ceiling diffusers evenly disperses air to a chosen area. Simple to install, it comes with spring loaded attachment arms that lock and secure the vent in place.																																																															
Egg Crate Grille: ERG The square-faced egg crate grille is commonly used for air intake. Metal construction.																																																															
*Also available with no neck adaptor																																																															
Cone Grille: Euro WRC Commonly used for air intake, the design of these ceiling diffusers accept air from surrounding surfaces and not directly below. Ideal for heat, smoke and vapour extraction/transfer. Simple airflow control – screw the inverted cone centre.																																																															
Linear Slot Diffuser Removable Slot For Supply air, fully adjustable linear slot diffuser with unique airflow pattern. The airflow pattern can be adjusted to suit design requirements. Suitable for ceiling or wall mounting applications Box adaptor available (ref pg.52)																																																															
Plastic Eggcrate Grille: PEG The eggcrate grille may be used as an outlet or a fresh air intake vent. Used as a wall or ceiling vent. <i>PEG comes with screws and wall plugs</i>																																																															

EXTERNAL WALL GRILLES: PLASTIC

Model	Code	Technical Data																																															
	ALV234 ALV235 ALV236 ALV237		<table><tr><th>Model</th><th>Code</th><th>Duct Size</th><th>A</th><th>B</th><th>C</th><th>D</th></tr><tr><td>ALVEURO 4WG</td><td>ALV234</td><td>100</td><td>125</td><td>99</td><td>54</td><td>71</td></tr><tr><td>ALVEURO 5WG</td><td>ALV235</td><td>125</td><td>150</td><td>123</td><td>54</td><td>71</td></tr><tr><td>ALVEURO 6WG</td><td>ALV236</td><td>150</td><td>175</td><td>148</td><td>54</td><td>71</td></tr><tr><td>ALVEURO 8WG</td><td>ALV237</td><td>200</td><td>227</td><td>198</td><td>54</td><td>71</td></tr></table>	Model	Code	Duct Size	A	B	C	D	ALVEURO 4WG	ALV234	100	125	99	54	71	ALVEURO 5WG	ALV235	125	150	123	54	71	ALVEURO 6WG	ALV236	150	175	148	54	71	ALVEURO 8WG	ALV237	200	227	198	54	71											
Model	Code	Duct Size	A	B	C	D																																											
ALVEURO 4WG	ALV234	100	125	99	54	71																																											
ALVEURO 5WG	ALV235	125	150	123	54	71																																											
ALVEURO 6WG	ALV236	150	175	148	54	71																																											
ALVEURO 8WG	ALV237	200	227	198	54	71																																											
Fixed Grille: Euro WG The fixed grille may be used as an outlet or a fresh air intake vent. Used as a wall, ceiling or under-eave vent. <i>Euro WG comes with screws, wall plugs and insect mesh</i>																																																	
	ALV231 ALV232 ALV233 ALV260		<table><tr><th>Model</th><th>Code</th><th>Duct Size</th><th>A</th><th>B</th><th>C</th><th>D</th></tr><tr><td>ALVEURO 4WGS</td><td>ALV231</td><td>100</td><td>125</td><td>98</td><td>54</td><td>71</td></tr><tr><td>ALVEURO 5WGS</td><td>ALV232</td><td>125</td><td>150</td><td>123</td><td>54</td><td>71</td></tr><tr><td>ALVEURO 6WGS</td><td>ALV233</td><td>150</td><td>175</td><td>148</td><td>54</td><td>71</td></tr><tr><td>ALVEURO 8WGS</td><td>ALV260</td><td>200</td><td>227</td><td>198</td><td>54</td><td>71</td></tr></table>	Model	Code	Duct Size	A	B	C	D	ALVEURO 4WGS	ALV231	100	125	98	54	71	ALVEURO 5WGS	ALV232	125	150	123	54	71	ALVEURO 6WGS	ALV233	150	175	148	54	71	ALVEURO 8WGS	ALV260	200	227	198	54	71											
Model	Code	Duct Size	A	B	C	D																																											
ALVEURO 4WGS	ALV231	100	125	98	54	71																																											
ALVEURO 5WGS	ALV232	125	150	123	54	71																																											
ALVEURO 6WGS	ALV233	150	175	148	54	71																																											
ALVEURO 8WGS	ALV260	200	227	198	54	71																																											
Gravity Grille: Euro WGS The gravity louvered vent is designed to allow air to be vented to the atmosphere while stopping outside air and pests entering the system when not in use. <i>Euro WGS comes with screws and wall plugs</i>																																																	
	ALV22332 ALV22333 ALV22334 ALV22335 ALV22336 ALV22337		<table><tr><th>Model</th><th>Code</th><th>Duct Size</th><th>Spigot length</th><th>A</th><th>B</th></tr><tr><td>GGR100</td><td>ALV22332</td><td>100</td><td>20</td><td>140</td><td>8</td></tr><tr><td>GGR120/125</td><td>ALV22333</td><td>125</td><td>20</td><td>160</td><td>8</td></tr><tr><td>GGR150</td><td>ALV22334</td><td>150</td><td>20</td><td>198</td><td>8</td></tr><tr><td>GGR200</td><td>ALV22335</td><td>200</td><td>-</td><td>254</td><td>14</td></tr><tr><td>GGR250</td><td>ALV22336</td><td>250</td><td>-</td><td>299</td><td>14</td></tr><tr><td>GGR315</td><td>ALV22337</td><td>315</td><td>-</td><td>391</td><td>14</td></tr></table>	Model	Code	Duct Size	Spigot length	A	B	GGR100	ALV22332	100	20	140	8	GGR120/125	ALV22333	125	20	160	8	GGR150	ALV22334	150	20	198	8	GGR200	ALV22335	200	-	254	14	GGR250	ALV22336	250	-	299	14	GGR315	ALV22337	315	-	391	14				
Model	Code	Duct Size	Spigot length	A	B																																												
GGR100	ALV22332	100	20	140	8																																												
GGR120/125	ALV22333	125	20	160	8																																												
GGR150	ALV22334	150	20	198	8																																												
GGR200	ALV22335	200	-	254	14																																												
GGR250	ALV22336	250	-	299	14																																												
GGR315	ALV22337	315	-	391	14																																												
Gravity Shutter: GGR For preventing air backdraught or rain penetration when the unit is turned off.																																																	
			<table><tr><th>Model</th><th>Code</th><th>Duct Size</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th></tr><tr><td>ALVEURO 4PHG</td><td>ALV262</td><td>100</td><td>187</td><td>187</td><td>98</td><td>102</td><td>30</td></tr><tr><td>ALVEURO 5PHG</td><td>ALV263</td><td>125</td><td>187</td><td>187</td><td>123</td><td>102</td><td>30</td></tr><tr><td>ALVEURO 6PHG</td><td>ALV264</td><td>150</td><td>187</td><td>187</td><td>148</td><td>102</td><td>30</td></tr></table>	Model	Code	Duct Size	A	B	C	D	E	ALVEURO 4PHG	ALV262	100	187	187	98	102	30	ALVEURO 5PHG	ALV263	125	187	187	123	102	30	ALVEURO 6PHG	ALV264	150	187	187	148	102	30														
Model	Code	Duct Size	A	B	C	D	E																																										
ALVEURO 4PHG	ALV262	100	187	187	98	102	30																																										
ALVEURO 5PHG	ALV263	125	187	187	123	102	30																																										
ALVEURO 6PHG	ALV264	150	187	187	148	102	30																																										
Plastic Hood Grille: Euro PHG Designed for hood exhaust ventilation. Includes backdraft damper.																																																	

WALL GRILLES: ALUMINIUM

Model	Code	Technical Data																																																						
	ALV241 ALV242 ALV243 ALV244 ALV245 ALV398 ALV399 ALV400 ALV1519	<table><tr><th>Model</th><th>Code</th><th>Duct Size</th><th>Face Size</th><th>Nominal Neck Size</th></tr><tr><td>ALVWPL225x175</td><td>ALV241</td><td>150mm</td><td>280x212mm</td><td>225x175mm</td></tr><tr><td>ALVWPL15</td><td>ALV242</td><td>150mm</td><td>200x200mm</td><td>145x145mm</td></tr><tr><td>ALVWPL20</td><td>ALV243</td><td>200mm</td><td>250x250mm</td><td>195x195mm</td></tr><tr><td>ALVWPL25</td><td>ALV244</td><td>250mm</td><td>300x300mm</td><td>245x245mm</td></tr><tr><td>ALVWPL30</td><td>ALV245</td><td>300mm</td><td>350x350mm</td><td>295x295mm</td></tr><tr><td>ALVWPL35</td><td>ALV398</td><td>350mm</td><td>400x400mm</td><td>345x345mm</td></tr><tr><td>ALVWPL40</td><td>ALV399</td><td>400mm</td><td>450x450mm</td><td>395x395mm</td></tr><tr><td>ALVWPL45</td><td>ALV400</td><td>450mm</td><td>500x500mm</td><td>445x445mm</td></tr><tr><td>ALVWPL50</td><td>ALV1519</td><td>500mm</td><td>550x550mm</td><td>495x495mm</td></tr></table>					Model	Code	Duct Size	Face Size	Nominal Neck Size	ALVWPL225x175	ALV241	150mm	280x212mm	225x175mm	ALVWPL15	ALV242	150mm	200x200mm	145x145mm	ALVWPL20	ALV243	200mm	250x250mm	195x195mm	ALVWPL25	ALV244	250mm	300x300mm	245x245mm	ALVWPL30	ALV245	300mm	350x350mm	295x295mm	ALVWPL35	ALV398	350mm	400x400mm	345x345mm	ALVWPL40	ALV399	400mm	450x450mm	395x395mm	ALVWPL45	ALV400	450mm	500x500mm	445x445mm	ALVWPL50	ALV1519	500mm	550x550mm	495x495mm
Model	Code	Duct Size	Face Size	Nominal Neck Size																																																				
ALVWPL225x175	ALV241	150mm	280x212mm	225x175mm																																																				
ALVWPL15	ALV242	150mm	200x200mm	145x145mm																																																				
ALVWPL20	ALV243	200mm	250x250mm	195x195mm																																																				
ALVWPL25	ALV244	250mm	300x300mm	245x245mm																																																				
ALVWPL30	ALV245	300mm	350x350mm	295x295mm																																																				
ALVWPL35	ALV398	350mm	400x400mm	345x345mm																																																				
ALVWPL40	ALV399	400mm	450x450mm	395x395mm																																																				
ALVWPL45	ALV400	450mm	500x500mm	445x445mm																																																				
ALVWPL50	ALV1519	500mm	550x550mm	495x495mm																																																				
Grilles are natural anodised as standard. Other sizes available on request.																																																								

	ALV2550 ALV257 ALV258	<table><tr><th>Model</th><th>Code</th><th>Suit this Grille</th><th>Duct Size</th><th>Nominal Neck Size</th></tr><tr><td>ALVBOX974</td><td>ALV2550</td><td>ALVWPL225X175</td><td>100mm</td><td>225x175mm</td></tr><tr><td>ALVBOX975</td><td>ALV257</td><td>ALVWPL225X175</td><td>125mm</td><td>225x175mm</td></tr><tr><td>ALVBOX976</td><td>ALV258</td><td>ALVWPL225X175</td><td>150mm</td><td>225x175mm</td></tr><tr><td>ALVBOX978</td><td>ALV259</td><td>ALVWPL225X175</td><td>200mm</td><td>225x175mm</td></tr><tr><td>ALVBOX971</td><td>ALV2520</td><td>ALVWPL20</td><td>150mm</td><td>195x195mm</td></tr><tr><td>ALVBOX973</td><td>ALV2540</td><td>ALVWPL25</td><td>200mm</td><td>245x245mm</td></tr><tr><td>ALVBOX980</td><td>ALV2591</td><td>ALVWPL30</td><td>150mm</td><td>295x295mm</td></tr><tr><td>ALVBOX979</td><td>ALV2590</td><td>ALVWPL30</td><td>250mm</td><td>295x295mm</td></tr><tr><td>ALVBOXLSD600-150</td><td>ALV2571</td><td>ALVLSDRS600</td><td>150mm</td><td>600x107mm</td></tr><tr><td>ALVBOXLSD900-150</td><td>ALV2572</td><td>ALVLSDRS900</td><td>150mm</td><td>900x107mm</td></tr><tr><td>ALVBOXLSD1000-200</td><td>ALV2573</td><td>ALVLSDRS1000</td><td>200mm</td><td>1000x107mm</td></tr><tr><td>ALVBOXLSD1200-200</td><td>ALV2574</td><td>ALVLSDRS1200</td><td>200mm</td><td>1200x107mm</td></tr></table>					Model	Code	Suit this Grille	Duct Size	Nominal Neck Size	ALVBOX974	ALV2550	ALVWPL225X175	100mm	225x175mm	ALVBOX975	ALV257	ALVWPL225X175	125mm	225x175mm	ALVBOX976	ALV258	ALVWPL225X175	150mm	225x175mm	ALVBOX978	ALV259	ALVWPL225X175	200mm	225x175mm	ALVBOX971	ALV2520	ALVWPL20	150mm	195x195mm	ALVBOX973	ALV2540	ALVWPL25	200mm	245x245mm	ALVBOX980	ALV2591	ALVWPL30	150mm	295x295mm	ALVBOX979	ALV2590	ALVWPL30	250mm	295x295mm	ALVBOXLSD600-150	ALV2571	ALVLSDRS600	150mm	600x107mm	ALVBOXLSD900-150	ALV2572	ALVLSDRS900	150mm	900x107mm	ALVBOXLSD1000-200	ALV2573	ALVLSDRS1000	200mm	1000x107mm	ALVBOXLSD1200-200	ALV2574	ALVLSDRS1200	200mm	1200x107mm
Model	Code	Suit this Grille	Duct Size	Nominal Neck Size																																																																			
ALVBOX974	ALV2550	ALVWPL225X175	100mm	225x175mm																																																																			
ALVBOX975	ALV257	ALVWPL225X175	125mm	225x175mm																																																																			
ALVBOX976	ALV258	ALVWPL225X175	150mm	225x175mm																																																																			
ALVBOX978	ALV259	ALVWPL225X175	200mm	225x175mm																																																																			
ALVBOX971	ALV2520	ALVWPL20	150mm	195x195mm																																																																			
ALVBOX973	ALV2540	ALVWPL25	200mm	245x245mm																																																																			
ALVBOX980	ALV2591	ALVWPL30	150mm	295x295mm																																																																			
ALVBOX979	ALV2590	ALVWPL30	250mm	295x295mm																																																																			
ALVBOXLSD600-150	ALV2571	ALVLSDRS600	150mm	600x107mm																																																																			
ALVBOXLSD900-150	ALV2572	ALVLSDRS900	150mm	900x107mm																																																																			
ALVBOXLSD1000-200	ALV2573	ALVLSDRS1000	200mm	1000x107mm																																																																			
ALVBOXLSD1200-200	ALV2574	ALVLSDRS1200	200mm	1200x107mm																																																																			
		Other sizes available on request																																																																					

	ALV246 ALV247 ALV248 ALV249 ALV250 ALV251	<table><tr><th>Model</th><th>Code</th><th>Duct Size</th><th>Face Size Ø</th><th>Nominal Neck Size Ø mm</th><th>Spigot length mm</th></tr><tr><td>ALVRWL150</td><td>ALV246</td><td>150mm</td><td>200</td><td>150</td><td>57</td></tr><tr><td>ALVRWL200</td><td>ALV247</td><td>200mm</td><td>219</td><td>200</td><td>57</td></tr><tr><td>ALVRWL250</td><td>ALV248</td><td>240mm</td><td>307</td><td>242</td><td>57</td></tr><tr><td>ALVRWL300</td><td>ALV249</td><td>290mm</td><td>348</td><td>290</td><td>57</td></tr><tr><td>ALVRWL350</td><td>ALV250</td><td>350mm</td><td>405</td><td>345</td><td>57</td></tr><tr><td>ALVRWL400</td><td>ALV251</td><td>400mm</td><td>455</td><td>390</td><td>57</td></tr></table>					Model	Code	Duct Size	Face Size Ø	Nominal Neck Size Ø mm	Spigot length mm	ALVRWL150	ALV246	150mm	200	150	57	ALVRWL200	ALV247	200mm	219	200	57	ALVRWL250	ALV248	240mm	307	242	57	ALVRWL300	ALV249	290mm	348	290	57	ALVRWL350	ALV250	350mm	405	345	57	ALVRWL400	ALV251	400mm	455	390	57
Model	Code	Duct Size	Face Size Ø	Nominal Neck Size Ø mm	Spigot length mm																																											
ALVRWL150	ALV246	150mm	200	150	57																																											
ALVRWL200	ALV247	200mm	219	200	57																																											
ALVRWL250	ALV248	240mm	307	242	57																																											
ALVRWL300	ALV249	290mm	348	290	57																																											
ALVRWL350	ALV250	350mm	405	345	57																																											
ALVRWL400	ALV251	400mm	455	390	57																																											
Circular Grille: RWL Aluminium, powder-coated white grille for external, weather-proof applications.																																																

	ALV300 ALV341 ALV348 ALV282 ALV284 ALV285 ALV299 ALV342 ALV344 ALV345 ALV340 ALV346 ALV347	<table><tr><th>Model</th><th>Code</th><th>Face Size (LxW)</th><th>Nominal Neck Size (LxW)</th></tr><tr><td>ALVDG126</td><td>ALV300</td><td>175x325mm</td><td>150x300mm</td></tr><tr><td>ALVDG186</td><td>ALV341</td><td>175x475mm</td><td>150x450mm</td></tr><tr><td>ALVDG244</td><td>ALV348</td><td>125x625mm</td><td>100x600mm</td></tr><tr><td>ALVDG246</td><td>ALV282</td><td>175x625mm</td><td>150x600mm</td></tr><tr><td>ALVDG248</td><td>ALV284</td><td>225x625mm</td><td>200x600mm</td></tr><tr><td>ALVDG2410</td><td>ALV285</td><td>275x625mm</td><td>250x600mm</td></tr><tr><td>ALVDG1212</td><td>ALV299</td><td>325x325mm</td><td>300x300mm</td></tr><tr><td>ALVDG2012</td><td>ALV342</td><td>325x525mm</td><td>300x500mm</td></tr><tr><td>ALVDG2412</td><td>ALV344</td><td>325x625mm</td><td>300x600mm</td></tr><tr><td>ALVDG2416</td><td>ALV345</td><td>425x625mm</td><td>400x600mm</td></tr><tr><td>ALVDG1818</td><td>ALV340</td><td>475x475mm</td><td>450x450mm</td></tr><tr><td>ALVDG2418</td><td>ALV346</td><td>475x625mm</td><td>450x600mm</td></tr><tr><td>ALVDG2424</td><td>ALV347</td><td>625x625mm</td><td>600x600mm</td></tr></table>					Model	Code	Face Size (LxW)	Nominal Neck Size (LxW)	ALVDG126	ALV300	175x325mm	150x300mm	ALVDG186	ALV341	175x475mm	150x450mm	ALVDG244	ALV348	125x625mm	100x600mm	ALVDG246	ALV282	175x625mm	150x600mm	ALVDG248	ALV284	225x625mm	200x600mm	ALVDG2410	ALV285	275x625mm	250x600mm	ALVDG1212	ALV299	325x325mm	300x300mm	ALVDG2012	ALV342	325x525mm	300x500mm	ALVDG2412	ALV344	325x625mm	300x600mm	ALVDG2416	ALV345	425x625mm	400x600mm	ALVDG1818	ALV340	475x475mm	450x450mm	ALVDG2418	ALV346	475x625mm	450x600mm	ALVDG2424	ALV347	625x625mm	600x600mm
Model	Code	Face Size (LxW)	Nominal Neck Size (LxW)																																																											
ALVDG126	ALV300	175x325mm	150x300mm																																																											
ALVDG186	ALV341	175x475mm	150x450mm																																																											
ALVDG244	ALV348	125x625mm	100x600mm																																																											
ALVDG246	ALV282	175x625mm	150x600mm																																																											
ALVDG248	ALV284	225x625mm	200x600mm																																																											
ALVDG2410	ALV285	275x625mm	250x600mm																																																											
ALVDG1212	ALV299	325x325mm	300x300mm																																																											
ALVDG2012	ALV342	325x525mm	300x500mm																																																											
ALVDG2412	ALV344	325x625mm	300x600mm																																																											
ALVDG2416	ALV345	425x625mm	400x600mm																																																											
ALVDG1818	ALV340	475x475mm	450x450mm																																																											
ALVDG2418	ALV346	475x625mm	450x600mm																																																											
ALVDG2424	ALV347	625x625mm	600x600mm																																																											
Door Grille: ALVDG For air relief, single set of fixed blades. Easy snap together installation - no drilling required. High quality extruded aluminium sections, blades are fixed at 22mm centres. Suitable for door thicknesses of 30–45mm. Comes complete with telescopic back frame for aesthetic appearance on both sides of the door. Anodised aluminium finish.																																																														
Other sizes available on request																																																														

DUCTING AND DUCT ACCESSORIES

Model		Code	Technical Data											
	Core Ducting Commercial ventilation ducting • Silver / Black • Fire Rated AS4254 • Zone 3	ALV401												
		ALV402												
		ALV403												
		ALV404												
		ALV405												
		ALV406												
		ALV407												
		ALV408												
		ALV409												
		ALV410												
		ALV411												
	Insulated Ducting General purpose ducting • Silver/Black + inner core • Fire Rated AS4254 • R1 rated Higher rating available on request.	ALV412												
		ALV413												
		ALV414												
		ALV415												
		ALV416												
								Semi-rigid Ducting High temperature ducting • Fire Rated AS425 (-70° to 220°) • Rangehood Exhaust	ALV428					
									ALV429					
									ALV430					
									ALV431					
								Reducers • Poly/Metal fitting • Heavy duty • High density polyethylene • Positive lock duct tabs (poly)	ALV301					
ALV302														
ALV303														
ALV304														
ALV305														
ALV306														
	Y Fitting • Poly and metal fitting • UV stabilised • Robust • Smooth internal lines	ALV307												
		ALV308												
		ALV309												
		ALV310												
		ALV311												
		ALV312												
	Double BTO • Poly fitting • UV stabilised • Robust • Smooth internal lines	ALV313	MADE TO ORDER available											
		ALV314												
		ALV3115												
		ALV388												

Model	Code	Size
ALVHF3100	ALV401	100mm/3m
ALVHF3125	ALV402	125mm/3m
ALVHF3150	ALV403	150mm/3m
ALVHF3200	ALV404	200mm/3m
ALVHF6100	ALV405	100mm/6m
ALVHF6125	ALV406	125mm/6m
ALVHF6150	ALV407	150mm/6m
ALVHF6200	ALV408	200mm/6m
ALVHF6250	ALV409	250mm/6m
ALVHF6300	ALV410	300mm/6m
ALVHF6350	ALV411	350mm/6m

Model	Code	Size
ALVINS6150	ALV412	150mm/6m
ALVINS6200	ALV413	200mm/6m
ALVINS6250	ALV414	250mm/6m
ALVINS6300	ALV415	300mm/6m
ALVINS6350	ALV416	350mm/6m

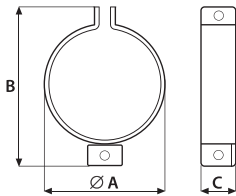
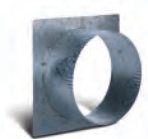
Model	Code	Size
ALVSRF100	ALV428	100mm/3m
ALVSRF125	ALV429	125mm/3m
ALVSRF150	ALV430	150mm/3m
ALVSRF200	ALV431	200mm/3m

Model	Code	Size	Length	Material
ALVRED10-12	ALV301	100-125mm	120mm	Metal
ALVRED10-15	ALV302	100-150mm	270mm	Poly
ALVRED12-15	ALV303	125-150mm	120mm	Metal
ALVRED15-20	ALV304	150-200mm	300mm	Poly
ALVRED20-25	ALV305	200-250mm	300mm	Poly
ALVRED25-30	ALV306	250-300mm	300mm	Poly

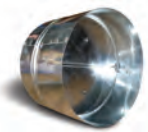
Model	Code	Size	Material
ALVY10	ALV307	100mm	Metal
ALVY12	ALV308	125mm	Metal
ALVY15	ALV309	150mm	Poly
ALVY20	ALV310	200mm	Poly
ALVY25	ALV311	250mm	Poly
ALVY30	ALV312	300mm	Poly

Model	Code	Description (mm)
ALVDBTO8666	ALV313	200x150x150x150 4-way junction poly
ALVDBTO8866	ALV389	200x200x150x150 4-way junction poly
ALVDBTO10666	ALV331	250x150x150x150 4-way junction poly
ALVDBTO10888	ALV314	250x200x200x200 4-way junction poly
ALVDBTO12888	ALV4460	300x200x200x200 4-way junction poly

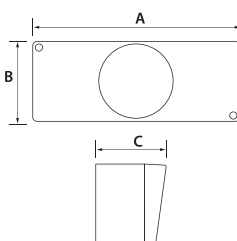
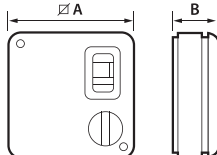
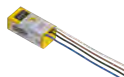
DUCT ACCESSORIES

Model	Description	Code	Technical Data								
	Reducer Y Fitting • Poly fitting • UV stabilised • Robust • Smooth internal lines	ALV315 ALV316 ALV317 ALV318									
			Model	Code	Size						
			ALVY644	ALV315	150x100x100mm						
			ALVY866	ALV316	200x150x150mm						
			ALVY1088	ALV317	250x200x200mm						
ALVY121010	ALV318	300x250x250mm									
	BTO • Poly fitting • UV stabilised • Robust • Smooth internal lines	ALV183 ALV1833 ALV566 ALV182 ALV5661									
			Model	Code	Size						
			ALVBTO666	ALV183	150x150x150mm						
			ALVBTO886	ALV1833	200x200x150mm						
			ALVBTO10106	ALV566	250x250x150mm						
ALVBTO10108	ALV182	250x250x200mm									
ALVBTO12128	ALV5661	300x300x200mm									
	Fast Duct Clamps Galvanised sheet steel complete in pack of two.	ALV22667 ALV22668 ALV22669 ALV22671 ALV22672 ALV22673		Model	Code	A	B	C			
				CA-FU100	ALV22667	103	138	30			
				CA-FU125	ALV22668	128	163	30			
				CA-FU150	ALV22669	153	188	30			
				CA-FU200	ALV22671	203	238	30			
				CA-FU250	ALV22672	253	288	30			
				CA-FU315	ALV22673	318	353	30			
					Start Collar Available in 6 sizes.	ALV325 ALV326 ALV327 ALV328 ALV329 ALV330					
							Model	Code	Size	Plate Size	
							ALVCON10	ALV325	100mm	150x150	
ALVCON12	ALV326	125mm	170x170								
ALVCON15	ALV327	150mm	195x195								
ALVCON20	ALV328	200mm	245x245								
ALVCON25	ALV329	250mm	295x295								
ALVCON30	ALV330	300mm	345x345								
	Duct Connector All sizes available.	ALV319 ALV320 ALV321 ALV322 ALV323 ALV324									
			Model	Code	Size	Length					
			ALVDJ10	ALV319	100mm	130mm					
			ALVDJ12	ALV320	125mm	130mm					
			ALVDJ15	ALV321	150mm	130mm					
			ALVDJ20	ALV322	200mm	130mm					
			ALVDJ25	ALV323	250mm	130mm					
ALVDJ30	ALV324	300mm	130mm								
	Plastic Duct Connector All sizes available.	ALV332 ALV333 ALV334 ALV335 ALV336									
			Model	Code	Size	Length					
			ALVDJP10	ALV332	100mm	130mm					
			ALVDJP15	ALV333	150mm	150mm					
			ALVDJP20	ALV334	200mm	150mm					
ALVDJP25	ALV335	250mm	180mm								
ALVDJP30	ALV336	300mm	180mm								
	Duct Tape Available in Black & Silver	ALV181 ALV540									
	Foil Tape Aluminium reinforced 72mm x 50m	ALV180									
	Hanging Strap Available in Blue & Black 25mm x 50m	ALV184 ALV187									

DAMPERS

Model	Description	Code	Technical Data				
	Non-return Dampers Backdraft shutter, air-stream operated for installation in-line with circular ducting	ALV339 ALV356 ALV357 ALV358 ALV359 ALV360					
			Model	Code	Size	Length	
			ALVBD10	ALV339	100mm	110mm	
			ALVBD12	ALV356	125mm	110mm	
			ALVBD15	ALV357	150mm	110mm	
			ALVBD20	ALV358	200mm	110mm	
			ALVBD25	ALV359	250mm	110mm	
			ALVBD30	ALV360	300mm	110mm	
	Intumescent Circular Fire Dampers Multi-purpose with zinc-coated steel finish	ALV501 ALV502 ALV503 ALV504 ALV505 ALV506	Intumescent Grilles/ Fire Dampers • Rigid steel framed grille that intumesces to form a fire stop barrier • Allows air flow through fire-rated walls and floors • Can be fitted into a steel duct				
				Model	Code	Size	Length
				ALVIFDR4	ALV501	100mm	360mm
				ALVIFDR5	ALV502	125mm	360mm
				ALVIFDR6	ALV503	150mm	360mm
				ALVIFDR8	ALV504	200mm	360mm
				ALVIFDR10	ALV505	250mm	360mm
				ALVIFDR12	ALV506	300mm	360mm
	Intumescent Square* Fire Dampers Multi-purpose with zinc-coated steel finish. <i>* Rectangle Intumescent Fire Dampers also available</i>	ALV507 ALV508 ALV509 ALV510 ALV511 ALV512	• Up to 2 hours fire protection • Continued savings as no moving parts to require operational checks • Large sizes				
				Model	Code	Size	
				ALVIFDS66	ALV507	150mm Sq	
				ALVIFDS88	ALV508	200mm Sq	
				ALVIFDS1212	ALV509	300mm Sq	
				ALVIFDS1818	ALV510	450mm Sq	
				ALVIFDS2020	ALV511	500mm Sq	
				ALVIFDS2424	ALV512	600mm Sq	
	Intumescent Ceiling Mounted Fire Dampers - Cushion Box style Fire and incipient rated ceilings. Fire resistance in accordance with AS1530.4 2014. 90 minutes fire resistance with 60 minutes resistance to the incipient spread of flame.	ALV5200 ALV5201 ALV5202 ALV5203					
			Model	Code	Size	Spigot Ø	Ceiling Grille to suit
			ALVC1-BOX150	ALV5200	150x150	125	ALVERG66-NN
			ALVC1-BOX200	ALV5201	200x200	150	ALVERG88-NN
			ALVC1-BOX250	ALV5202	250x250	200	ALVERG1010-NN
ALVC1-BOX300	ALV5203	300x300	250	ALVERG1212-NN			
	Intumescent Ceiling Mounted Fire Dampers - Straight neck adaptor Fire and incipient rated ceilings. Fire resistance in accordance with AS1530.4 2014. 90 minutes fire resistance with 60 minutes resistance to the incipient spread of flame.	ALV5206					
			Model	Code	Size	Spigot Ø	Optional Ceiling Grille
ALVC3-LVH44C-150	ALV5206	250x250	150	ALVECGR6			
	Fire Mastic used for Intumescent fire damper It seals the fire damper and restricts the spread of fire and hot gasses.	ALV5207					

CONTROLLERS

Model	Description	Code	Technical Data																																									
	Vortice Environmental Sensors Designed to detect environmental conditions ie: humidity, temperature, human motion, smoke and odour and automatically activate the extractor fans.	ALV12992 ALV12993 ALV12994 ALV12998 ALV12999			<table><tr><th>Model</th><th>Code</th><th>A</th><th>B</th><th>C</th></tr><tr><td>C TEMP</td><td>ALV12992</td><td>144</td><td>54</td><td>55.8</td></tr><tr><td>C SMOKE</td><td>ALV12993</td><td>144</td><td>54</td><td>55.8</td></tr><tr><td>C HCS</td><td>ALV12994</td><td>144</td><td>54</td><td>55.8</td></tr><tr><td>C PIR</td><td>ALV12998</td><td>144</td><td>54</td><td>55.8</td></tr><tr><td>C TIMER</td><td>ALV12999</td><td>144</td><td>54</td><td>55.8</td></tr></table>			Model	Code	A	B	C	C TEMP	ALV12992	144	54	55.8	C SMOKE	ALV12993	144	54	55.8	C HCS	ALV12994	144	54	55.8	C PIR	ALV12998	144	54	55.8	C TIMER	ALV12999	144	54	55.8							
Model	Code	A	B	C																																								
C TEMP	ALV12992	144	54	55.8																																								
C SMOKE	ALV12993	144	54	55.8																																								
C HCS	ALV12994	144	54	55.8																																								
C PIR	ALV12998	144	54	55.8																																								
C TIMER	ALV12999	144	54	55.8																																								
Vortice Range C TEMP measures ambient room temperature C SMOKE measures the air quality C HCS measures ambient relative humidity, 65% fixed, 3–20 mins. C PIR detects the presence of a moving body C TIMER - an adjustable over-run timer. Fully adjustable from 3–20 mins.																																												
	Vortice Speed Controller Speed controller for all Vortice fan products. CREN for Vario range.	ALV12966 ALV12967 ALV12987 ALV12944			<table><tr><th>Model</th><th>Code</th><th>A</th><th>B</th></tr><tr><td>C1.5</td><td>ALV12966</td><td>120</td><td>43</td></tr><tr><td>C2.5</td><td>ALV12967</td><td>120</td><td>43</td></tr><tr><td>C0.5</td><td>ALV12987</td><td>120</td><td>43</td></tr><tr><td>CREN</td><td>ALV12944</td><td>160x75</td><td>63</td></tr></table>			Model	Code	A	B	C1.5	ALV12966	120	43	C2.5	ALV12967	120	43	C0.5	ALV12987	120	43	CREN	ALV12944	160x75	63																	
Model	Code	A	B																																									
C1.5	ALV12966	120	43																																									
C2.5	ALV12967	120	43																																									
C0.5	ALV12987	120	43																																									
CREN	ALV12944	160x75	63																																									
	Speed Controller Electronic speed controllers for stepless speed control of single phase fans. White polymer casing.	ALV0238 ALV0240	<table><tr><th>Model</th><th>Code</th><th>Current</th><th>Dimensions</th><th>Protection</th></tr><tr><td>ESA1</td><td>ALV0238</td><td>Min 0.15 amps</td><td>W80 x H80 x D65</td><td>IP40</td></tr><tr><td>BSX</td><td>ALV0240</td><td>Min 0.15 amps</td><td>W80 x H80 x D65</td><td>IP40</td></tr></table>					Model	Code	Current	Dimensions	Protection	ESA1	ALV0238	Min 0.15 amps	W80 x H80 x D65	IP40	BSX	ALV0240	Min 0.15 amps	W80 x H80 x D65	IP40																						
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BSX	ALV0240	Min 0.15 amps	W80 x H80 x D65	IP40																																								
	Hygrostat Electromechanical humidity controller for on/off operation of fans.	ALV1360	<table><tr><th>Model</th><th>Code</th><th>V</th><th>Current</th><th>Timer</th><th>Switching</th><th>Dimensions</th><th>Protection</th></tr><tr><td>HY 3 SI</td><td>ALV1360</td><td>230</td><td>3 amps</td><td>5 mins fixed</td><td>30-90% adjustable</td><td>W76 x H76 x D34</td><td>IP20</td></tr></table>					Model	Code	V	Current	Timer	Switching	Dimensions	Protection	HY 3 SI	ALV1360	230	3 amps	5 mins fixed	30-90% adjustable	W76 x H76 x D34	IP20																					
Model	Code	V	Current	Timer	Switching	Dimensions	Protection																																					
HY 3 SI	ALV1360	230	3 amps	5 mins fixed	30-90% adjustable	W76 x H76 x D34	IP20																																					
	Star Delta Switch DS2 On/off and reversing switch for two speed, three phase star/delta motors. Polymer casing for surface mounting. 5.5Kw.	ALV1351	<table><tr><th>Model</th><th>Code</th><th>V</th><th>Current</th><th>Dimensions</th><th>Kg</th><th>Protection</th></tr><tr><td>DS2</td><td>ALV1351</td><td>400V / 50Hz</td><td>12 amps</td><td>W82 x H82 x D130</td><td>0.4</td><td>IP54</td></tr></table>					Model	Code	V	Current	Dimensions	Kg	Protection	DS2	ALV1351	400V / 50Hz	12 amps	W82 x H82 x D130	0.4	IP54																							
Model	Code	V	Current	Dimensions	Kg	Protection																																						
DS2	ALV1351	400V / 50Hz	12 amps	W82 x H82 x D130	0.4	IP54																																						
	Speed / Reverse DSEL2 On/off and reversing switch for two speed steps. Reverse switch for reversible fans.	ALV0239	<table><tr><th>Model</th><th>Code</th><th>Current</th><th>Dimensions</th><th>Protection</th></tr><tr><td>DSEL2</td><td>ALV0239</td><td>3 amps</td><td>W80 x H80 x D15</td><td>IP30</td></tr></table>					Model	Code	Current	Dimensions	Protection	DSEL2	ALV0239	3 amps	W80 x H80 x D15	IP30																											
Model	Code	Current	Dimensions	Protection																																								
DSEL2	ALV0239	3 amps	W80 x H80 x D15	IP30																																								
	Run on Timer ZNE run on timer with optional delayed start (45sec) with adjustable run times of 0-21 min		<table><tr><th>Model</th><th>Code</th><th>Current</th><th>Dimensions</th><th>Protection</th></tr><tr><td>ALVZNE</td><td>ALV0342</td><td>0.05-08</td><td>W37 x H17 x D13</td><td>IP40</td></tr></table>					Model	Code	Current	Dimensions	Protection	ALVZNE	ALV0342	0.05-08	W37 x H17 x D13	IP40																											
Model	Code	Current	Dimensions	Protection																																								
ALVZNE	ALV0342	0.05-08	W37 x H17 x D13	IP40																																								
	Temperature Control TA3 Robust electro/mechanic thermostat for temperature dependent on/off operation for fans and heaters.	ALV601	<table><tr><th>Model</th><th>Code</th><th>Current</th><th>Protection</th></tr><tr><td>TA3</td><td>ALV601</td><td>16(2.5) A @250V</td><td>IP20</td></tr></table>					Model	Code	Current	Protection	TA3	ALV601	16(2.5) A @250V	IP20																													
Model	Code	Current	Protection																																									
TA3	ALV601	16(2.5) A @250V	IP20																																									
	Pressure Switch Connect to Filter Box.	ALV9308	<table><tr><th>Model</th><th>Code</th><th>Current</th><th>Pressure Range</th><th>Working Temp (°C)</th><th>Protection</th></tr><tr><td>930.8</td><td>ALV9308</td><td>1.5A (0.4A)</td><td>20-200Pa</td><td>-20 to +85</td><td>IP54</td></tr></table>					Model	Code	Current	Pressure Range	Working Temp (°C)	Protection	930.8	ALV9308	1.5A (0.4A)	20-200Pa	-20 to +85	IP54																									
Model	Code	Current	Pressure Range	Working Temp (°C)	Protection																																							
930.8	ALV9308	1.5A (0.4A)	20-200Pa	-20 to +85	IP54																																							
	Speed Controller ALV606 ALV603 ALV604 ALV605 ALV607		<table><tr><th>Model</th><th>Code</th><th>W</th><th>Max Amps</th><th>V</th></tr><tr><td>ALVVA500</td><td>ALV606</td><td>500</td><td>2.0</td><td rowspan="4">240</td></tr><tr><td>ALVVA700</td><td>ALV603</td><td>700</td><td>2.9</td></tr><tr><td>ALVVA1200</td><td>ALV604</td><td>1200</td><td>5.0</td></tr><tr><td>ALVVA2400</td><td>ALV605</td><td>2400</td><td>10</td></tr><tr><td>VA-10K-EC</td><td>ALV607</td><td>-</td><td>-</td><td>0–10</td></tr><tr><td>POT</td><td>ALV12828</td><td></td><td></td><td>0–10</td></tr><tr><td>POT-DIG</td><td>ALV20840</td><td></td><td></td><td>0–10</td></tr></table>					Model	Code	W	Max Amps	V	ALVVA500	ALV606	500	2.0	240	ALVVA700	ALV603	700	2.9	ALVVA1200	ALV604	1200	5.0	ALVVA2400	ALV605	2400	10	VA-10K-EC	ALV607	-	-	0–10	POT	ALV12828			0–10	POT-DIG	ALV20840			0–10
Model	Code	W	Max Amps	V																																								
ALVVA500	ALV606	500	2.0	240																																								
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ALVVA2400	ALV605	2400	10																																									
VA-10K-EC	ALV607	-	-	0–10																																								
POT	ALV12828			0–10																																								
POT-DIG	ALV20840			0–10																																								



VARIABLE SPEED DRIVES

ABB ACH580-01 SERIES

ACH580 series sets new standards in simplicity and reliability and can be integrated with any motor.

Technical Data

Model	Code	kW	Current (A)	Frame Size
ACH580-01-02A7-4+B056	ALV155	0.75	2.6	R1
ACH580-01-03A4-4+B056	ALV158	1.1	3.3	R1
ACH580-01-04A1-4+B056	ALV162	1.5	4	R1
ACH580-01-05A7-4+B056	ALV163	2.2	5.6	R1
ACH580-01-07A3-4+B056	ALV165	3	7.2	R1
ACH580-01-09A5-4+B056	ALV166	4	9.4	R1
ACH580-01-12A7-4+B056	ALV167	5.5	12.6	R1
ACH580-01-018A-4+B056	ALV153	7.5	17	R2
ACH580-01-026A-4+B056	ALV154	11	25	R2
ACH580-01-033A-4+B056	ALV155	15	32	R3
ACH580-01-039A-4+B056	ALV157	18.5	38	R3
ACH580-01-046A-4+B056	ALV159	22	45	R3
ACH580-01-062A-4+B056	ALV164	30	62	R4
ACH580-01-073A-4+B056	ALV150	37	73	R4
ACH580-01-088A-4+B056	ALV151	45	88	R5

Features

- Compact robust and reliable design
- Adaptive programming
- EMC C2 filter
- Integrated safe torque off (STO) function
- Complete HVAC functionality
- Dry clean air-cooling method
- Scalar control for effortless process control
- Vector control for accurate speed and torque control
- I/O connections for flexible configurations
- Cabinet free installation
- Higher kW ranges available
- IP55 protection
- Sinusoidal filters available upon request

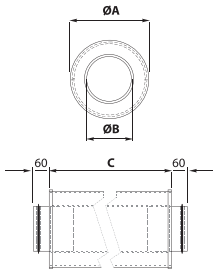
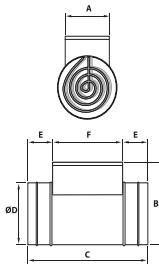
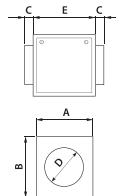
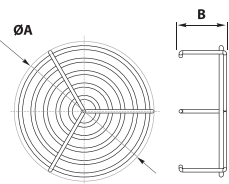
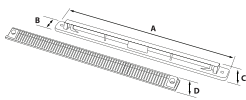
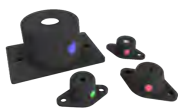
Dimensions

Frame Size	H (mm)	W (mm)	D (mm)	Weight kg
R1	403	128	233	4.8
R2	503	128	239	6.8
R3	490	206	237	13
R4	636	203	265	20
R5	732	203	320	29

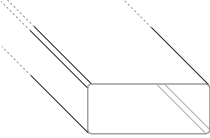
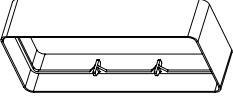
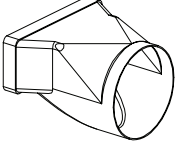
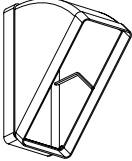
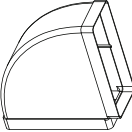
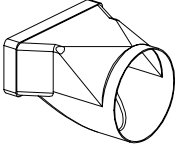
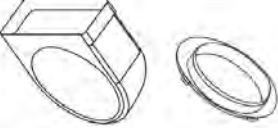
H = Height of the drive with gland box
W = Width
D = Standard depth

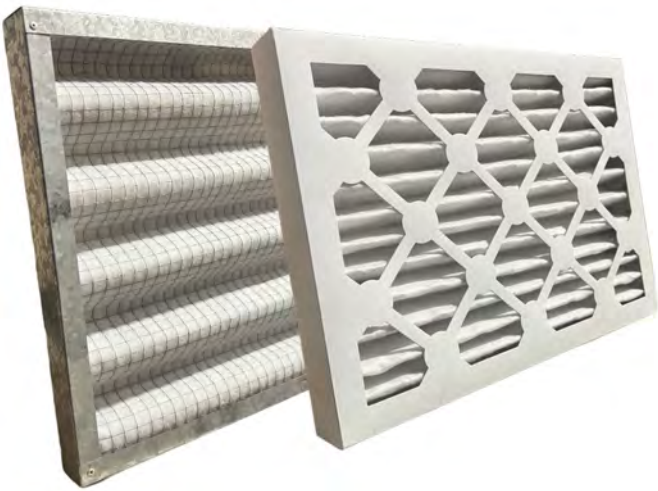


ACCESSORIES

Model	Description	Code	Technical Data																																																																			
	Noise Attenuator Install in ventilation system always after the fan and/or the filterbox/duct heater.	ALV132 ALV1524 ALV1513 ALV570		<table><tr><th>Model</th><th>Code</th><th>A</th><th>B</th><th>C</th></tr><tr><td>FSD160</td><td>ALV132</td><td>266</td><td>150</td><td>1000</td></tr><tr><td>FSD200</td><td>ALV1524</td><td>316</td><td>200</td><td>1000</td></tr><tr><td>FSD250</td><td>ALV1513</td><td>367</td><td>250</td><td>1000</td></tr><tr><td>FSD315</td><td>ALV570</td><td>417</td><td>315</td><td>1000</td></tr></table>	Model	Code	A	B	C	FSD160	ALV132	266	150	1000	FSD200	ALV1524	316	200	1000	FSD250	ALV1513	367	250	1000	FSD315	ALV570	417	315	1000																																									
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FSD250	ALV1513	367	250	1000																																																																		
FSD315	ALV570	417	315	1000																																																																		
	Duct Heater Install in ventilation system always after the fan and/or the noise attenuator/air filter.	ALV22796 ALV22797 ALV22759 ALV22790 ALV22791 ALV22792 ALV22779		<table><tr><th>Model</th><th>Code</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>F</th></tr><tr><td>AH100</td><td>ALV22796</td><td>100</td><td>185</td><td>325</td><td>100</td><td>40</td><td>230</td></tr><tr><td>AH125</td><td>ALV22797</td><td>125</td><td>225</td><td>325</td><td>125</td><td>40</td><td>230</td></tr><tr><td>AH150</td><td>ALV22759</td><td>150</td><td>250</td><td>380</td><td>150</td><td>40</td><td>285</td></tr><tr><td>AH200</td><td>ALV22790</td><td>150</td><td>300</td><td>380</td><td>200</td><td>40</td><td>285</td></tr><tr><td>AH250</td><td>ALV22791</td><td>150</td><td>350</td><td>380</td><td>250</td><td>40</td><td>285</td></tr><tr><td>AH315</td><td>ALV22792</td><td>150</td><td>415</td><td>380</td><td>315</td><td>40</td><td>245</td></tr><tr><td>H3-315</td><td>ALV22779</td><td>150</td><td>415</td><td>380</td><td>315</td><td>40</td><td>240</td></tr></table>	Model	Code	A	B	C	D	E	F	AH100	ALV22796	100	185	325	100	40	230	AH125	ALV22797	125	225	325	125	40	230	AH150	ALV22759	150	250	380	150	40	285	AH200	ALV22790	150	300	380	200	40	285	AH250	ALV22791	150	350	380	250	40	285	AH315	ALV22792	150	415	380	315	40	245	H3-315	ALV22779	150	415	380	315	40	240		
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	Filter Box Install in ventilation system always after the fan and/or the noise attenuator/duct heater. Suitable to avoid impurities entering the ventilation system. Panel filter included.	ALV22793 ALV22794 ALV22799 ALV22787 ALV22788		<table><tr><th>Model</th><th>Code</th><th>A</th><th>B</th><th>C</th><th>D</th><th>E</th></tr><tr><td>ALVFB100</td><td>ALV22793</td><td>210</td><td>170</td><td>125</td><td>100</td><td>227</td></tr><tr><td>ALVFB125</td><td>ALV22794</td><td>220</td><td>205</td><td>145</td><td>125</td><td>252</td></tr><tr><td>ALVFB150</td><td>ALV22799</td><td>270</td><td>235</td><td>160</td><td>150</td><td>267</td></tr><tr><td>ALVFB200</td><td>ALV22787</td><td>320</td><td>275</td><td>185</td><td>200</td><td>302</td></tr><tr><td>ALVFB250</td><td>ALV22788</td><td>355</td><td>320</td><td>235</td><td>250</td><td>352</td></tr></table>	Model	Code	A	B	C	D	E	ALVFB100	ALV22793	210	170	125	100	227	ALVFB125	ALV22794	220	205	145	125	252	ALVFB150	ALV22799	270	235	160	150	267	ALVFB200	ALV22787	320	275	185	200	302	ALVFB250	ALV22788	355	320	235	250	352																								
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	Lineo-G Protection Grille (Not suitable for Lineo Es) Mount directly on the product at outlet/inlet. Useful for safety and to protect product from external bodies. Steel, black epoxy powder coated for perfect weather protection.	ALV22701 ALV22702 ALV22703 ALV22704 ALV22705 ALV22706		<table><tr><th>Model</th><th>Code</th><th>A</th><th>B</th></tr><tr><td>LINEO-G100</td><td>ALV22701</td><td>101</td><td>29</td></tr><tr><td>LINEO-G125</td><td>ALV22702</td><td>127</td><td>29</td></tr><tr><td>LINEO-G150</td><td>ALV22703</td><td>151</td><td>35.5</td></tr><tr><td>LINEO-G160</td><td>ALV22704</td><td>161</td><td>34</td></tr><tr><td>LINEO-G200</td><td>ALV22705</td><td>201</td><td>42</td></tr><tr><td>LINEO-G250</td><td>ALV22706</td><td>255</td><td>50.5</td></tr></table>	Model	Code	A	B	LINEO-G100	ALV22701	101	29	LINEO-G125	ALV22702	127	29	LINEO-G150	ALV22703	151	35.5	LINEO-G160	ALV22704	161	34	LINEO-G200	ALV22705	201	42	LINEO-G250	ALV22706	255	50.5																																						
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	Automatic Air Inlet Trickle air vent for enclosed spaces	ALV91012		<table><tr><th>Model</th><th>Code</th><th>A</th><th>B</th><th>C</th><th>D</th></tr><tr><td>Automatic Air Inlet 400</td><td>ALV91012</td><td>405</td><td>18</td><td>20</td><td>12</td></tr></table>	Model	Code	A	B	C	D	Automatic Air Inlet 400	ALV91012	405	18	20	12																																																						
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	Rubber Mounts Available in the following sizes: 17kg, 25kg, 40kg, 55kg & 80kg			<table><tr><th>Model</th><th>Code</th><th>Weight kg</th></tr><tr><td>RIS Blue</td><td>ALV2400</td><td>17</td></tr><tr><td>RIS White</td><td>ALV2401</td><td>25</td></tr><tr><td>RIS Red</td><td>ALV2402</td><td>40</td></tr><tr><td>RIS Green</td><td>ALV2403</td><td>55</td></tr><tr><td>RIS Yellow</td><td>ALV2404</td><td>80</td></tr></table>	Model	Code	Weight kg	RIS Blue	ALV2400	17	RIS White	ALV2401	25	RIS Red	ALV2402	40	RIS Green	ALV2403	55	RIS Yellow	ALV2404	80																																																
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	Spring Mounts Available in the following sizes: 10kg, 15kg, 30kg, 50kg, 75kg, 125kg & 200kg			<table><tr><th>Model</th><th>Code</th><th>Weight kg</th></tr><tr><td>Spring Yellow</td><td>ALV2409</td><td>10</td></tr><tr><td>Spring Brown</td><td>ALV2410</td><td>15</td></tr><tr><td>Spring Blue</td><td>ALV2411</td><td>30</td></tr><tr><td>Spring Black</td><td>ALV2412</td><td>50</td></tr><tr><td>Spring Red</td><td>ALV2413</td><td>75</td></tr><tr><td>Spring Green</td><td>ALV2414</td><td>125</td></tr><tr><td>Spring Orange</td><td>ALV2415</td><td>200</td></tr></table>	Model	Code	Weight kg	Spring Yellow	ALV2409	10	Spring Brown	ALV2410	15	Spring Blue	ALV2411	30	Spring Black	ALV2412	50	Spring Red	ALV2413	75	Spring Green	ALV2414	125	Spring Orange	ALV2415	200																																										
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	Spring Isolation Hanger Available in the following sizes: 15kg, 30kg, 50kg, 75kg, 125kg, 175kg & 200kg			<table><tr><th>Model</th><th>Code</th><th>Weight kg</th></tr><tr><td>Spring Hanger Brown</td><td>ALV2420</td><td>15</td></tr><tr><td>Spring Hanger Blue</td><td>ALV2421</td><td>30</td></tr><tr><td>Spring Hanger Black</td><td>ALV2422</td><td>50</td></tr><tr><td>Spring Hanger Red</td><td>ALV2423</td><td>75</td></tr><tr><td>Spring Hanger Green</td><td>ALV2424</td><td>125</td></tr><tr><td>Spring Hanger Grey</td><td>ALV2425</td><td>175</td></tr><tr><td>Spring Hanger Orange</td><td>ALV2426</td><td>200</td></tr></table>	Model	Code	Weight kg	Spring Hanger Brown	ALV2420	15	Spring Hanger Blue	ALV2421	30	Spring Hanger Black	ALV2422	50	Spring Hanger Red	ALV2423	75	Spring Hanger Green	ALV2424	125	Spring Hanger Grey	ALV2425	175	Spring Hanger Orange	ALV2426	200																																										
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FLAT-PACK DUCTING (durable, lightweight, versatile)

Model	Description	Code
	Rectangular Duct 220mm x 90mm x 2m 300mm x 60mm x 2m 350mm x 75mm x 2m	RD220902 RD300602 RD350752
	Rectangular Duct Connector 220mm x 90mm 300mm x 60mm 350mm x 75mm	RDCON22090 RDCON30060 RDCON35075
	Rectangular to Round Fitting 220mm x 90mm Ø150 220mm x 90mm Ø200 300mm x 60mm Ø150 300mm x 60mm Ø200 350mm x 75mm Ø150 350mm x 75mm Ø200	RDRR22090-150 RDRR22090-200 RDRR30060-150 RDRR30060-200 RDRR35075-150 RDRR35075-200
	Rectangular Duct Horizontal – 45° bend 220mm x 90mm 300mm x 60mm 350mm x 75mm	RDH45B22090 RDH45B30060 RDH45B35075
	Rectangular Duct Horizontal – 90° bend 220mm x 90mm 300mm x 60mm 350mm x 75mm	RDH90B22090 RDH90B30060 RDH90B35075
	Rectangular Duct Vertical – 45° bend 220mm x 90mm 300mm x 60mm 350mm x 75mm	RDV45B22090 RDV45B30060 RDV45B35075
	Rectangular Duct Vertical – 90° bend 220mm x 90mm 300mm x 60mm 350mm x 75mm	RDV90B22090 RDV90B30060 RDV90B35075
	Rectangular to Oval Fitting 220mm x 90mm Ø150 300mm x 60mm Ø150 350mm x 75mm Ø150	RDRR22090-150 Oval RDRR30060-150 Oval RDRR35075-150 Oval
	T Piece Duct 220mm x 90mm 300mm x 60mm 350mm x 75mm	RDT22090 RDT30060 RDT35075
	Adjustable Rangehood Adaptors 220mm x 90mm Ø150 300mm x 60mm Ø150 350mm x 75mm Ø150	RDRHA22090-150 RDRHA30060-150 RDRHA35075-150
	Duct Clip 220mm x 90mm 300mm x 60mm 350mm x 75mm	RDCLIP22090 RDCLIP30060 RDCLIP35075



AIR FILTERS

FILTERS

MULTI GRADE FILTERS

High quality, multi grade filters available in various sizes to improve air quality. Designed to be inserted into a frame/ slide

Features

- Available in multiple grades from G4 upwards
- Standard and custom sizes available
- Widths include 8, 11, 25, 50 & 100mm

Available types

- Cardboard (CDF)
- Metal Washable Panel Filter (WPF)
- Metal Washable V Form (WVF)
- HEPA filters
- Bag filters

Technical Data

Model	Code	Nominal Size inches (W x H x D)	Actual Size mm (W x H x D)
CDF12/12/2	ALV2002	12x12x2	289 x 289 x 44
CDF12/20/2	ALV2003	12x20x2	289 x 492 x 44
CDF12/24/2	ALV2004	12x24x2	289 x 594 x 44
CDF16/16/2	ALV2009	16x16x2	390 x 390 x 44
CDF16/24/2	ALV2012	16x24x2	390 x 594 x 44
CDF18/18/2	ALV2031	18x18x2	441 x 441 x 44
CDF20/20/2	ALV2020	20x20x2	492 x 492 x 44
CDF24/24/2	ALV2026	24x24x2	594 x 594 x 44
CDF25/25/2	ALV2028	25x25x2	619 x 619 x 44

Other standard and custom sizes available



Car Park Ventilation

Car Park Ventilation - Jet Fan Range

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Engineering	65
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IVR-EC Jet Series	68
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AXIAL and CENTRIFUGAL JET FANS

Car Park Jet Fans

IVRD / EC Jet / IVRW EC / IVRD EC



Why ventilate with jet fans?

Jet fan ventilation (also known as impulsion or induction ventilation) uses non-ducted axial or radial fans to move vast amounts of air at low speed through generated air streams, supplying fresh air from outside whilst extracting pollutants from the inside. Jet fans are placed near the car park's ceiling similar to ventilation systems in road tunnels.

Jet fan ventilation technology is now the standard in car park ventilation in many countries across the world. Its' concept is based on air streams generated by any number of virtually silent, free-blowing axial or radial fans efficiently moving air from the supply to the exhaust points on each car park level.

The jet fan ventilation system is regulated by sensors that monitor the CO levels on specific car park levels. These sensors can activate the appropriate number of fans needed to meet specific ventilation requirements and choose the relevant speed of the fans to maintain reduced sound emissions.



Our simple 3 step process.

1. Planning Concepts

Design considerations by assessing car park specifications, ventilation requirements and jet fan dynamics.

2. Computational Fluid Dynamics

Actually see how your car park ventilation will perform before installation has even begun.

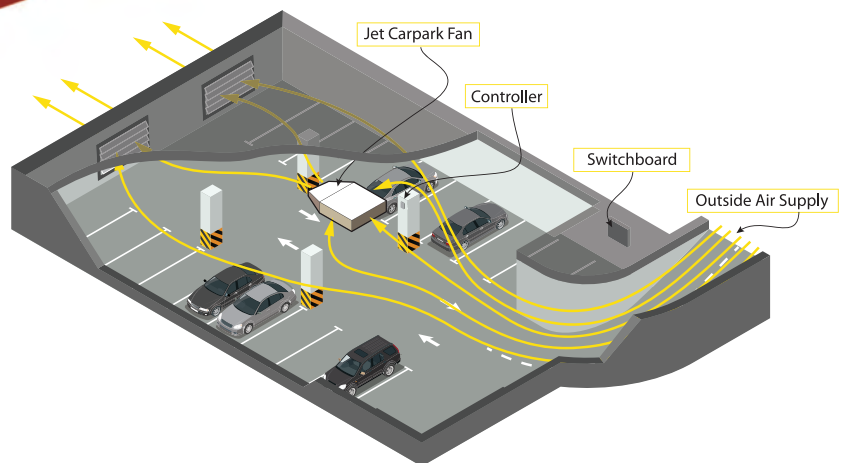
3. Engineering

Designing the system layout for the welfare and well-being of all users, maintenance workers and emergency services.

Planning Concepts

Design considerations

Whether small or large, Jet Fan ventilation systems can be tailored to your car park needs.



Reduced consumptions means low operating costs

To keep car park pollutant measures continually monitored and regulated through mechanical ventilation systems leads to high management costs. The consequences of ducted ventilation systems that require high air speed are load losses in the ducts and high energy consumption.

A jet fan ventilation system utilises the car park architecture to help the transfer of polluted air to the outside. This is why jet fans can be operated at lower speeds, ensuring significant energy savings.

Construction cost savings and efficient use of the car park space

Induction jet fan ventilation systems do not require bulky ventilation ducts that reduce valuable indoor space. Nor do they need the installation of oversize fans to control pressure losses.

Induction jet fans feature reduced height making them ideal for low-ceiling car parks where maximising space is essential to the users, maintenance workers and emergency services. Whether installed in a low- or high-ceiling car park, their reduced height allows extensive views for surveillance video cameras, increasing security and user safety.

Jet fan ventilation systems allow for a virtual partition of the car park through 'fire zones'. The fire zones confine smoke in certain areas without spread. Therefore, firewalls are no longer required leaving increased availability of vehicle parking spaces.

High air quality inside the car park

Jet Fans must be correctly positioned within a car park to ensure a sufficient air exchange rate and maintain low CO levels.

Air flows generated near the car park ceiling promote the car park air circulation, preventing the stagnation of polluted air, without affecting user thoroughfare with undesirable air movement.

Mechanically ventilated car parks minimum requirements for daily ventilation:

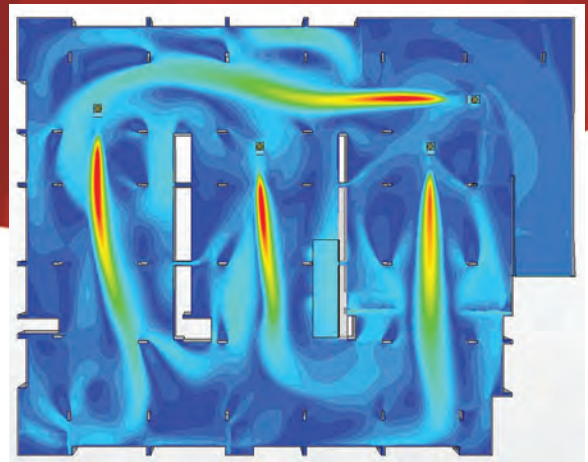
The maximum permissible carbon monoxide level is 50ppm averaged over eight hours, with levels not exceeding 100ppm for 30 minutes.

CFD Analysis

Computational Fluid Dynamics

2

With CFD modelling you can easily adjust the position of your Jet Fans to best suit maximum ventilation before they are even installed.



Computational Fluid Dynamics (CFD)

Computational Fluid Dynamics (CFD) analysis is a valuable tool to efficiently design and plan a ventilation system for your car park. It precisely predicts air flows by dividing the car park space into thousands of different cells (mesh) using specific mathematical models generated with real field experience.

With a CFD analysis, you can visually ascertain air flows and smoke trails to predict their dispersal to various areas and fire ignition points, and investigate the influence jet fans may have if differently positioned.

In this way the designer can optimise the layout and number of jet fans required, and avoid unproductive and expensive oversizing. Once the system is installed, it is a good practice to carry out a test to check the efficiency of the system to limit smoke in the fire ignition area and transfer it from the car park without obstructing emergency exits.

ALLVENT provides both the CFD modelling to demonstrate the ventilation system is adequate and effective, and a full technical report to obtain council or local authority approval prior to installation.

The Final Report Includes:

- A description of the car park and the ventilation system;
- The design criteria and targets of the analysis;
- The details of the CFD model setting; and
- The final results of the analysis.

Engineering

Design and system layout

Find the perfect layout for your Jet Fan ventilation system, engineered with precision.



Design Criteria

An efficient jet fan ventilation system depends on precise design and planning. It must include the car park layout, main characteristics, type (underground or aboveground), overall surface, height, number of access ramps and their layout within the car park space, position of openings and extraction intakes.

Jet Fan ventilation systems consist of:

- **Jet Fans** – installed on the car parks ceiling;
- **Main Fans** – placed on the supply and extraction points;
- **Switches** – on/off;
- **Sensors** – CO, smoke and heat; and
- **Fan Control Unit** - managing the operation of Jet Fans, main fans and dampers based on the sensors' readouts. It also ensures correct ventilation in the car park and dilution of CO concentrations.

Jet Fans

Induction jet fans feature an overall shorter height and a higher thrust, which make them particularly suitable for low-height car parks. Also, their laminar flow prevents unwanted turbulence.

Main Fans

To elevate the appropriate ventilation in a car park, the quick extraction of smoke (in case of fire), and the supply of fresh air near the emergency exits, jet fans must be combined with axial fans installed near the ventilation intakes/risers. Metal (die-cast aluminum) blades are used.

Sensors and Switches

The accurate operation of a jet fan ventilation system includes the automatic control of the installed fans. Sensors activate the fans at the appropriate speed and time to limit CO concentrations. In case of fire, the fans can also be managed by a series of smoke and/or heat sensors. The system must also include a series of on/off switches, the operation of which is controlled by the fire brigade.

Thrust	Ideal distance between two Jet Fans side-by-side	Ideal distance between two Jet Fans in series
30 N	8–10 m	15–20 m
50 N	15 m	35–40 m
80 N	15 m	55–60 m
100 N	15–17 m	70–80 m

Quiet

Maximum thrust

8900 m³/h

CENTRIFUGAL JET FANS

IVRD Series

CARPARK VENTILATION AND EXTRACTOR FANS



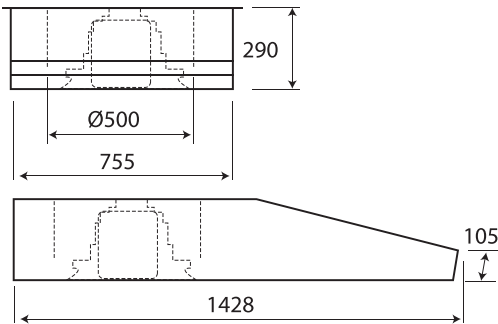
Quiet and universal in application – setting the standard in thrust and weight. Suitable for ventilation of car parks with ambient temperature from up to 40°C.

Technical Data

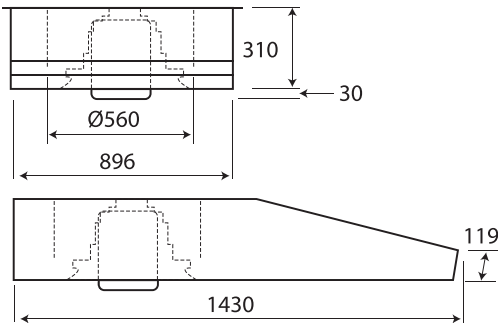
Model	Code	Thrust	Air Flow Speed	Max. Air Flow Volume	RPM	Sound Pressure Level	Nominal Motor Power	Current		Phase	Nominal Weight ca.
								Full Load	Initial		
		N	m/s	V m³/h	min⁻¹	dBA	kW	Amps	Amps		kg
IVRD 500/4	ALV1104	43	21.3	6100	1440	55	1.5	3.3	20.5	3	63
IVRD 560/4	ALV1105	75	25.2	8900	1420	58	2.20	4.6	34		72

Dimensions

43N



75N



Features

- Low noise emission
- Maximum thrust
- Easy and fast to install due to lightweight, aluminium construction
- Direct driven, centrifugal
- Option: Onboard smoke detection available
- Smoke spill version available

- Compact
- Energy efficient
- Very quiet

CENTRIFUGAL JET FANS

EC Jet Series

CAR PARK VENTILATION FANS



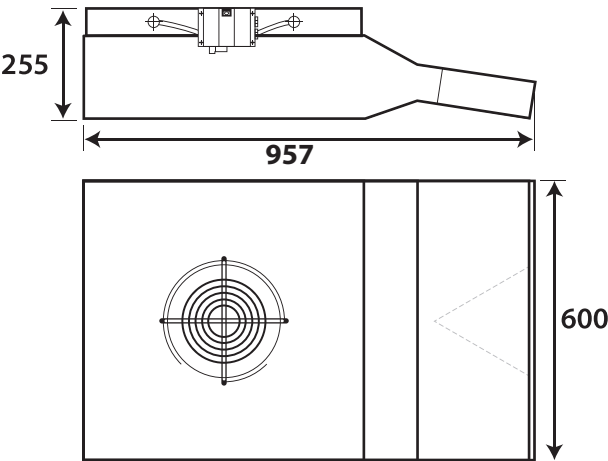
With minimised casing height in combination with specially designed outlet nozzles the EC jet fan can be positioned at the ideal location and not interfere with traffic circulation.

Technical Data

Model	Code	Thrust	Max. Air Flow Volume	RPM	Sound Pressure Level	Nominal Motor Power	Current	Phase	Nominal Weight ca.
							Full Load		
		N	V m³/h	min ⁻¹	dBa	kW	Amps		kg
HC-EC	ALV750	20	3400	780	58	0.53	2.2	1	12

Effective plume length 33m

Dimensions



Features

- Isolator (safety switch)
- Frequency controlled
- A reduction in the number of thrust fans required (by up to 65%) due to improved system performance
- Lower energy consumption
- Fewer cables, including ancillaries
- Lower installation costs
- Lower maintenance costs
- Option: Onboard smoke detection available

These fans have been developed to provide many technical and financial benefits and advantages, using the unique patented outlet venturi and the ultra-flat centrifugal impeller, resulting in a very low installation height of 255mm.

IP54

High performance

High efficiency

CENTRIFUGAL JET FANS

IVR-EC Jet Series

CAR PARK VENTILATION FANS

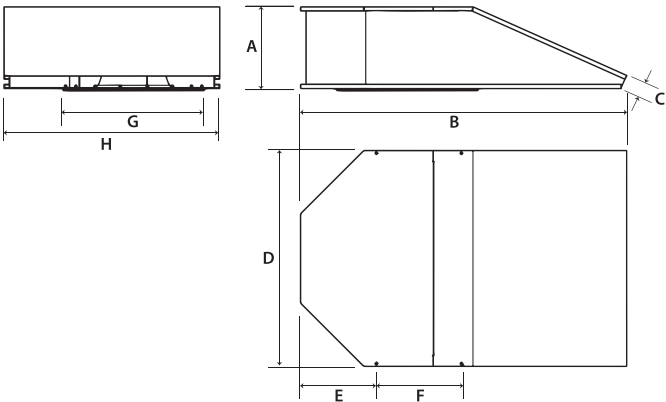


High quality, high-performance jet fans with optimal dimensions for the smallest space requirements. Latest EC technology for economical ventilation solutions in parking garages and commercial applications.

Technical Data

Model	Code	Power	Thrust	Air Flow Speed	Max. Air Flow Volume	RPM	Sound Pressure @ 3m	Nominal Motor Power	Current	Phase	Nominal Weight ca.
		V	N	m/s	V m³/h	min⁻¹	dBA	kW	Full Load Amps		kg
IVRW EC 400	ALV09802	230	50	33.0	4700	1950	55	1.25	6.4	1	28
IVRD EC 450	ALV09803	400	75	36.0	6300	1800	57	1.80	2.9	3	33

Dimensions



	A	B	C	D	E	F	ØG	H
IVRW EC 400	334	1264	50	814	311	300	400	840
IVRD EC 450	372	1420	56	916	330	370	450	939

Features

- Low sound emission levels
- Highly efficient motor with EC technology
- Variably controllable via 0 – 10 Volt signal
- Maximum thrust power
- Aluminium casing in lightweight design for peak efficiency.
- Aerodynamic inlet nozzle
- Simple and easy to install due to low weight
- Centrifugal impeller driven directly by EC external rotor motor
- Supply and extract ventilation with air flow temperatures up to 40 °C
- High-performance centrifugal impeller with backward curved blades
- Protection class IP54
- Option: Onboard smoke detection available

IMPROVE YOUR AIR QUALITY

Jet Fan Accessories

CAR PARK VENTILATION

Quality products to make your car park safe and easy to monitor.



Firecat 12V

Non-latching Smoke Detector

The Firecat is a low current, industrial standard sensor which can operate either as an optical, opto/heat combined, rate of rise heat or fixed 77" heat sensor via selection switches.

The detector is equipped with a set of volt-free contacts. It can be configured to auto-reset from the alarm setting, has a dual LED indicator to indicate the alarm setting, and be configured to give a short flash in the normal setting.

The Firecat smoke detector system can be integrated and fitted to ALL jet fan models.



Universal Controller

TC5044

The TC5044 is a programmable controller that has pre-programmed blocks for CO. The controller is housed in a 4 DIN module, 70 x 88 x 62mm enclosure and comes with its own DIN rail mount or can be mounted on a standard 35mm DIN mounting rail. The TC5044 controller has a 2 x 16 character LCD display with white backlighting, 4 blue relay status LED's and 3 push button's for INCREASE, DECREASE, and SELECT.



CO Smart Sensor

CO3800

The CO3800 Carbon Monoxide smart sensor is a slim, wall-mounted sensor with a tiny fan that draws air in from the bottom of the polycarbonate housing through a dust filter, over the sensor and discharges through the top to ensure a positive response to CO emissions while the sensor is well protected inside the housing.

The CO3800 sensor operates on a two-wire, non-polarised connection to the TC5044 controller.



See our quality range of exhaust/supply fans at www.allvent.com.au



Bringing Air to Life.

NOTES

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Commercial Ventilation

Commercial Ventilation

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ADJUSTABLE PITCH AXIAL FANS

AFA Series
SUPPLY AND EXTRACT

Allvent offers AFA series with fan size ranging from 315 to 2000mm diameter catering for all commercial and industrial applications.

Features

- Hot dipped galvanised steel construction
- High Efficiency, High Temp, Smoke Spill (Class F & Class H), Explosion proof (Exe, Exd, & Exn) motor options available
- Aluminium, GRP & Anti Static impellers available depending on the application
- Available range from 2-8 pole
- Custom cases available to suit on site requirements
- Optional Painting/Epoxy coating available
- Indoor and Outdoor installation
- Motor size ranging from 0.37kW to 90kW
- VSD controllable

Accessories

- Feet and Flanges to suit
- Anti vibration mounts to suit (refer pg 58)
- Inlet Cones and Finger guards to suit
- VSD (refer pg 57)
- Attenuators to suit

Applications

- Car Park
- General exhaust and supply
- Industrial
- Warehouse Exhaust
- Battery rooms
- Smoke Spill applications
- Kitchen exhaust and supply

Technical Data

Model	Power (V)	Dia (mm)	Pole range
AFA31	400	315	2-4
AFA40	400	400	2-6
AFA45	400	450	2-6
AFA50	400	500	2-6
AFA56	400	560	2-6
AFA63	400	630	2-8
AFA71	400	710	2-8
AFA80	400	800	4-8
AFA90	400	900	4-8
AFA10	400	1000	4-8
AFA112	400	1120	4-8
AFA125	400	1250	4-8
AFA140	400	1400	6-8
AFA150	400	1500	6-8
AFA160	400	1600	6-8
AFA180	400	1800	6-8
AFA200	400	2000	6-8

CIRCULAR, RECTANGULAR, CROSS-TALK ATTENUATORS & ACOUSTIC LOUVRES

Attenuator Range

Attenuators or Silencers, are essential in HVAC installations to control noise generated by fans, airflow turbulence, and other components. They ensure acoustic comfort, compliance with noise regulations, and prevent sound transmission through ducts. By maintaining low noise levels, attenuators improve indoor environment quality, making them indispensable for efficient and quiet HVAC operation.

Features

- Available in 4 different types - Circular, Rectangular, Cross-Talk & Acoustic Louvre
- Fibreglass or rockwool are used for acoustic fill.
- Podded and Unpodded ranges available ranging from sizes 150-2000mm diameter with customisable lengths up to 3600mm
- Rectangular type attenuators are customisable with dimensions. Tapered and Straight splitter options available.
- Special material construction is available in corrosive environment applications.
- Melinex Lining option available for both circular and rectangular attenuator options
- Acoustic Louvres are ideally suited to installations that require the passing of large volumes of air with only a moderate noise reduction from source to receiver. For increased attenuations grill silencers can be mounted behind standard weather louvres.

Circular Attenuators



Air Relief Silencers



Rectangular Attenuators



Acoustic Louvres





INLINE DUCT MOUNTED

AVICS Series

HIGH PERFORMANCE

Particularly suitable for medium to higher air flow volumes against high resistances in exhaust air systems of process technology or commercial kitchens.



The AVICS series is a range of inline duct mounted fans for use in general ventilation systems. All models are built around high performance centrifugal impellers driven by totally enclosed fan cooled (TEFC) or external rotor motors (ERM). Note that single phase AVICS series fans are only available in ERM models.

Technical Data

Model	Code	Full Load Current	kW	dBA @ 3m	Phase
ICS280-4EE	ALV2019	0.35	0.08	46	1
AVICS315-4EE	ALV8806	0.81	0.17	39	
AVICS315-6EE	ALV820	0.42	0.08	34	
AVICS355-4EE	ALV8808	1.3	0.27	45	
AVICS355-6EE	ALV8813	0.5	0.1	39	
AVICS400-4EE	ALV8803	1.9	0.43	46	
AVICS400-6EE	ALV8814	0.83	0.17	38	
AVICS450-4EE	ALV8816	3.3	0.73	54	
AVICS450-6EE	ALV8818	1.4	0.3	43	
AVICS500-4EE	ALV8820	5.8	1.3	53	
AVICS500-6EE	ALV8822	2.2	0.45	44	
AVICS560-6EE	ALV8810	3	0.66	47	
AVICS315-4DD	ALV8804	1.03	0.37	46	3
AVICS355-4DD	ALV8807	1.03	0.37	51	
AVICS400-4DD	ALV8811	1.26	0.55	54	
AVICS400-6DD	ALV8812	1.66	0.55	44	
AVICS450-4DD	ALV8815	2.37	1.1	58	
AVICS450-6DD	ALV8817	1.66	0.55	49	
AVICS500-4DD	ALV8819	3.19	1.5	59	
AVICS500-6DD	ALV8821	1.87	0.75	50	
AVICS560-4DD	ALV8823	5.9	3	64	
AVICS560-6DD	ALV8824	2.62	1.1	53	
AVICS630-4DD	ALV8825	10.3	5.5	70	
AVICS630-6DD	ALV8826	4.83	2.2	60	
AVICS630-8DD	ALV8827	2.2	0.75	53	
AVICS710-6DD	ALV8828	6.47	3	62	
AVICS710-8DD	ALV8829	2.91	1.1	55	

Features

- High reliability TEFC or ERM motors with sealed for life bearings
- Class ‘H’ available across all sizes
- EXE, EXD, motors available across the range
- EC models available
- High performance backward curve centrifugal impellers
- Perfectly suited to medium/high volume and pressure applications
- Fully speed controllable
- Fans can be mounted at any angle

Construction

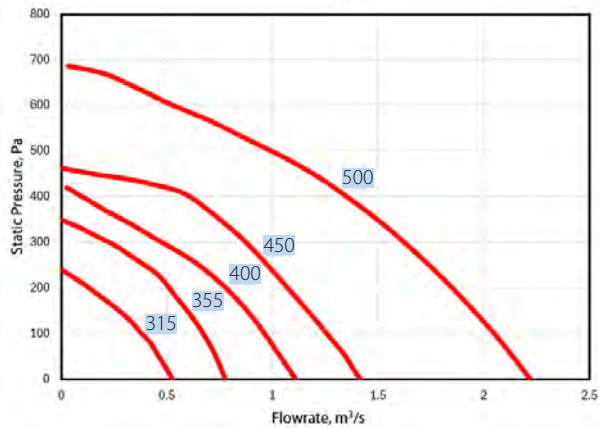
Cases are fabricated from galvanised sheet steel with standard duct flanges for easy installation. Impellers are high efficiency backward curve centrifugal type. The impeller and motor assembly is supported by a robust galvanised steel frame for long, trouble free service.

Motors

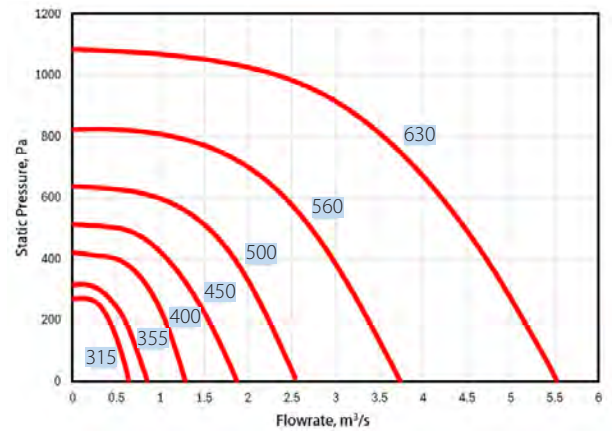
Motors are of TEFC or ERM design. Motor enclosure feature minimum IP54 protection as standard with higher ratings are available on request. Motor windings incorporate class ‘F’ insulation as standard although class ‘H’ is readily available. Motor bearings are sealed for life and maintenance.

AVICS Performance Curves

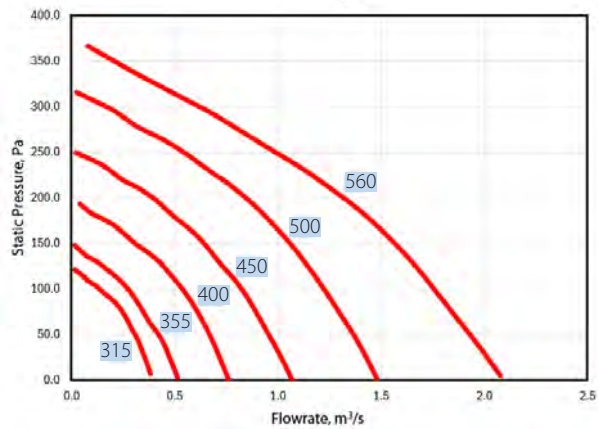
AVICS 4-POLE (Single Phase ERM)



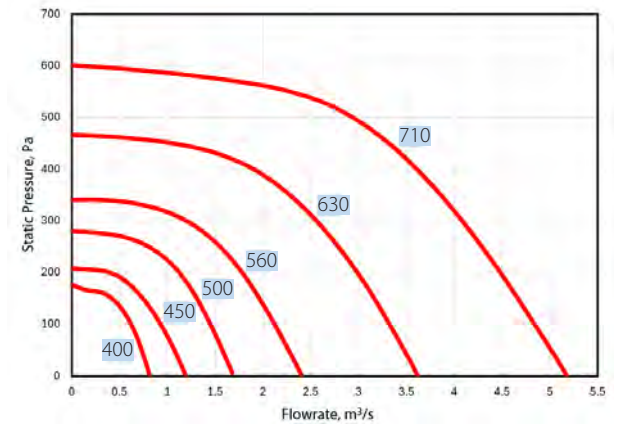
AVICS 4-POLE (Three Phase TEFC)



AVICS 6-POLE (Single Phase ERM)



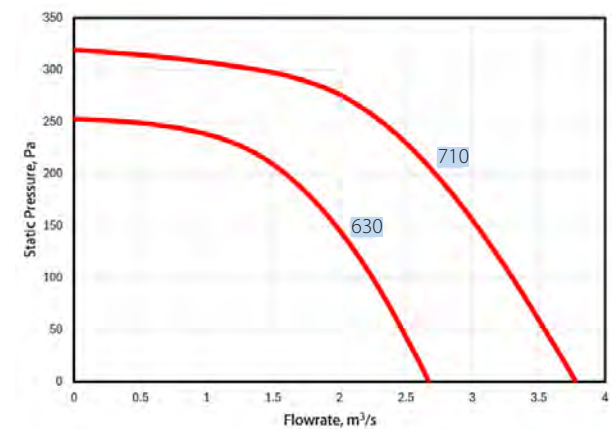
AVICS 6-POLE (Three Phase TEFC)



Accessories

- Feet and Flanges to suit
- Anti vibration mounts to suit (refer pg 58)
- VSD/Speed controllers (refer pg 56, 57)
- Attenuators to suit

AVICS 8-POLE (Three Phase TEFC)





INLINE DUCT MOUNTED

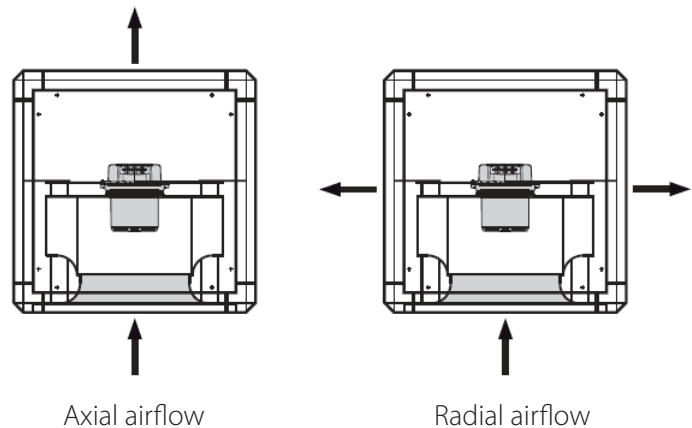
QCF Series

POWERFUL QUIET PERFORMANCE

The flexible and compact EC Quiet Cube Fans are designed to handle small to medium air volumes.

Features

- High Efficient Motors IE4 (single phase and IE5 (three phase)
- Energy saving EC technology - BMS compatible
- Discharge in any direction
- Flexible installation
- Quiet operation
- IP54 rated
- Casing with two aluminum chambers
- 20mm galvanized steel panels



Construction

The housing supporting frames are double chamber aluminum profiles with corners made of plastic and 20 mm double skinned galvanized steel panels insulated with non-inflammable, noise and temperature insulating fiberglass mats. As standard the housing is open opposite the wheel (straight air flow). Changing the airflow direction on site is possible any time by Changing the position of one panel.

This flexibility ensures the highest adjustment possibilities to the structural conditions. All plastic components and cables are UV-resistant.

Backward curved, high performance impellers of aluminium are used. The impellers are driven by an energy saving EC external rotor motor installed in the impeller. The integrated motor protection is signalled via alarm relay.

Assembly Notes



1

Housing made of galvanized sheet steel, aluminium blades.
External levers for setting the blades.



2

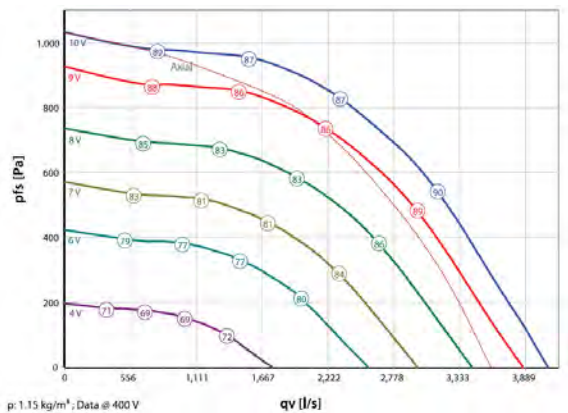
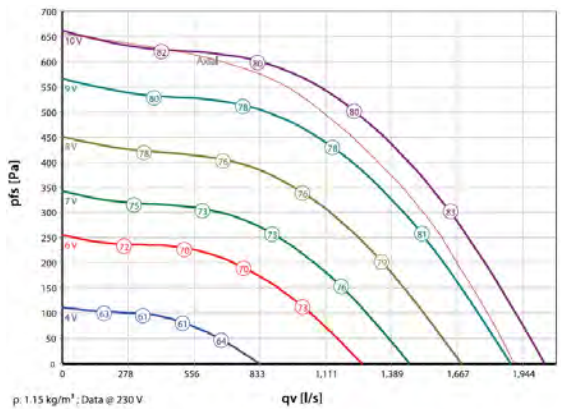
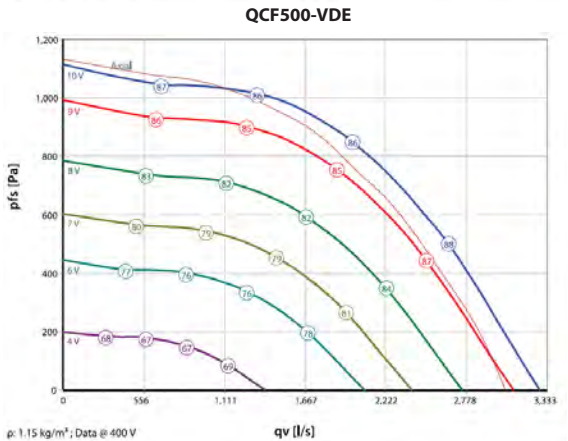
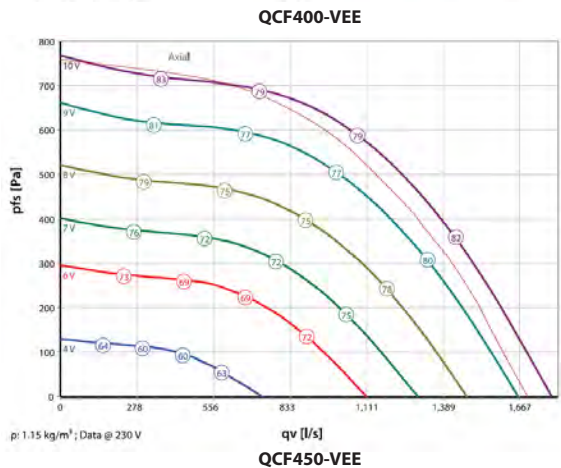
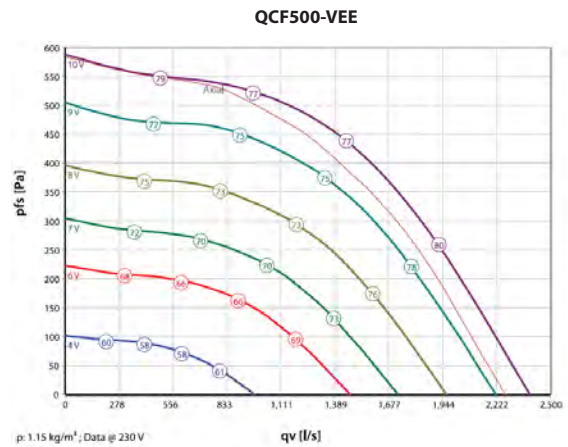
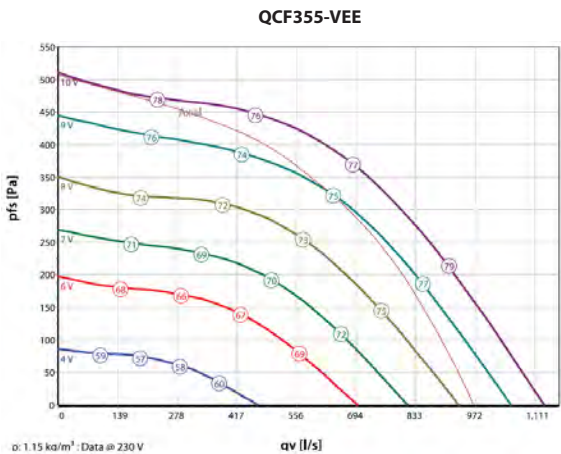
Connection with frame made of galvanized sheet steel.
Flexible middle section made of PVC fabric with a temperature range up to +70°C.

Technical Data

Model	Code	Hz	V	kW	A	RPM	°C	l/s	Phase	Efficiency rating	dBA @ 3m
QCF315-VEE*	ALV80001	50	230	0.44	1.97	2200	-25..+40	833	1	IE4	46
QCF355-VEE	ALV80002	50	230	0.46	2.04	1700	-25..+40	1111	1	IE4	42
QCF400-VEE	ALV80003	50	230	1.04	4.6	1875	-25..+40	1667	1	IE4	42
QCF450-VEE	ALV80004	50	230	1.03	4.63	1550	-25..+40	1944	1	IE4	44
QCF500-VEE	ALV80005	50	230	1.07	4.72	1300	-25..+40	2500	1	IE4	46
QCF500-VDE	ALV80006	50	400	2.69	4.15	1800	-25..+60	3333	3	IE5	58
QCF560-VDE	ALV80007	50	400	3.1	4.8	1550	-25..+50	3889	3	IE5	57
QCF630-VDE*	ALV80008	50	400	2.39	3.71	1100	-25..+60	4444	3	IE5	51
QCF710-VDE*	ALV80009	50	400	2.66	4.13	940	-25..+60	5000	3	IE5	60

* For performance curves, refer to ALLVENT

Performance Curves





designed and
made in
Australia

ROOF MOUNTED CENTRIFUGAL FANS

AVKV Series

VERTICAL DISCHARGE KITCHEN EXHAUST

This series is a range of high performance all metal fans for use in kitchen exhaust and general ventilation applications. Motors are mounted out of the air stream and wind bands are secured with clip fasteners to allow easy access for servicing and cleaning.

Technical Data

Model	Code	Full Load Current	kW	dBA @ 3m	Phase
AVKV190-VEE*	ALV812	0.74	0.09	50	1
AVKV250-4EE	ALV814	0.50	0.05	37	
AVKV315-4EE	ALV820	0.50	0.12	45	
AVKV315-6EE	ALV821	0.50	0.06	38	
AVKV355-4EE	ALV822	1.12	0.25	45	
AVKV355-6EE	ALV823	0.45	0.10	39	
AVKV400-4EE	ALV824	2.40	0.48	49	
AVKV400-6EE	ALV825	0.68	0.16	41	
AVKV450-4EE	ALV827	3.0	0.68	51	
AVKV450-6EE	ALV828	0.3	1.4	43	
AVKV500-4EE	ALV897	5.8	1.3	53	
AVKV500-6EE	ALV898	2.2	0.45	44	
AVKV560-6EE	ALV8990	3	0.66	47	
AVKV315-4DD	ALV815	1.03	0.37	46	3
AVKV355-4DD	ALV818	1.03	0.37	51	
AVKV400-4DD	ALV891	1.26	0.55	54	
AVKV400-6DD	ALV892	1.66	0.55	44	
AVKV450-4DD	ALV893	2.37	1.1	58	
AVKV450-6DD	ALV894	1.66	0.55	49	
AVKV500-4DD	ALV830	2.4	1.1	60	
AVKV500-6DD	ALV831	1	0.37	50	
AVKV560-4DD	ALV833	4.4	2.2	65	
AVKV560-6DD	ALV834	1.7	0.55	54	
AVKV560-8DD	ALV835	1.1	0.37	44	
AVKV630-4DD	ALV836	7.7	4	69	
AVKV630-6DD	ALV837	2.6	1.1	57	
AVKV630-8DD	ALV838	1.7	0.55	49	
AVKV710-6DD	ALV839	4.8	2.2	61	
AVKV710-8DD	ALV840	2.1	0.75	47	

* EC motor

Construction and Dimensions (mm)

Fabricated from powder coated galvanised steel in compliance with AS/NZS1668.1:1998 for kitchen exhaust systems.

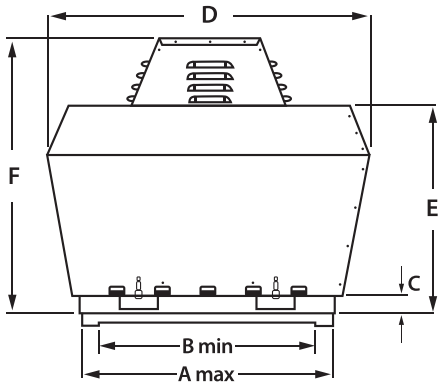
Single-phase power motors drive high performance, backward curve, centrifugal impellers – fully speed controllable. Three-phase models use TEFC motors and are VSD compatible. ERM motors are also available. EC Motors are available in both single and three phase versions.

Different colour finishes are available

High Temp motor available

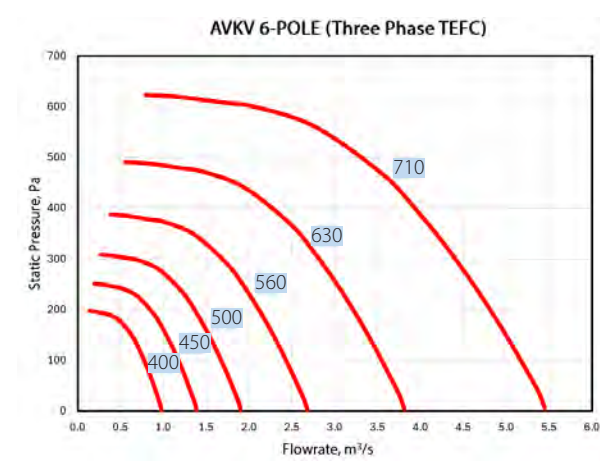
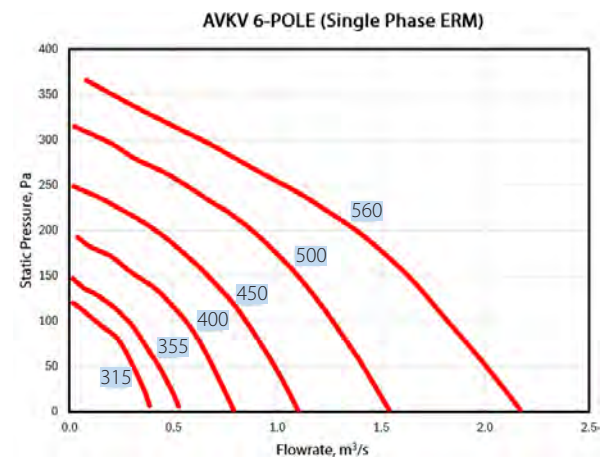
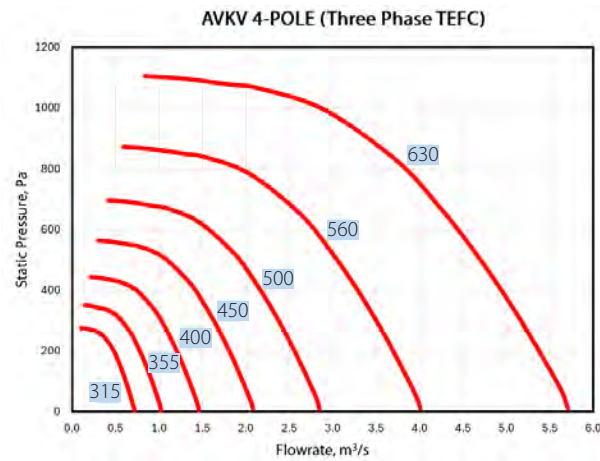
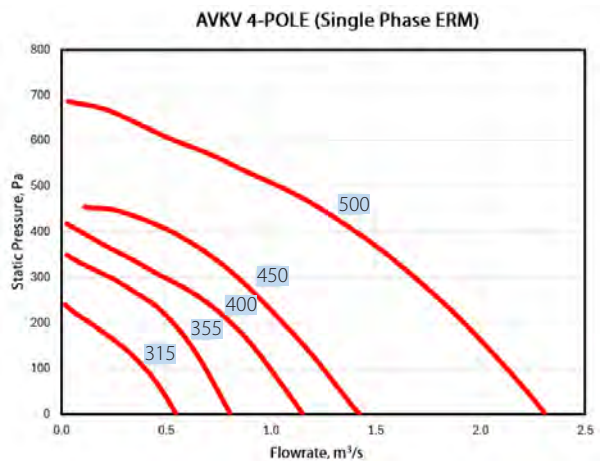
Bushfire range available

Refer to pages 52 & 55 for speed controllers



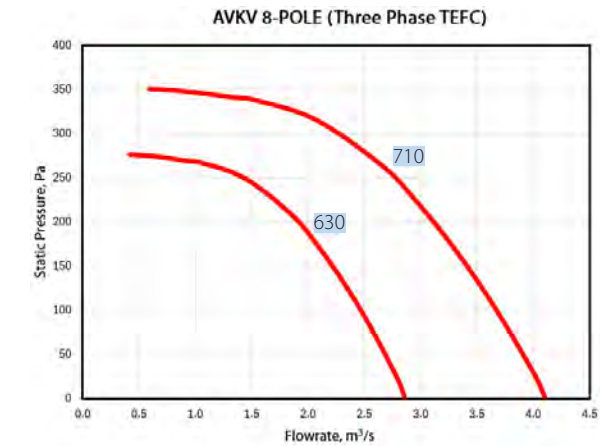
	A	B	C	D	E	F (3-ph models)
AVKV190/250	320	260	80	420	270	-
AVKV315	425	310	80	560	385	630
AVKV355/400	515	400	80	680	460	700
AVKV450/500/560	735	620	80	980	650	820
AVKV630/710	815	710	80	1200	-	910

AVKV Performance Curves



Accessories

- Anti vibration mounts to suit (refer pg 58)
- VSD/Speed controllers (refer pg 56, 57)



ROOF MOUNTED CENTRIFUGAL FANS

VRC / DRC Series

ROOF MOUNTED VENTILATORS



This series is available in single-phase and three-phase power. Single-phase power use external rotor motors with speed control. Three-phase power require step speed controller with external rotor motors.

Technical Data

Model		Code	Power			Speed	Sound
Vertical Discharge	Horizontal Discharge		Motor kW	FLA	Phase	RPM	dBA @ 3m
VRC190-A3		ALV841	0.052	0.23	1	2560	43
	DRC190-A3	ALV842	0.052	0.23	1	2560	43
VRC220-2E		ALV843	0.085	0.38	1	2600	51
	DRC220-2E	ALV844	0.085	0.38	1	2600	51
VRC220-4E		ALV845	0.05	0.25	1	1380	36
	DRC220-4E	ALV846	0.05	0.25	1	1380	36
VRC280-4E		ALV847	0.078	0.35	1	1420	43
	DRC280-4E	ALV864	0.078	0.35	1	1420	43
VRC280-6E		ALV848	0.038	0.35	1	960	35
	DRC280-6E	ALV865	0.038	0.35	1	960	35
VRC315-4E		ALV849	0.115	0.5	1	1430	45
	DRC315-4E	ALV867	0.115	0.5	1	1430	45
VRC315-6E		ALV880	0.06	0.5	1	960	39
	DRC315-6E	ALV866	0.06	0.5	1	960	38
VRC355-4E		ALV881	0.245	1.12	1	1420	45
	DRC355-4E	ALV868	0.125	0.35	1	1420	45
VRC355-6E		ALV882	0.07	0.31	1	870	39
	DRC355-6E	ALV869	0.085	0.15	1	1250	39
VRC400-4E		ALV883	0.48	2.4	1	1370	49
	DRC400-4E	ALV870	0.48	2.4	1	1379	49

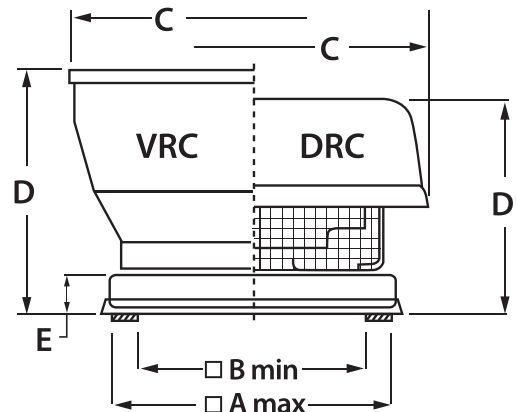
- Also available in 3 phase
- EC models available
- Bushfire Compliant options available (metal construction)

Accessories

- Speed controllers (refer pg 56)
- Backdraft dampers

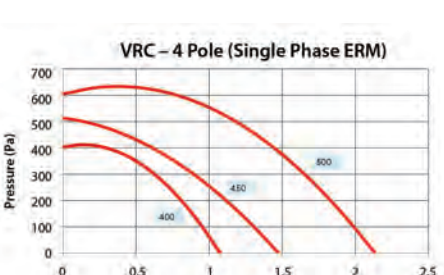
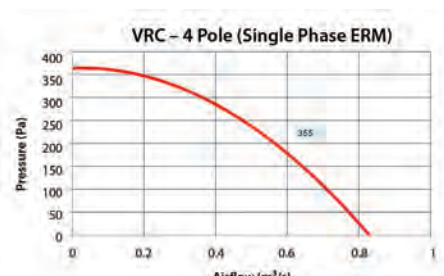
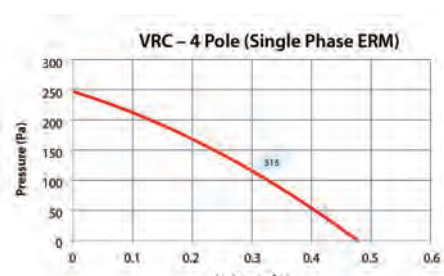
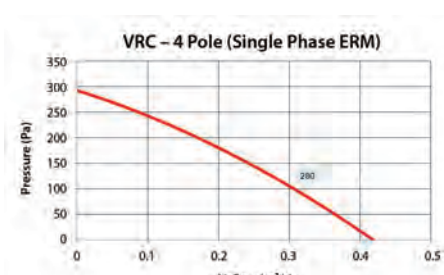
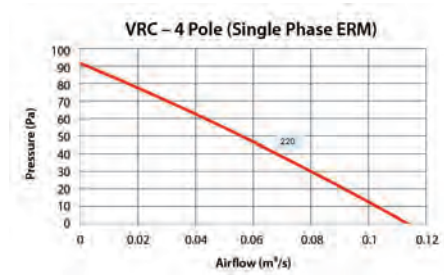
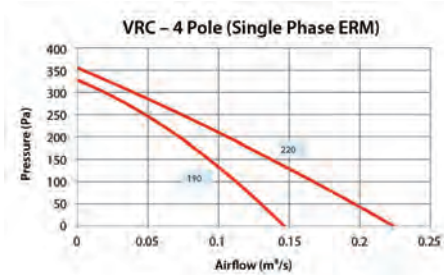
Construction and Dimensions (mm)

Components are made from UV stabilised polymer, corrosion protected steel and fibreglass. All models are fitted with bird mesh as standard. Available in optional Colourbond™ colours.

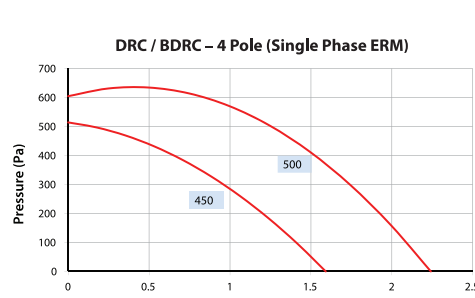
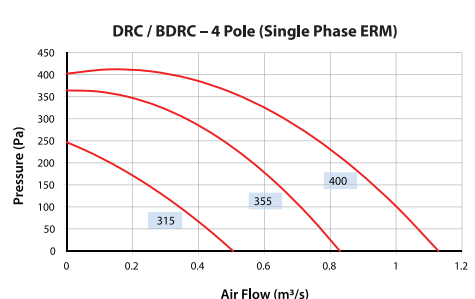
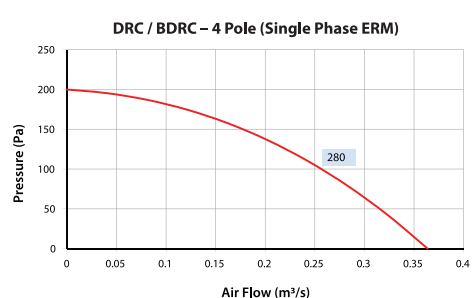
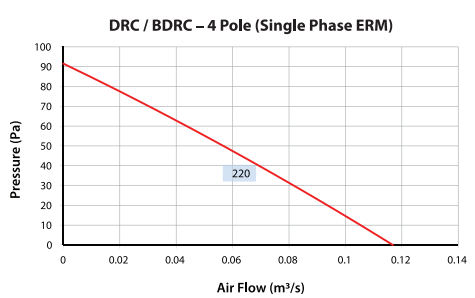
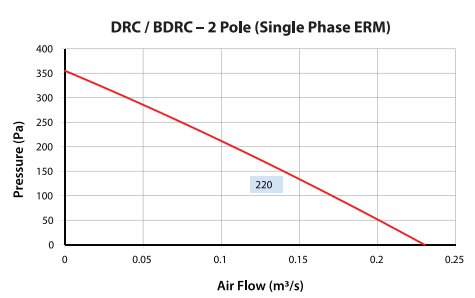
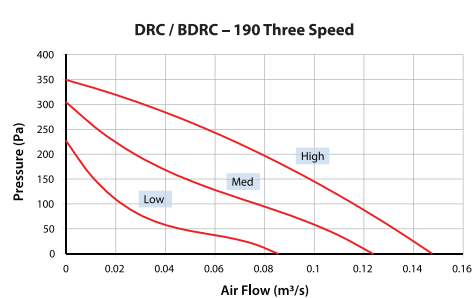


VRC	A	B	C	D	E	Kg
190/220	265	215	400	250	70	7/8
280/315	395	345	500	300	50	10/12
355	500	400	630	396	70	12
400	500	400	630	410	70	15
DRC	A	B	C	D	E	Kg
190	380	325	400	260	60	4
220	295	245	350	120	50	4
280	345	345	507	215	50	5
315	345	345	505	239	50	6
355	500	400	730	410	70	12
400	500	400	730	427	70	16

VRC Performance Curves



DRC Performance Curves



ROOF MOUNTED AXIAL

KAF

VERTICAL DISCHARGE KITCHEN EXHAUST



For commercial installations ranging from food trucks to shop fitouts. Suitable retrofit option for existing round base installations.

Technical Data

Model	Code	mm	A	kW	Hz	Phase	V	l/s	m³/h	Pa	RPM	dB(A) @ 3m
KAF250-4E	ALV620	250	0.55	0.12	50	1	240	500	1800	300	1390	48
KAF305-4E	ALV621	300	1.0	0.2	50	1	240	700	2520	350	1400	52
KAF380-4E-VS	ALV623	380	2.3	0.37	50	1	240	1800	6480	150	1410	54
KAF450-4E-VS	ALV626	450	4.4	0.75	50	1	240	3000	10800	150	1380	58
KAF450-4DD	ALV627	450	1.8	0.75	50	3	415	3000	10800	150	1400	58

Features

- Used for commercial kitchen applications and general ventilation.
- Weather proof housing
- Galvanized steel construction
- Speed controllable
- Powder coated finish.
- Detachable windband for easy cleaning
- Circular connection. Includes flange bracket for easy mounting

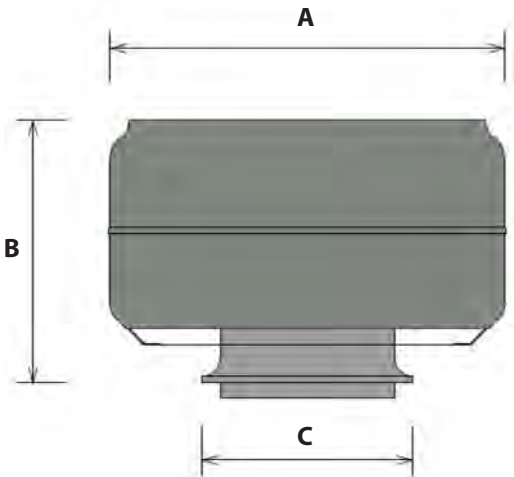
Accessories

- Speed controllers (refer pg 56)

Performance Curve

Refer to Allvent

Dimensions



	A	B	C
KAF250-4E	600	360	260
KAF305-4E	600	400	306
KAF380-4E-VS	720	480	384
KAF450-4E-VS	720	500	461
KAF450-4DD	720	500	461

INLINE EXPLOSION PROOF FAN

RRK Series
EXPLOSION PROOF



The RRK Series is designed to ventilate rooms and working places in commercial and industrial applications where a hazardous atmosphere can occur

Technical Data

Model	Code	mm	A	W	Hz	Phase	V	l/s	m³/h	Pa	RPM	dB(A) @ 3m	kg	Temp Class	IP
RRK 180 Ex	ALV42359	180	0.25	50	50	1	230	81	290	200	2780	48	3.0	T1-T4	IP54
RRK 200 Ex	ALV42263	200	0.92	200	50	1	230	156	560	320	2860	55	5.5	T1-T3	
RRK 250 Ex	ALV42309	250	1.40	300	50	1	230	269	970	370	2860	59	7.0	T1-T3	

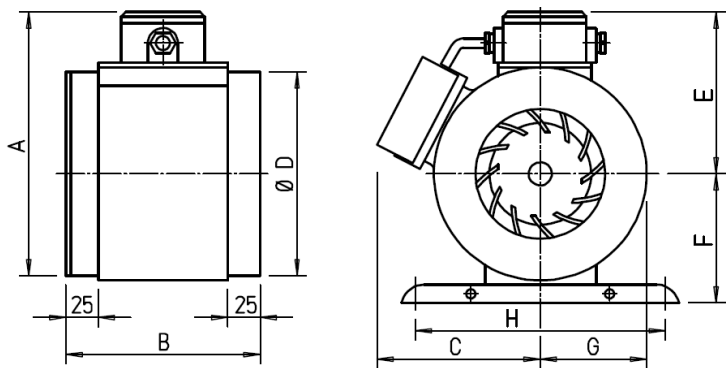
Features

- Very compact in design and low installation cost through straight air flow
- Installation in any position
- Explosion proof E Exe II 2D
- Increased safety to DIN EN 60079-0, 60079-7, 1127-1, 14986
- Casing and impeller made from impact resistant, anti-static polymers
- Reducers are available for RRK 180 to suit 100mm and 125mm ducts

Accessories

- Speed controllers (refer pg 56)
- Mounting Bracket
- Reducers (only for RRK180)

Dimensions



	A	B	C	D	E	F	G	H
RRK 180 Ex	231	164	160	178	142	120	92	275
RRK 200 Ex	278	267	195	198*	166	140	115	299
RRK 250 Ex	304	205	210	248	180	160	128	311

* with reducers mounted on each intake and exhaust

VORTICE

A-E Series

COMPACT SQUARE PLATE SERIES



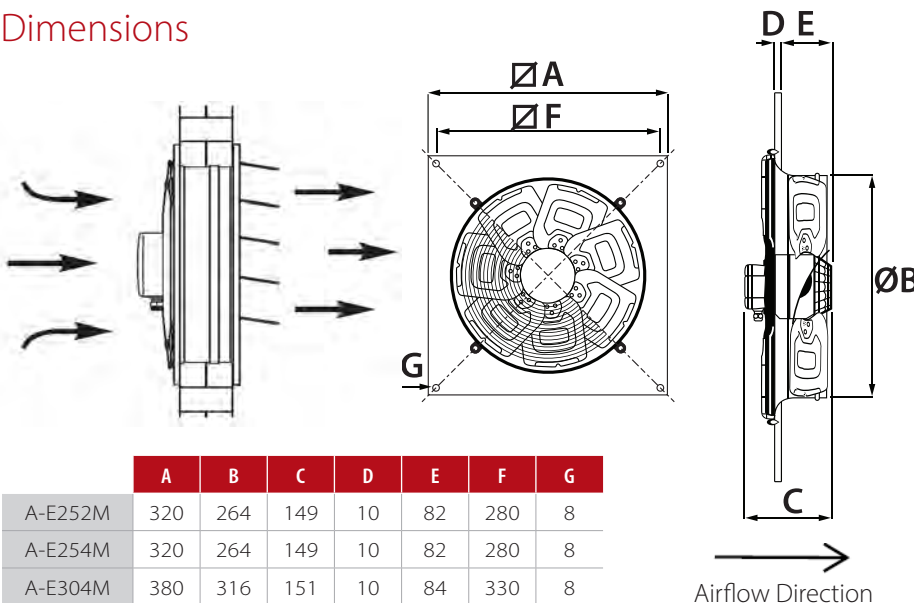
A range of compact, plate-mounted, axial-flow fans suitable for wall or panel mounting. Suitable for commercial and industrial applications ie: warehouses, hospitals, nightclubs, offices, theatres, factories, gyms, restaurants etc.



Technical Data

Model	Code	W	A	Poles	RPM	m³/hr	L/sec	Pa	dBA @3m	Max °C
A-E252M	ALV42207	95	0.41	2	2500	1365	379	177	53	50
A-E254M	ALV42208	38	0.17	4	1400	764	212	61	38.5	50
A-E304M	ALV42216	81	0.35	4	1400	1563	434	130	43	50
A-E354M	ALV42258	182	0.82	4	1400	2960	822	100	49.5	50
A-E404M	ALV42260	261	1.20	4	1400	4310	1197	152	55.6	50
A-E454M	ALV42307	302	1.35	4	1400	5250	1458	127	54.8	50
A-E504M	ALV42316	482	2.12	4	1400	6639	1844	186	59	50
A-E506M	ALV42337	285	1.32	6	1000	4805	1335	152	57.2	50
A-E566M	ALV42356	345	1.51	6	1000	6715	1865	134	57.2	50

Dimensions



	A	B	C	D	E	F	G
A-E252M	320	264	149	10	82	280	8
A-E254M	320	264	149	10	82	280	8
A-E304M	380	316	151	10	84	330	8
A-E354M	450	359	155	10	43	380	4
A-E404M	510	406	200	15	75	430	12
A-E454M	630	455	200	15	60	530	12
A-E504M	630	507	218	15	72	530	11
A-E506M	630	507	218	15	72	530	11
A-E566M	725	563	218	15	67	675	11

Features

- Low noise levels.
- Panels made of pressed steel, phosphated and epoxy powder coated with hammered effect finish, painted in polyester black paint, 5 pressed steel blades, electrolytically galvanised and polyester powder-coated, colour black, guaranteeing long-term resistance to atmospheric agents.
- 1 speed single phase AC motor of external rotor type designed to minimise axial dimensions, with shaft turning in ball bearings, insulation class F, thermal overload protection.
- Three phase models available
- Dynamically balanced impeller (UNI ISO 1940, Point 1 – Class 6.3).

Performance Curves

Refer to Allvent

Accessories

- Speed controllers (refer pg 56)
- Aluminium external grille (refer pg 52)

RING PLATE FANS

ALVRP

COMPACT RING PLATE SERIES



Axial flow fan for wall/ceiling mount installations. Black Painted rotor an impeller.

Technical Data

Model	Code	W	A	Poles	RPM	m³/hr	L/sec	dBA @3m	Max °C
ALVRP200-4E*	ALV5220	32	0.14	4	1385	510	142	44	-20/+70
ALVRP250-4E#	ALV5221	63	0.28	4	1395	1050	292	52	-20/+60
ALVRP300-4E#	ALV5222	94	0.41	4	1310	1865	518	56	-20/+60
ALVRP350-4E#	ALV5223	103	0.47	4	1195	2525	701	59	-20/+70

*Plastic impeller #Metal impeller

Features

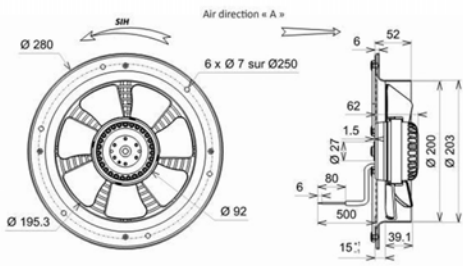
- High performance
- IP44 protection
- Suitable for ATM/Server rooms
- Speed controllable

Accessories

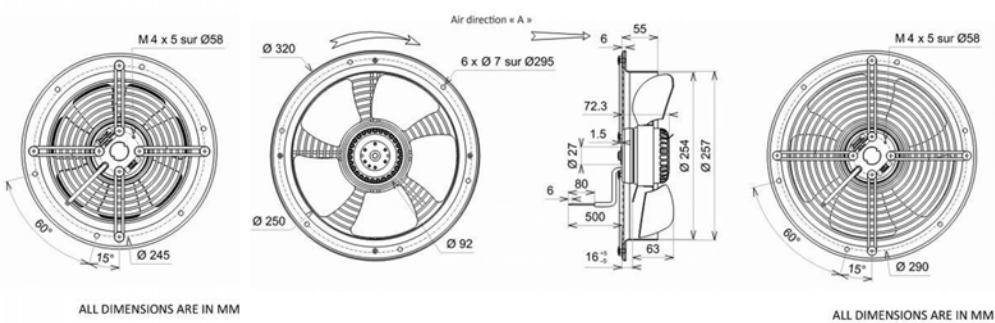
- Speed controllers (refer pg 56)
- Aluminium external grille (refer pg 52)

Dimensions

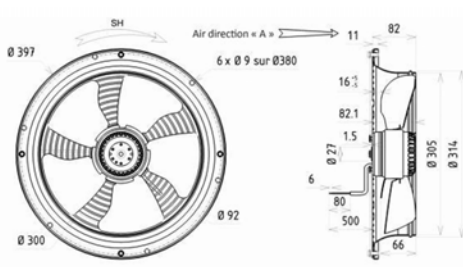
ALVRP200



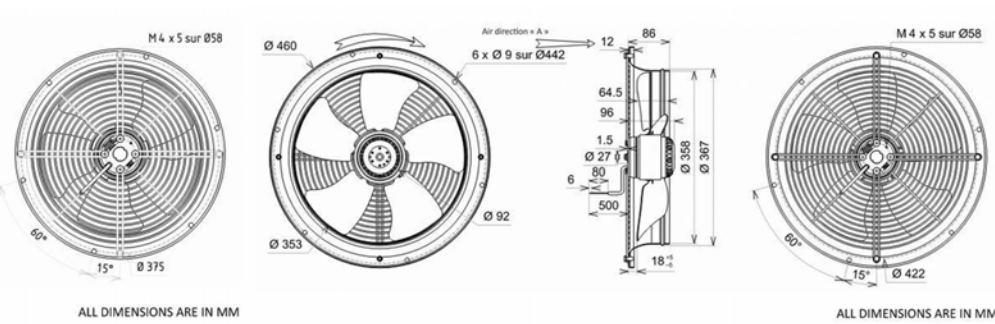
ALVRP250



ALVRP300



ALVRP350



ROOF MOUNTED AXIAL FAN KITS



RCF Series
EXHAUST OR SUPPLY

Low profile roof exhaust/supply fan for domestic and light commercial applications.

Technical Data

Model	Code	Flow	Suits	Size	l/s	m³/hr	V	Hz	W	Phase 0	RPM	Dia Ø	dBA@3m
ALVRCF-AE150MKIT	ALV701	Exhaust	Metal roof	150	70	328	240	50	35	1	2150	150	41
ALVRCF-AS150MKIT	ALV703	Supply	Metal roof	150	70	328			35		2150	150	41
ALVRCF-AE150TKIT	ALV702	Exhaust	Tile roof	150	70	328			35		2150	150	41
ALVRCF-AS150TKIT	ALV704	Supply	Tile roof	150	70	328			35		2150	150	41
ALVRCF-AE200MKIT	ALV720	Exhaust	Metal roof	200	142	511			37		1950	200	45
ALVRCF-AS200MKIT	ALV721	Supply	Metal roof	200	142	511			37		1950	200	45
ALVRCF-AE200TKIT	ALV722	Exhaust	Tile roof	200	142	511			37		1950	200	45
ALVRCF-AS200TKIT	ALV723	Supply	Tile roof	200	142	511			37		1950	200	45

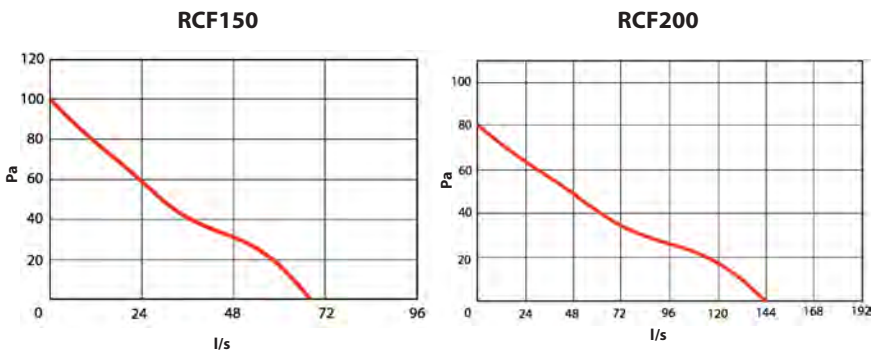
Features

- 150mm diameter x 600mm long metal tube
- 200mm diameter x 600mm long metal tube
- Low profile roof fan available as supply OR exhaust
- Fan incorporated in the cowl
- Aluminium cowl construction
- Pleasing aesthetics
- High quality for longevity of operation
- Low noise within premises
- Comes standard with metal roof Dektile
- Optional aluminium flashing available for tile roof application
- Fitted flex and plug
- Bushfire complaint models available

Accessories

- Internal grille (refer pg 50)
- Flexible duct (refer pg 53)
- Speed controllers (refer pg 56)

Performance Curves



ROOF MOUNTED CENTRIFUGAL FAN KITS



RCR Series
EXHAUST

Domestic and light commercial, centrifugal roof mounted fan kits for exhaust air. Supplied with a 600mm tube and flashing

Technical Data

Model	Code	Size	Airflow (m³/hr)	Suits
ALVRCR150MKIT	ALV16303	150mm	350	Metal roof
ALVRCR150TKIT	ALV16304	150mm	350	Tile roof
ALVRCR200MKIT	ALV16305	200mm	500	Metal roof
ALVRCR200TKIT	ALV16306	200mm	500	Tile roof
ALVRCR250MKIT	ALV16307	250mm	600	Metal roof
ALVRCR250TKIT	ALV16308	250mm	600	Tile roof

Features

- Aluminium cowl construction
- High Performance
- For metal-based or tiled roofs
- Backward curved impeller
- EC models available
- Fan incorporated in the cowl
- Optional aluminium flashing available

Accessories

- Internal grille (refer pg 50)
- Flexible duct (refer pg 53)
- Speed controllers (refer pg 56)

ROOF MOUNTED COWL KITS

RCK Series
EXHAUST OR SUPPLY



Domestic and light commercial, general purpose cowls used for relief air. Supplied with a 600mm tube and flashing.

Technical Data

Model	Code	Size	Suits
ALVRCK100MKIT	ALV704	100mm	Metal roof
ALVRCK100TKIT	ALV705	100mm	Tile roof
ALVRCK125MKIT	ALV706	125mm	Metal roof
ALVRCK125TKIT	ALV707	125mm	Tile roof
ALVRCK150MKIT	ALV708	150mm	Metal roof
ALVRCK150TKIT	ALV709	150mm	Tile roof
ALVRCK200MKIT	ALV710	200mm	Metal roof
ALVRCK200TKIT	ALV711	200mm	Tile roof
ALVRCK250MKIT	ALV712	250mm	Metal roof
ALVRCK250TKIT	ALV713	250mm	Tile roof
ALVRCK300MKIT	ALV714	300mm	Metal roof
ALVRCK300TKIT	ALV715	300mm	Tile roof

Features

- Aluminium cowl construction
- High quality for longevity of operation
- For metal-based or tiled roofs
- Bushfire rated kits available
- BAL12.5 & BAL29

Accessories

- Internal grilles (refer pg 50)
- Flexible duct (refer pg 53)
- Inline Fans

ROOF MOUNTED COWLS

SRC / VSRC
RELIEF VENTS



Supply and Exhaust roof mounted cowls. Vertical and Down discharge models available for various applications

Technical Data

Model	Code	Base Size (mm)	Flow Direction
SRC-0	ALV1500	260x260	Downflow
SRC-0+	ALV1501	330x330	Downflow
SRC-1	ALV1503	380x380	Downflow
SRC-2	ALV1504	530x530	Downflow
SRC-2+	ALV1502	530x530	Downflow
SRC-3	ALV1505	715x715	Downflow
SRC-4	ALV1506	840x840	Downflow
SRC-5	ALV1508	960x960	Downflow
SRC-6	ALV1510	1160x1160	Downflow
SRC-7	ALV1507	1160x1160	Downflow
VSRC-400	ALV16450	530x530	Vertical
VSRC-500	ALV1644	645x645	Vertical
VSRC-560	ALV16451	715x715	Vertical
VSRC-630	ALV16452	795x795	Vertical
VSRC-710	ALV1647	840x840	Vertical
VSRC-800	ALV1648	960x960	Vertical
VSRC-1000	ALV1646	1160x1160	Vertical
VSRC-1120	ALV16453	1420x1420	Vertical
VSRC-1250	ALV1661	1550x1550	Vertical
VSRC-1400	ALV16454	1750x1750	Vertical
VSRC-1500	ALV16455	1850x1850	Vertical

Features

- Bird mesh included
- Fibreglass cap for downflow type roof cowls
- Aluminium, galvanised or powder coated steel construction for vertical cowls
- Bushfire rated cowls available
- Round base cowls available

HIGH VOLUME AIR

HVLS Hyper Blade Series

AERODYNAMIC BLADES



A new range of high volume, low speed ceiling fans, equipped with EC motors, high performance, low consumption and low noise emissions. Most effective for large environments such as warehouses, fitness centres, airports etc.



Technical Data

Model	Code	Ømm	V	W	Hz	A	m³/h	Kg
HVLS Hyper Blade 300/120" (M/T)	ALV61164 (M)	3000	240	410	50	1.7-5	61,400	76
	ALV61121 (T)	3000	415	500		0.9-1.8	66,200	76
HVLS Hyper Blade 400/160" (M/T)	ALV61165(M)	4000	240	290		1.3-3.5	110,300	86
	ALV61122 (T)	4000	415	300		0.7-1.1	110,300	86
HVLS Hyper Blade 500/200" T	ALV61166	5000	415	730		1.2-1.9	205,000	126
HVLS Hyper Blade 600/240" T	ALV61167	6000	415	850		1.4-2.8	253,800	136
HVLS Hyper Blade 700/280" T	ALV61169	7000	415	790		1.3-2.5	330,800	156

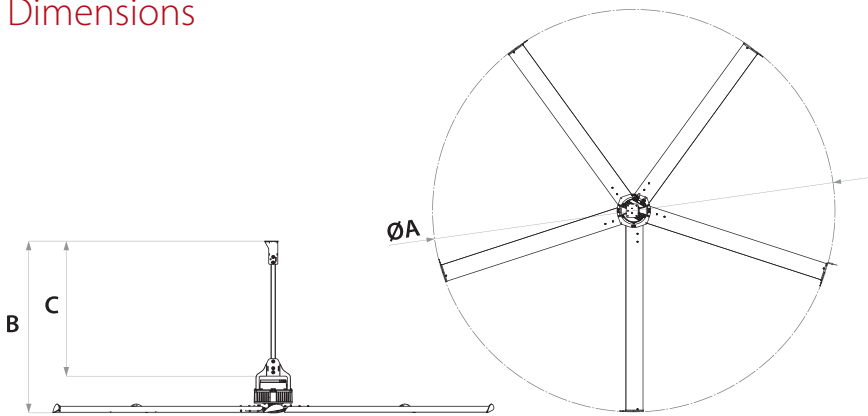
Features

- 5 x aerodynamic blades made from extruded aluminium
- Ultra high airflows (up to 330,800 m³/h) at very low speed
- Single/Three phase EC brushless motors
- Wide range of operating temperatures (-10°C/+50°C)
- Bracket and rod supplied with product
- Suitable for large areas where there is a need to move large volumes of air
- VORT T control unit (optional) can control up to 10 fans
- IP65 rated

Applications

Nordik HVLS Hyper Blade operate effectively even in tall ambients. Width of the ventilated area corresponds to approximately 3 times the nominal diameter of the fan. Suitable for installation in industrial sheds, large stores, cattlesheds/stables, & airports.

Dimensions



	ØA mm	*B mm	*C mm
HVLS Hyper Blade 300/120" (M/T)	2950	1995	1600
HVLS Hyper Blade 400/160" (M/T)	3950	1995	1600
HVLS Hyper Blade 500/200" T	4950	2015	1600
HVLS Hyper Blade 600/240" T	5950	2015	1600
HVLS Hyper Blade 700/280" T	6950	2015	1600

* Subject to confirmation

INSTALLATION

Support rod, brackets and bolts supplied as standard.



EC MOTORS

Synchronous brushless type with permanent magnets (EC), integrate the relevant drivers and are designed to combine high performance, proportionally reduced consumption and wide speed regulation ranges. M models are characterised by single-phase power supply (100-240 V / 50-60 Hz), T models by three-phase (200-480 V / 50-60 Hz).

BLADES

Made of anodised Aluminium.

They achieve high efficiency values in downward operation (generated air flow facing downwards) and ensure particularly low sound emission levels thanks to the sophisticated NACA aerodynamic profile. Each one mounts a winglet to increase its aerodynamic efficiency, decreasing drag included by the tip vortices and containing noise emissions.

Accessories

SUSPENSION TIE-ROD KIT - Optional kit including four tie-rods, designed to ensure a solid and safe installation. 3m extension rod for installation on high ceilings



VORT-T - Wire-connected control unit, with LCD display capable to manage up to 20 units, VORT-T allows automatic speed control of the connected fans based on the readings of the temperature sensor and an optional anemometer, increasing or decreasing fan's speed according with the room temperature or, alternatively, based on the wind speed (useful for units installed in stables whose walls have wide outwards openings).



POT DIG - Digital potentiometer for regulating the operating speed of NORDIK HVLS industrial fans. Fans speed percentage adjustment (settable value: from 0% to 100% / OUTPUT: 0-10V). Reverse mode activation («R.V» button). Capable to manage upto 10 units



VA-10K-EC - Wall Mount 0-10V Manual Speed Controller



HIGH VELOCITY AIR

Air Curtain

REDUCED ENERGY COSTS

Air Curtains create an invisible barrier separating zones of different temperatures while preventing pollutants (dust, odours, smoke etc) and insects entering your work environment.



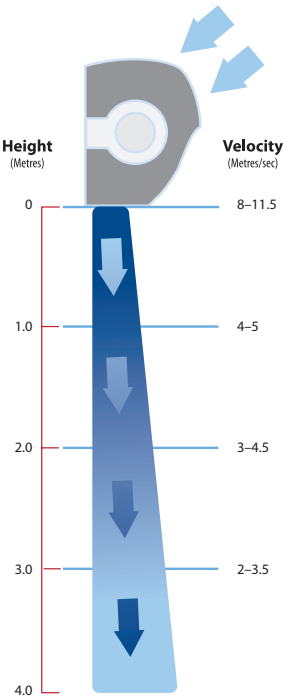
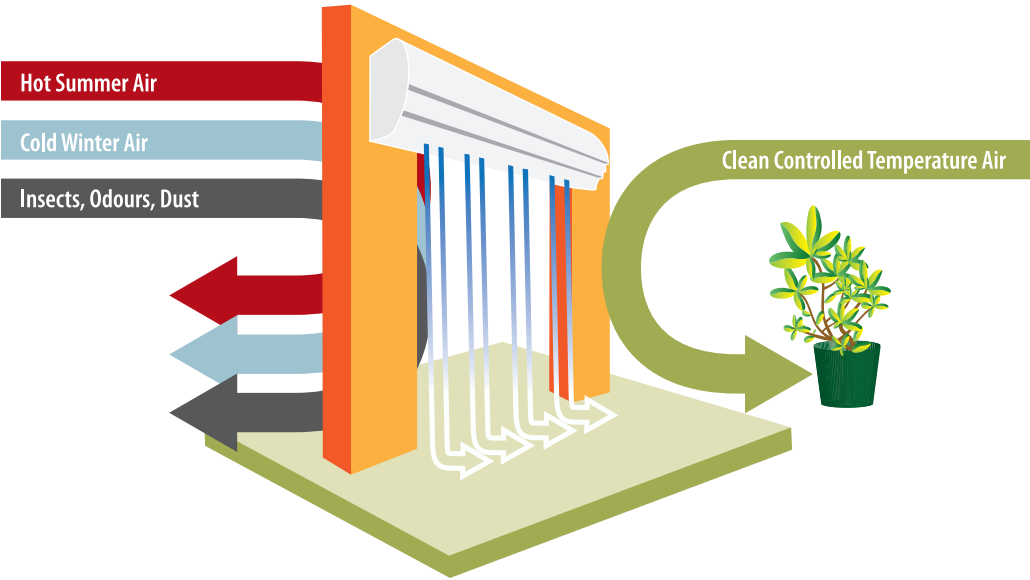
Technical Data

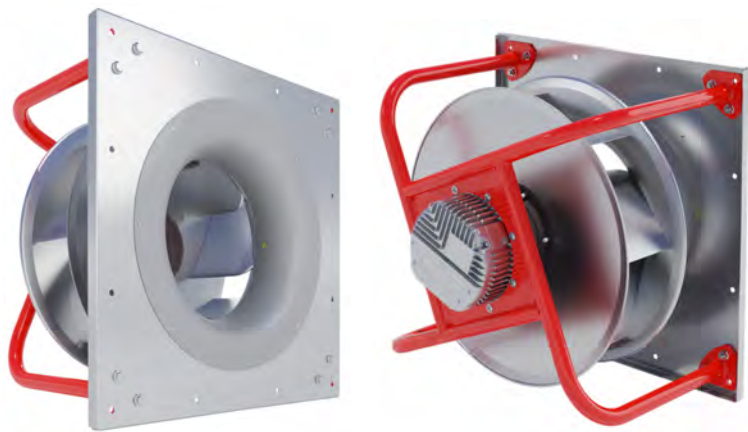
Model	Code	Weight kg	V	Hz	Watts		Air Flow (m³/h)		dBA @ 3m		Dimensions W x H x D (mm)
					Min	Max	Min	Max	Min	Max	
AD900	ALV65195	10	230	50	110	160	1100	1400	51	53	900x220x190
AD1200	ALV65196	12.5	230	50	150	200	1600	1900	52	54	1200x220x190
AD1500	ALV65197	15.5	230	50	180	230	2000	2500	53	55	1500x220x190
AD2000	ALV65198	20.5	230	50	300	350	2900	3600	55	57	2000x220x190

Features

- Elegant and modern design suitable for even the most high tech settings
- Brushed aluminium frontage with integrated intake grille and rear panel in black painted sheet metal
- IR remote control
- Two operating speeds
- Tangential fans for quiet operation
- Base opening allows air to escape
- Adjustable outlet vanes can direct outgoing stream of air as desired
- Fitted flex and plug
- Heated and Recessed models available

Allvent stock the 2000mm wide Air Curtain unit.
The cost efficient solution for wider doorways!





EC Plug Fans

HIGH EFFICIENCY PLUG FANS

Our EC plug fans are high-efficiency, centrifugal fans designed for modern ventilation and air handling applications. They combine aerodynamically optimized impellers with energy-saving electronically commutated (EC) motors.

Technical Data

Model	Code	Impeller Material	Impeller Dia	V	Hz	Motor (kW)	Airflow (m³/h)	Pressure (Pa)
SR-190-P-0.17	ALV30300	Polymer	190	230	50	0.17	820	640
SR-225-P-0.3	ALV30301	Polymer	225	230	50	0.3	1932	936
SR-250-P-0.3	ALV30303	Polymer	250	230	50	0.3	2514	846
SR-250-P-0.7	ALV30304	Polymer	250	230	50	0.7	3089	1373
SR-250-A-0.7	ALV30302	Aluminium	250	230	50	0.7	3166	1345
SR-355-A-1.6	ALV30305	Aluminium	355	400	50	1.6	6016	1309
SR-355-A-2.5	ALV30306	Aluminium	355	400	50	2.5	6593	1700

Features

- Designed to fit easily into air handling units and ventilation systems, even where space is limited.
- Fan speed can be adjusted smoothly using a simple control signal or through building management systems.
- Specially shaped blades reduce noise levels during use
- Comes fully assembled with built-in electronics, no need for extra drives or complicated wiring
- Protected against dust and moisture, with built-in safeguards to prevent overheating.
- Available in plastic and aluminium impellers
- Can be installed alone or in groups for larger airflow needs.



Bringing Air to Life.

NOTES

[illegible]



Summer Cooling

Industrial Pedestal, Wall and Floor Fans	96
Gordon Fan	97



PEDESTAL, WALL AND PORTABLE FLOOR

Industrial Fan Range

AFFORDABLE AIR CIRCULATION

Industrial fans that provide high economical air circulation. Wall and Floor mounted options.



Features

- 3 speed motor with low wattage
- 90° deg oscillation
- Quick release clip chrome guards
- Pull cord on wall-mount fan (WMF45 only)
- 3 blade, high volume
- 3 pin plug fitted

Pedestal Fan Technical Data

Model	Code	Size (mm)	Blades	V	Hz	W	RPM	m³/hr
ALVPMF-65	ALV801	650	2	240	50	210	1400	12,300
ALVPMF-75	ALV802	750	2	240	50	280	1400	17,400



Portable Floor Fan Technical Data

Model	Code	Size (mm)	Blades	V	Hz	W	RPM	m³/hr
ALVFD-40	ALV803	400	3	240	50	110	1350	4920



Wall Mounted Fan Technical Data

Model	Code	Size (mm)	Blades	V	Hz	W	RPM	m³/hr	dBA		
									1	2	3
ALVWMF45	ALV806	450	3	240	50	120	1400	9000	50	55	60
ALVWMF65	ALV804	650	2	240	50	210	1400	12,300	55	60	68
ALVWMF75	ALV805	750	2	240	50	280	1400	17,400	58	70	75

WALL MOUNTED

Gordon Fan
OSCILLATING



The Gordon oscillating fan is suitable for domestic applications in kitchens, bathrooms, and delicately designed for offices, shops, restaurants and bars.

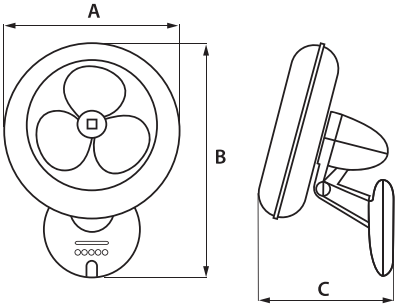
Technical Data

Model	Code	Mount	V	W	A	Speeds	m³/hr	Colour
GORDON W 40/16" ET	ALV60641	Wall	240	40	0.19	3	4000	White
GORDON W EVO 35/14"	ALV60627	Wall	240	45	-	5	3885	Grey
GORDON 30/12"	ALV60610	Table	240	35	0.18	3	2400	White
GORDON EVO 20/8"	ALV60618	Table	240/24	14	0.4	4	1200	Grey
GORDON EVO 20/8" R	ALV60617	Table	240/24	14	0.4	4	1200	Rose
GORDON EVO 30/12"	ALV60624	Table	240/24	22	0.7	4	2340	Grey
GORDON EVO 40/16"	ALV60625	Table	240/24	24	0.8	8	2640	Grey
GORDON EVO C 40/16"	ALV60623	Floor	240/24	24	0.8	8	2640	Grey

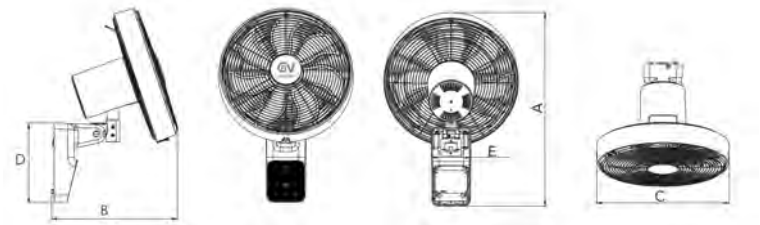
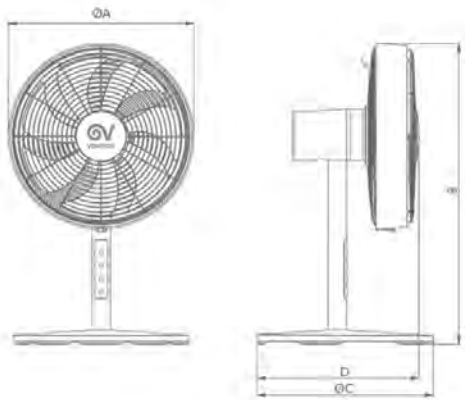
Features

- Made from shockproof thermoplastic resin
- Removeable protective grille for easy cleaning
- Fan head can be orientated
- Oscillating angle can be adjusted by 90°
- Remote control
- EVO models fitted with timer & DC brushless motor
- EVO models fitted with touch buttons with LED lights, with 24V power supply with plug

Dimensions



	A	B	C
GORDON W 40/16" ET	458	570.5	302.5



	A	B	C	D	E
GORDON W EVO 35/14"	581	380	405.5	238	120

	A	B	C	D
GORDON 30/12"	364	523.5	-	302.6
GORDON EVO 20/8"	254	461	254	240
GORDON EVO 20/8" R	254	461	254	240
GORDON EVO 30/12"	348	565	330	303
GORDON EVO 40/16"	456	684	330	304
GORDON EVO C 40/16"	456	1682.5	380	238



Bringing Air to Life.

NOTES

[illegible]



Winter Heating

Thermologika Grigio	100
Thermologika A	101
Thermologika Soleil Plus	102
Microrapid	103

INFRARED WALL HEATERS

Thermologika Grigio

COMMERCIAL AND DOMESTIC APPLICATIONS



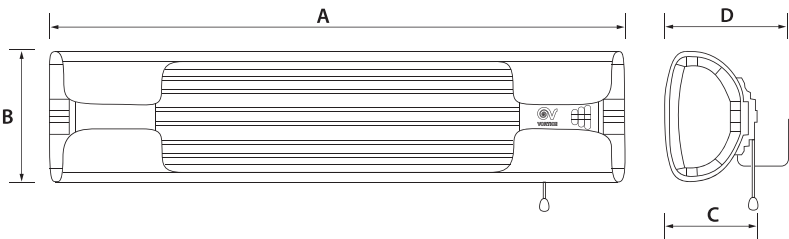
Thermologika Grigio is suitable for domestic and commercial applications when instant heat is necessary or in places with direct or continuous contact with the outside.



Technical Data

Model	Code	V	Hz	W	A	Kg	IP
Thermologika Grigio	ALV70004	240	50	1800	7.8	2.4	IPX4

Dimensions



	A	B	C	D
Thermologika Grigio	570	132	84	124

Features

- Die-cast aluminium end sections with painted finish
- Casing sections: pressed steel with painted finish
- Grille fashioned with stainless steel rods
- 3 x infrared bar, each rated 600 W. Single bars can be controlled from remote switches.
- Pull cord switches for on/off control and heat output settings.
- Wall-mounted installation using bracket provided.
- Grey colour
- Facility for connecting two bars in series or in parallel.

INFRARED WALL HEATERS

Thermologika A

COMMERCIAL AND DOMESTIC APPLICATIONS

Thermologika A is suitable for domestic and commercial applications when instant heat is necessary or in places with direct or continuous contact with the outside.



Technical Data

Model	Code	V	Hz	W	A	Kg	IP
Thermologika A	ALV70015	240	50	1800	7.8	1.6	IPX4

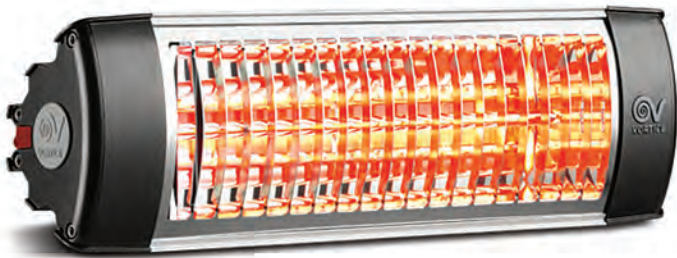
Dimensions



	A	B	C
Thermologika A	540	123	100

Features

- Wall installation with compact dimension
- Ensures immediate comfort
- No moving parts, maximum silence
- Heat up time approx. 30 seconds
- Choice of 3 power outputs with a pull switch
- Can be switched on and off remotely
- Easy installation and maintenance
- Silver/Grey colour
- Adjust to direct heat where needed



INFRARED WALL HEATERS

Thermologika
Soleil Plus

FOR INDOOR OR OUTDOOR USE

Thermologika is suitable for domestic and commercial applications when instant heat is necessary or in places with direct or continuous contact with the outside.



Technical Data

Model	Code	V	Hz	W	A	Kg	IP
Thermologika Soleil Plus	ALV70070	230	50	1500	6.5	2.3	IP65

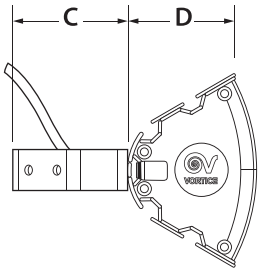
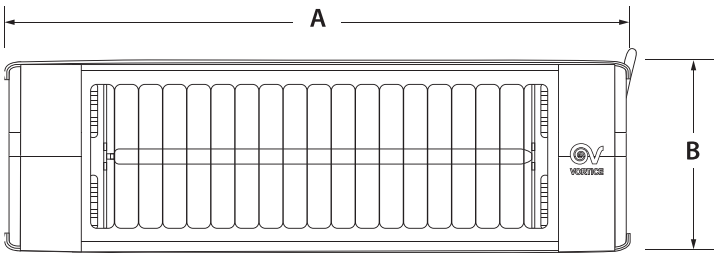
Soleil Plus Accessories

Model	Code
Accessory Kit	ALV22970
Heat Controller	ALV22974

Features

- Heat concentrated to target areas
- Wall or ceiling installation, horizontally or vertically
- Grille is sheered, bent, aluminium sheet
- Casing is extruded aluminium with epoxy polyester resin paint
- Lamp: Halogen HeLen technology, highly efficient, long lasting
- Strong and lightweight
- Immediate heat delivery
- High radiating efficiency

Dimensions



	A	B	C	D
Thermologika Soleil Plus	453	138	93	83

COMPACT WALL-MOUNTED FAN HEATERS

Microrapid Range

SAFE, STURDY, STYLISH

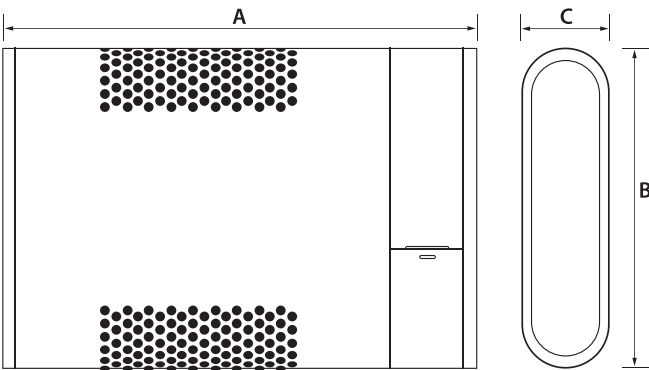
Microrapid series are particularly user-friendly while improving operational safety. They are intended for primary heating in situations where there is no central heating or it is undersized.



Technical Data

Model	Code	V	Hz	W	A	Kg	IP
Microrapid T 600V0	ALV70653	240	50	300/600	2.6	3	IPX4
Microrapid T 2000V0	ALV70681			800/1200/2000	8.7	4.2	

Dimensions



	A	B	C
Microrapid T 600V0	433	258	109
Microrapid T 2000V0	633	258	109

Features

- Small dimensions: ideal for cramped areas
- Splash protected, installation into damp environments
- Selectable heating power
- Extremely silent
- Inbuilt timer has a daily/weekly digital programmer
- Resin parts have high mechanical strength at high temperatures
- Grey colour
- V0 self-extinguishing plastic



Bringing Air to Life.

NOTES

[illegible]



Hygiene

Vortice Super Dry UV B	106
Vortice Optimal Dry-R	106
Allvent HD2400PA/PS	107
Allvent HD1800W	107
Allvent HD2200W	108
Allvent HD2001	108
Allvent HD2002	109
Allvent HD2008	109



Technical Data

Model	Code	V	W	W motor	A max	Lp dB(A) 1m
VORT Super Dry UVB White	ALV70907	240	1650/2050	750	8.7	76
VORT Super Dry UVB Silver	ALV70908					



Technical Data

Model	Code	V	W	W motor	A max	Lp dB(A) 1m
VORT Optimal Dry R	ALV19227	240	2000	65	9	61.4

VORTICE HAND DRYER

Super Dry UV B

ENERGY SAVING

Features

- Cabinet moulded in self-extinguishing ABS
- Steel wall-mounting flange
- EC brushless motor with thermal overload protection and shaft turning in ball bearings
- Heating element ON/OFF: a switch on the left hand side can be turned off to save energy in warmer environments.
- Germicidal capability thanks to UV lamp
- Dryer stops immediately when hands are withdrawn.
- Protection against vandalism: automatic shutoff after 25 seconds of continuous operation.
- Protection against overheating, overload and short-circuit.
- Drip collection tank
- HEPA filter
- Hard wired
- Spare parts available

VORTICE HAND DRYER

Optimal Dry-R

ELEGANT DESIGN AND VANDAL RESISTANT

Features

- Front cover moulded in thermosetting impact-resistant plastic, white
- Wall-mounting flange incorporating warm air outlet grille of moulded plastic (PP)
- EC motor with thermal overload cutout
- Heating element protected by 2 devices: thermal fuse and resettable thermal overload limiter
- Air flow 170m³/h
- Dryer operated automatically by an infrared device with activation distance of up to 35 cm
- Dust filter
- IMQ safety certification
- Hard wired
- Spare parts available

ALLVENT HAND DRYER

ALVHD2400PA/PS

HIGH AIR FLOW



Technical Data

Model	Code	Dimensions (mm)
ALVHD2400PA	ALV1007	H 248 x W 284 x D 202
ALVHD2400PS	ALV1009	H 248 x W 284 x D 202

Features

- Casing: 2.0mm thick, porcelain enamel coated steel
- Nozzle: Chrome plated zinc
- Brush motor: 2400W, 5500rpm
- Designed with 105°C thermostat
- Heater assembly: Designed with 65°C thermostat
- Air flow rate 345 m³/h (202 CFM)
- Sound level : 70 ± 3 db
- Approximately 20–25 seconds drying time
- Adjustable sensitive distance of sensor from 10 to 30cm
- Power cut-off automatically in case of irregular use over 120 seconds
- 2 vandal proof lock screws and key wrench
- 5 year manufacturer’s warranty
- Includes loose flex and plug
- Spare parts available

ALLVENT HAND DRYER

ALVHD1800W

ECONOMICAL



Technical Data

Model	Code	Dimensions (mm)
ALVHD1800W	ALV1001	H 220 x W 248 x D 170

Features

- Two year guarantee
- Die-cast white metal cover for strength and durability
- Superior technical design – dual thermal overload protection on motor and heating element
- Certification of Compliance to foremost international safety standards and performance standards
- ‘No touch’ operation by electronic infra-red sensor maximises hygiene and economy of operation
- Fully automatic operation switches off within 3 seconds of hand removal – infra-red sensor
- Power rating: heating element 1700W
- 100w brushless motor (3450 rpm)
- Sound level: 63 +/- 3dB
- Includes loose flex and plug
- Spare parts available

ALLVENT HAND DRYER

ALVHD2200W

STYLISH AND ROBUST



Technical Data

Model	Code	Dimensions (mm)
ALVHD2200W - Die cast white metal	ALV1002	H 210 x W 320 x D 175

Features

- Two year guarantee
- Choose from die-cast white metal cover or polished chrome plated die-cast aluminium cover for strength and durability even in high corrosion environments such as swimming pools
- Superior technical design – dual thermal overload protection on motor and heating element
- Certification of Compliance to foremost international safety standards and performance standards
- ‘No touch’ operation by electronic infra-red sensor maximises hygiene and economy of operation
- Fully automatic operation switches off within 3 seconds of hand removal – infra-red sensor
- Power rating: heating element 2100W
- 100W induction motor
- Includes loose flex and plug
- Spare parts available

ALLVENT HAND DRYER

ALVHD2001

VELOCITY HIGH SPEED



Technical Data

Model	Code	Dimensions (mm)	Finish
ALVHD2001	ALV1003	H 301 x W 230 x D 189	Satin stainless steel

Features

- Two year guarantee
- Auto resetting thermostat
- 1600W dryer
- 700W motor
- 900W heating element
- Automatic infrared sensor
- Adjustable air speed: 75–100m/second
- Dries hands in less than 10 seconds
- Auto shut off in 60 seconds
- Air output to 100m/second
- Low energy usage – reduces power consumption by up to 70%
- Includes loose flex and plug
- Spare parts available

ALLVENT HAND DRYER

ALVHD2002

STYLISH AND ENERGY EFFICIENT



Technical Data

Model	Code	Dimensions (mm)	dBA	Finish
ALVHD2002	ALV1004	H 230 x W 246 x D 145	75	Satin stainless steel

Features

- Two year guarantee
- Quality 304 Grade stainless steel body
- Operating power of only 1000W (500W heating element) saving 80% of user's energy costs
- Smallest dryer in the range – less than half the size of equivalent high speed dryers
- Infrared, self adjusting sensor: 51mm–254mm range
- Dryer delivers 101.7m³/hour (90m/s)
This dries hands in 10–15 seconds, reducing CO₂ emissions.
- 2,900 rpm brush motor
- 55°C air output temperature
- Includes loose flex and plug
- Spare parts available

ALLVENT HAND DRYER

ALVHD2008

INCREDIBLY COMPACT WITH LOW NOISE



Technical Data

Model	Code	Dimensions (mm)	dBA	Finish
ALVHD2008	ALV1006	H 270 x W 162 x D 101	76	Satin stainless steel

Features

- Touch free for ultimate hygiene
- 304 Stainless Steel, brushed satin finish
- Also available in white metal finish or with powder coating in any RAL colour
- 10 seconds drying time
- Compact dimensions
- Operates at 250–500 Watts
- HEPA filter available, reducing spread of dust particles
- Sound level 76.6 dB @ 1 metre
- Includes loose flex and plug
- Spare parts available

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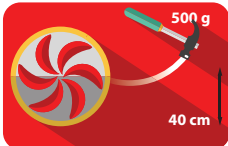
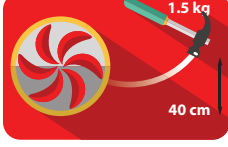
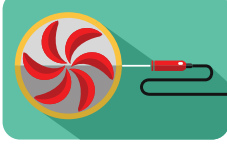


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NOTES

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INTERNATIONAL PROTECTION RATINGS

PROTECTION AGAINST SOLIDS			PROTECTION AGAINST LIQUIDS			PROTECTION AGAINST IMPACT		
No.	TEST	PROTECTION	No.	TEST	PROTECTION	No.	TEST	PROTECTION
X	No test applied	No specific protection	X	No test applied	No specific protection	X	No test applied	No specific protection
0	No test applied	Inherent degree of protection	0	No test applied	Inherent degree of protection	1	 150 g 15 cm	Resistant to impacts of weight up to 150g falling from 15cm
1	 Protected against solid objects equal to or greater than 50mm diameter (eg: accidental contact with hand)		1	 Protected against drops of water falling vertically		3	 250 g 20 cm	Resistant to impacts of weight up to 250g falling from 20cm
2	 Protected against solid objects equal to or greater than 12.5mm diameter (eg: contact with finger)		2	 Protected against drops of water falling at up to 15° from the vertical		5	 500 g 40 cm	Resistant to impacts of weight up to 500g falling from 40cm
3	 Protected against solid objects equal to or greater than 2.5mm diameter (eg: tools and wires)		3	 Protected against spraying water up to 60° from the vertical		7	 1.5 kg 40 cm	Resistant to impacts of weight up to 1.5kg falling from 40cm
4	 Protected against solid objects equal to or greater than 1mm diameter (eg: fine tools and wires)		4	 Protected against splashing water from all directions		9	 5 kg 40 cm	Resistant to impacts of weight up to 5kg falling from 40cm
5	 Protected against quantities of dust that could interfere with satisfactory operation		5	 Protected against jets of water from all directions		Defined by UTE 20010		
6	 Completely protected against dust		6	 Protected against jets of water of similar force to heavy seas		 Bringing Air to Life. 62 Enterprise Drive BERESFIELD NSW 2322 Freecall: 1300 883 544 E: sales@allvent.com.au W: www.allvent.com.au		
Defined by IEC 60529 DIN 40050 CEI 70-1			7	 Protected against the effects of temporary immersion				
To Australian standards AS 60529-2004 Degrees of protection provided by enclosures. (IP Code)			8	 Protected against the effects of continuous immersion				
			Defined by IEC 60529					



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