HVAC LEADER®

PRODUCT CATALOGUE 2026

HVAC EQUIPMENT



01	Aluminium Grilles	02	Steel Diffusers
03	Plastic Diffusers & Grilles	04	Flexible Ducts
05	Ventilation Fans	06	Branch Take-Offs
07	Stainless Steel Vents	08	AC Installation & Mounting
09	Dampers & Zoning	10	Louvres & Others
11	Metal Boxes & Fittings	12	Accessories








ABOUT LEADER HVAC EQUIPMENT

HVAC SOLUTIONS, MANUFACTURED SINCE 1997.

Since 1997, Leader HVAC Equipment (formerly AODE) has manufactured HVAC products for commercial, industrial and residential applications. Our range includes diffusers, grilles, louvres, dampers, vents, flexible ducting, air filters, registers, fans and HVAC installation accessories.

We are an established supplier to the HVAC industry in Australia, New Zealand, the United States and Europe.

Our manufacturing facility covers approximately 20,000 m². With nearly three decades of experience and a Total Quality Management system applied across production, we give our partners consistent quality, cost-effective solutions and shorter lead times.

We continue to improve every aspect of our business to meet the changing needs of our customers and HVAC professionals worldwide.

1997
Established

20,000 m²
Manufacturing facility

210+
Products in this catalogue

WHY HVAC LEADER

01
ADVANCED MANUFACTURING

02
OPEN COLLABORATION

03
DURABLE QUALITY

04
EFFICIENT MANAGEMENT

Specifications are subject to change without notice.

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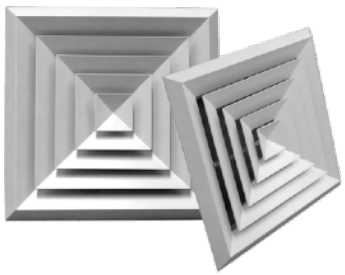
CONTACT 111

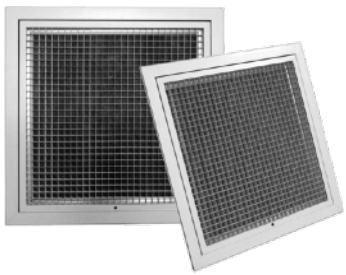
CHAPTER 01

01

ALUMINIUM GRILLES

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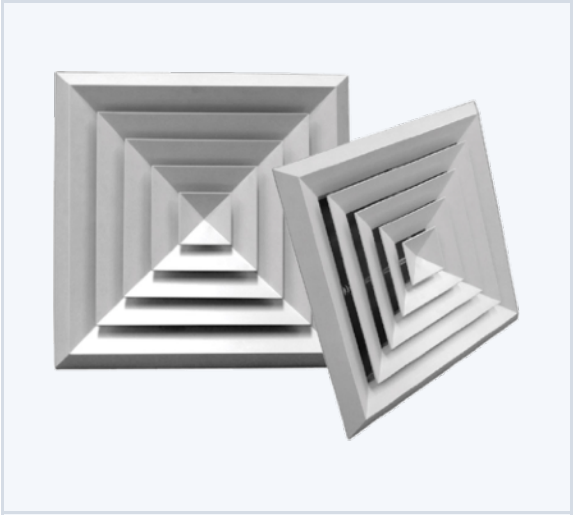






NO.	PRODUCT	CODE	PAGE
1.1	Bevelled Edge Diffuser	**BD**	**05**
1.2	Lay-In Diffuser	**LD**	**06**
1.3	Eggcrate Grille	**EG**	**07**
1.4	Hinged Eggcrate Grille with Filter	**HEG/F**	**08**
1.5	Linear Bar Grille	**LBG**	**09**
1.6	Hinged Bar Grille with Filter	**HLBG/F**	**10**
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BEVELLED EDGE DIFFUSER



An aluminium ceiling diffuser with a bevelled edge and fully removable core, used for supply air distribution in air conditioning systems.

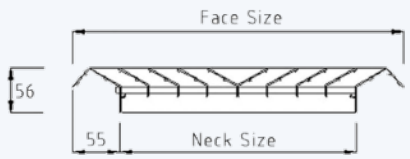
KEY FEATURES

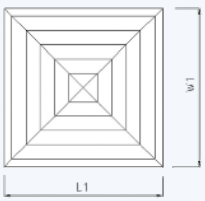
- Fully removable core for easy installation and maintenance
- Cores available for 1-, 2-, 3- or 4-way horizontal air pattern
- Contributes to energy savings by reducing air distribution operating costs

PRODUCT INFO

Model	BD
Category	Aluminium Grilles
Construction	Aluminium construction White powder-coat finish
Size range	150 × 150 – 525 × 525 mm
Options	Custom colours available on request

DIMENSIONS





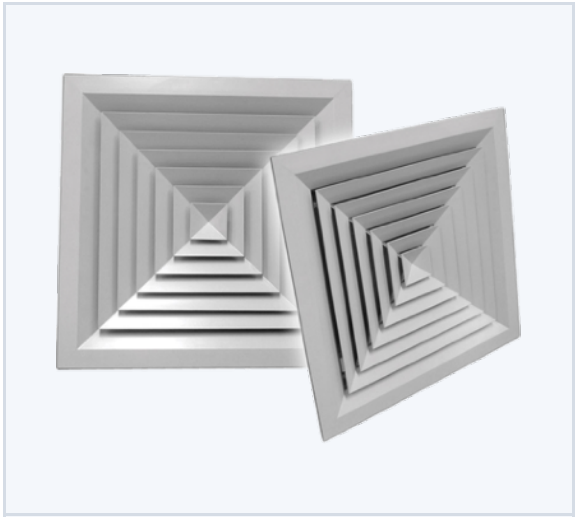


PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
150 × 150	260 × 260	10	58.0 × 27.5 × 27.5	0.0439
225 × 225	335 × 335	10	58.0 × 35.0 × 35.0	0.0711
300 × 300	410 × 410	10	58.0 × 42.5 × 42.5	0.1048
375 × 375	485 × 485	10	58.0 × 50.0 × 50.0	0.1450
450 × 450	560 × 560	8	58.0 × 57.5 × 57.5	0.1918
525 × 525	635 × 635	8	58.0 × 65.0 × 65.0	0.2451

Specifications are subject to change without notice.

LAY-IN DIFFUSER



An aluminium lay-in diffuser with a removable core set in a rectangular flush frame, providing a 4-way supply air pattern.

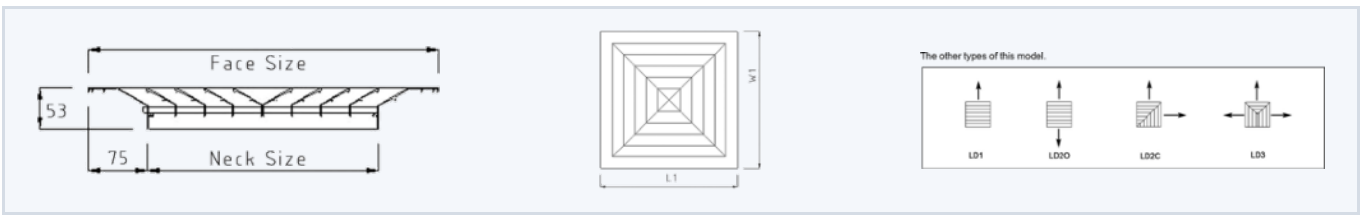
KEY FEATURES

- Removable core delivers a 4-way air pattern
- Core set in a rectangular flush frame
- Cores available for 1-, 2-, 3- or 4-way air pattern
- Easy installation, removal and maintenance

PRODUCT INFO

Model	LD
Category	Aluminium Grilles
Construction	Aluminium construction White powder-coat finish
Size range	150 × 150 – 525 × 525 mm
Options	Custom colours and sizes available on request

DIMENSIONS



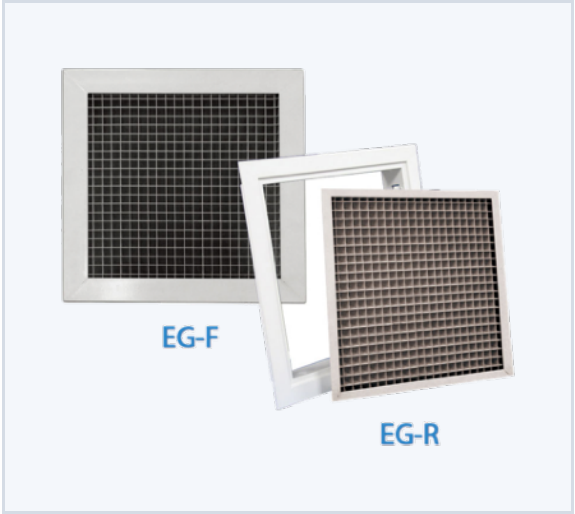
PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
150 × 150	300 × 300	10	57.0 × 31.5 × 31.5	0.0566
225 × 225	375 × 375	10	57.0 × 39.0 × 39.0	0.0867
245 × 245	395 × 395	10	57.5 × 41.0 × 41.0	0.0967
300 × 300	450 × 450	10	57.0 × 46.5 × 46.5	0.1232
375 × 375	525 × 525	10	57.0 × 54.0 × 54.0	0.1662
450 × 450	600 × 600	8	61.0 × 46.0 × 61.0	0.1712
445 × 445	595 × 595	8	61.0 × 46.0 × 61.0	0.1712
525 × 525	675 × 675	8	69.0 × 46.0 × 69.0	0.2190

Other sizes available on request.

EGGCRATE GRILLE

An aluminium eggcrate return air grille with a fixed core and 90% free area.



KEY FEATURES

- Fixed core as standard
- 90% free area for return air
- Easy installation and removal

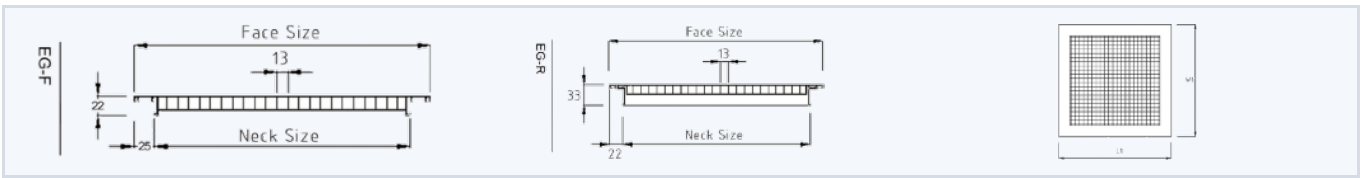
APPLICATIONS

- Return air

PRODUCT INFO

Model	EG
Category	Aluminium Grilles
Construction	Lightweight, corrosion-resistant aluminium White finish
Size range	150 × 150 – 1145 × 545 mm
Options	Removable core or hinged core with filter Custom colours available on request

DIMENSIONS

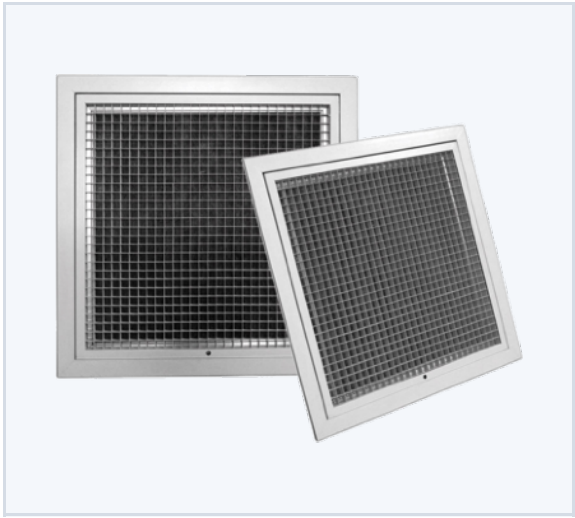


PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
150 × 150	200 × 200	50	61.0 × 38.0 × 21.0	0.0487
200 × 200	250 × 250	50	61.0 × 48.0 × 26.0	0.0761
250 × 250	300 × 300	20	49.0 × 31.0 × 31.0	0.0471
300 × 300	350 × 350	20	49.0 × 36.0 × 36.0	0.0635
350 × 350	400 × 400	20	49.0 × 41.0 × 41.0	0.0824
450 × 450	500 × 500	20	50.0 × 49.0 × 50.0	0.1225
500 × 500	550 × 550	20	56.0 × 49.0 × 56.0	0.1537
545 × 245	595 × 295 F	20	61.5 × 49.0 × 31.5	0.0949
545 × 545	595 × 595 F	20	61.5 × 49.0 × 61.5	0.1853
1145 × 545	1195 × 595 F	10	121.5 × 61.5 × 25.0	0.1868

Specifications are subject to change without notice.

HINGED EGGCRATE GRILLE WITH FILTER



A hinged aluminium eggcrate return air grille fitted with a 4 mm filter, offering an alternative to in-duct filtration.

KEY FEATURES

- Hinged core with filter
- 90% free area for return air
- 4 mm thick filter, easy to install and remove
- Alternative to in-duct filters

APPLICATIONS

- Return air

PRODUCT INFO	
Model	HEG/F
Category	Aluminium Grilles
Construction	Lightweight, corrosion-resistant aluminium White finish
Size range	600 × 400 – 1145 × 545 mm
Options	Custom colours available on request

DIMENSIONS



PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
600 × 400	650 × 450	1	66.0 × 46.0 × 6.0	0.0182
700 × 500	750 × 550	1	76.0 × 56.0 × 6.0	0.0255
700 × 550	750 × 600	1	76.0 × 61.0 × 6.0	0.0278
750 × 550	800 × 600	1	81.0 × 61.0 × 6.0	0.0296
900 × 400	950 × 450	1	96.0 × 46.0 × 6.0	0.0265
900 × 500	950 × 550	1	96.0 × 56.0 × 6.0	0.0323
900 × 550	950 × 600	1	96.0 × 61.0 × 6.0	0.0351
1200 × 400	1250 × 450	1	126.0 × 46.0 × 6.0	0.0348
545 × 545	595 × 595 F	1	60.5 × 60.5 × 6.0	0.0220
1145 × 545	1195 × 595 F	1	110.5 × 60.5 × 6.0	0.0401

LINEAR BAR GRILLE

An aluminium linear bar grille for supply and extract air in sidewall or ceiling applications, available in multiple core and frame styles.



KEY FEATURES

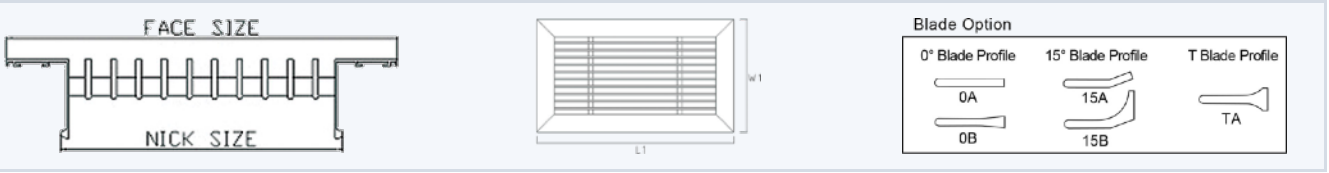
- Easy access to ductwork for servicing, cleaning or airflow adjustment
- Three deflection options: 0°, 15° or T-blade
- Fixed, removable, hinged, reverse-angle and flangeless styles
- Available with different blade spacing

APPLICATIONS

- Supply and extract air in sidewall or ceiling applications

PRODUCT INFO	
Model	LBG
Category	Aluminium Grilles
Construction	Aluminium construction Natural anodised or white powder-coat finish
Size range	1200 × 100 – 400 × 250 mm
Options	Custom sizes available on request

DIMENSIONS

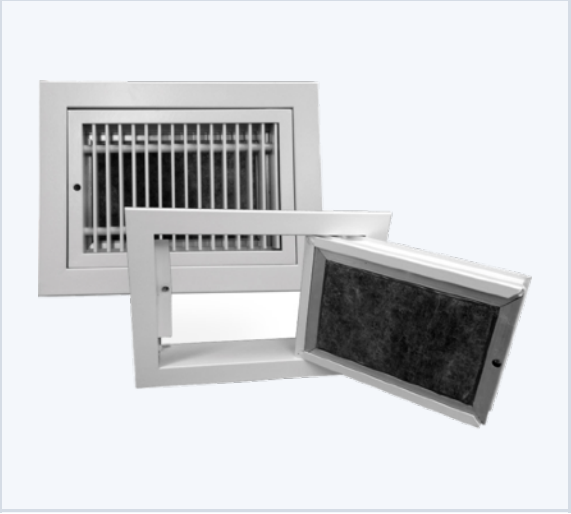


PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
1200 × 100	1256 × 156	10	127.0 × 43.0 × 17.0	0.0928
600 × 100	656 × 156	10	67.0 × 43.0 × 17.0	0.0490
400 × 100	456 × 156	10	47.0 × 43.0 × 17.0	0.0344
900 × 150	956 × 206	10	97.0 × 43.0 × 22.0	0.0918
600 × 150	656 × 206	10	67.0 × 43.0 × 22.0	0.0634
400 × 150	456 × 206	10	47.0 × 43.0 × 22.0	0.0445
500 × 200	556 × 256	10	57.0 × 43.0 × 27.0	0.0662
400 × 200	456 × 256	10	47.0 × 43.0 × 27.0	0.0546
600 × 250	656 × 306	10	67.0 × 43.0 × 32.0	0.0922
400 × 250	456 × 306	10	47.0 × 43.0 × 32.0	0.0647

Specifications are subject to change without notice.

HINGED BAR GRILLE WITH FILTER



A hinged aluminium bar grille fitted with a filter, suitable for return air in doors and partitions.

KEY FEATURES

- Hinged bar grille fitted with a filter
- 4 mm thick filter
- Three deflection options: 0°, 15° or T-blade

APPLICATIONS

- Doors and partitions

PRODUCT INFO	
Model	HLBG/F
Category	Aluminium Grilles
Construction	Aluminium construction Natural anodised or white powder-coat finish
Size range	700 × 550 – 1145 × 545 mm
Options	Custom colours available on request

DIMENSIONS



PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
700 × 550	750 × 600	1	76.0 × 61.0 × 6.0	0.0278
750 × 500	800 × 550	1	81.0 × 56.0 × 6.0	0.0272
750 × 550	800 × 600	1	81.0 × 61.0 × 6.0	0.0296
900 × 400	950 × 450	1	96.0 × 46.0 × 6.0	0.0265
900 × 500	950 × 550	1	96.0 × 56.0 × 6.0	0.0323
900 × 550	950 × 600	1	96.0 × 61.0 × 6.0	0.0351
1000 × 400	1050 × 450	1	106.0 × 46.0 × 6.0	0.0293
1200 × 400	1250 × 450	1	126.0 × 46.0 × 6.0	0.0348
545 × 545	595 × 595 F	1	60.5 × 60.5 × 6.0	0.0220
1145 × 545	1195 × 595 F	1	110.5 × 60.5 × 6.0	0.0401

Specifications are subject to change without notice.

HALF CHEVRON GRILLE

An aluminium half chevron grille with fixed straight blades, suitable for return air and sheltered fresh air intakes.



KEY FEATURES

- Chevron-style core with fixed straight blades
- Easy installation, removal and maintenance

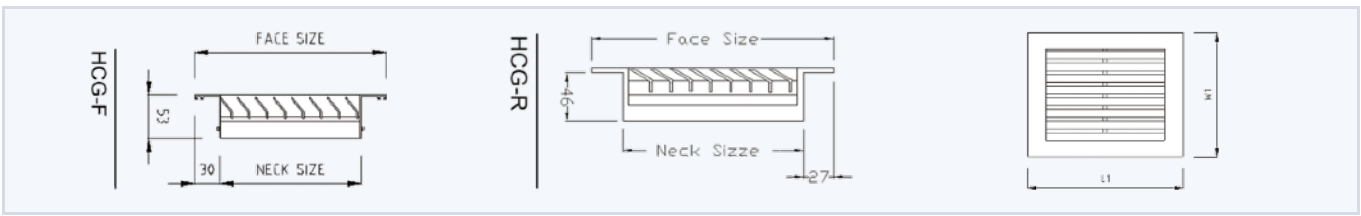
APPLICATIONS

- Fresh air intakes in a sheltered location

PRODUCT INFO

Model	HCG
Category	Aluminium Grilles
Construction	Aluminium construction Natural anodised or white powder-coat finish
Size range	150 × 150 – 450 × 450 mm
Options	Removable core or hinged core with filter Painted finish in standard colours to customer requirements Bird mesh

DIMENSIONS

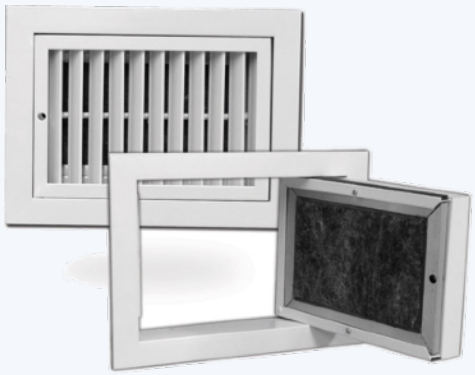


PACKING INFORMATION

Neck size L2 × W2 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
150 × 150	20	54.0 × 40.5 × 22.5	0.0492
200 × 200	20	54.0 × 51.5 × 28.0	0.0779
225 × 175	20	55.5 × 54.0 × 24.5	0.0734
300 × 300	10	54.0 × 36.5 × 36.5	0.0719
400 × 400	10	54.0 × 46.5 × 46.5	0.1168
450 × 450	10	54.0 × 51.5 × 51.5	0.1432

Specifications are subject to change without notice.

HINGED HALF CHEVRON GRILLE WITH FILTER



A hinged aluminium half chevron grille with a 4 mm filter for return air and fresh air on residential and small commercial projects.

KEY FEATURES

- Hinged chevron-style core with filter
- 4 mm thick filter media
- Easy installation, removal and maintenance
- Low-cost alternative to in-duct filters

APPLICATIONS

- Return air and fresh air on residential and small commercial projects

PRODUCT INFO	
Model	HHCG/F
Category	Aluminium Grilles
Construction	Aluminium construction
Size range	700 × 550 – 1145 × 545 mm
Options	Painted finish in standard colours to customer requirements

DIMENSIONS

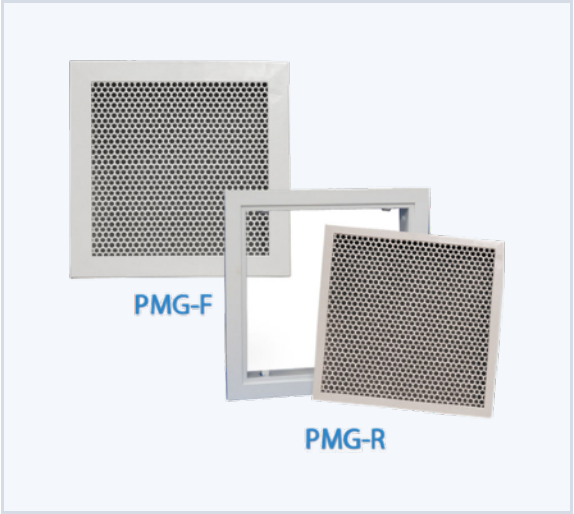


PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
700 × 550	750 × 600	1	76.0 × 61.0 × 6.0	0.0278
750 × 500	800 × 550	1	81.0 × 56.0 × 6.0	0.0272
750 × 550	800 × 600	1	81.0 × 61.0 × 6.0	0.0296
900 × 400	950 × 450	1	96.0 × 46.0 × 6.0	0.0265
900 × 500	950 × 550	1	96.0 × 56.0 × 6.0	0.0323
900 × 550	950 × 600	1	96.0 × 61.0 × 6.0	0.0351
1000 × 400	1050 × 450	1	106.0 × 46.0 × 6.0	0.0293
1200 × 400	1250 × 450	1	126.0 × 46.0 × 6.0	0.0348
545 × 545	595 × 595 F	1	60.5 × 60.5 × 6.0	0.0220
1145 × 545	1195 × 595 F	1	110.5 × 60.5 × 6.0	0.0401

PERFORATED METAL GRILLE

A grille with a fixed perforated metal core and aluminium frame, easier to clean than an eggcrate grille.



KEY FEATURES

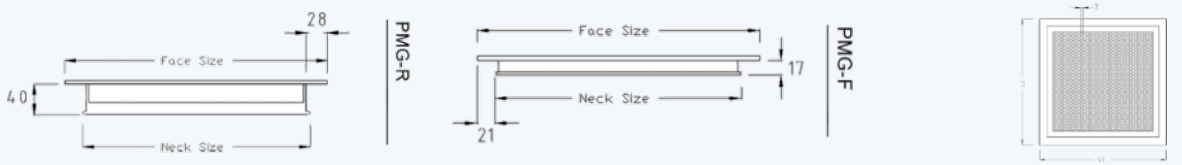
- Fixed perforated metal or aluminium core
- Less free area than an eggcrate grille but easier to clean
- Easy installation, removal and maintenance
- Different sizes and frame styles to suit applications

APPLICATIONS

- Used with supply air and swirl diffusers for a consistent architectural appearance

PRODUCT INFO	
Model	PMG
Category	Aluminium Grilles
Construction	Corrosion-resistant aluminium frame White powder-coat finish
Size range	150 × 150 – 545 × 545 mm
Options	Removable core Custom colours available on request

DIMENSIONS



PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
150 × 150	200 × 200	20	48.5 × 38.0 × 22.0	0.0405
200 × 200	250 × 250	20	48.5 × 48.0 × 27.0	0.0629
250 × 250	300 × 300	10	48.5 × 30.5 × 32.0	0.0473
300 × 300	350 × 350	10	48.5 × 35.5 × 37.0	0.0637
350 × 350	400 × 400	10	48.5 × 40.5 × 42.0	0.0825
400 × 400	450 × 450	10	48.5 × 45.5 × 47.0	0.1037
450 × 450	500 × 500	10	51.0 × 48.5 × 52.0	0.1286
545 × 545	595 × 595 F	10	61.5 × 61.5 × 49.0	0.1853

Other sizes available on request.

DOUBLE DEFLECTION REGISTER



An aluminium supply air register with two sets of adjustable blades, installed in walls, bulkheads or ductwork.

KEY FEATURES

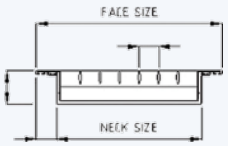
- Fixed core with horizontal front blades and vertical rear blades
- Both blade sets adjustable to direct air vertically or horizontally
- Directional control of the air pattern in four directions
- Easy to clean and install
- Different sizes and frame styles to suit applications

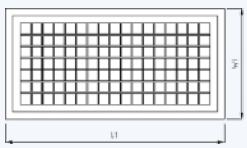
APPLICATIONS

- Supply air discharge into a room from a wall or vertical bulkhead
- Wall and duct mounting

PRODUCT INFO	
Model	DDR
Category	Aluminium Grilles
Construction	Aluminium construction White powder-coat finish
Size range	600 × 100 – 600 × 300 mm
Options	Custom colours available on request

DIMENSIONS





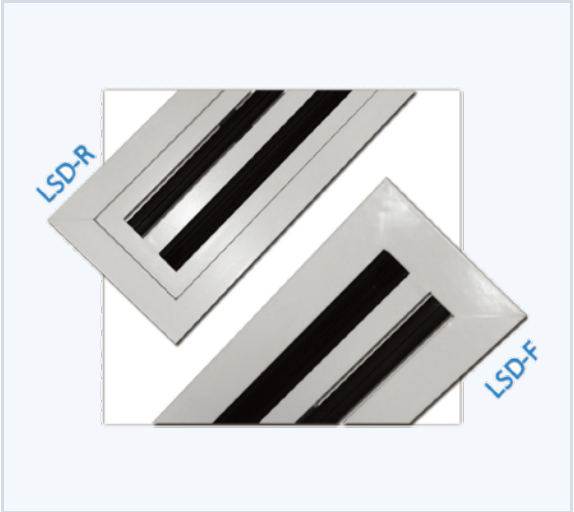
PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
600 × 100	656 × 156	10	66.0 × 43.0 × 16.5	0.0468
500 × 100	556 × 156	10	56.0 × 43.0 × 16.5	0.0397
400 × 100	456 × 156	10	46.0 × 43.0 × 16.5	0.0326
600 × 150	656 × 206	10	66.5 × 43.0 × 21.5	0.0615
450 × 150	506 × 206	10	51.5 × 43.0 × 21.5	0.0476
350 × 150	406 × 206	10	43.0 × 41.5 × 21.5	0.0384
600 × 200	656 × 256	10	66.5 × 43.0 × 26.5	0.0758
400 × 200	456 × 256	10	46.5 × 43.0 × 26.5	0.0530
600 × 250	656 × 306	10	66.6 × 31.6 × 21.0	0.0442
600 × 300	656 × 356	10	66.5 × 43.0 × 36.5	0.1044

Other sizes available on request.

LINEAR SLOT DIFFUSER

An extruded aluminium linear slot diffuser with one to six slots, for ceiling, wall, sill or floor installation, including continuous wall-to-wall runs.



KEY FEATURES

- Maximum length of 3000 mm in one modular section
- Standard slot width of 20 mm or 25 mm
- Available with one to six slots (LSD-F) or one to four slots (LSD-R)
- Core section for easy installation, removal and maintenance

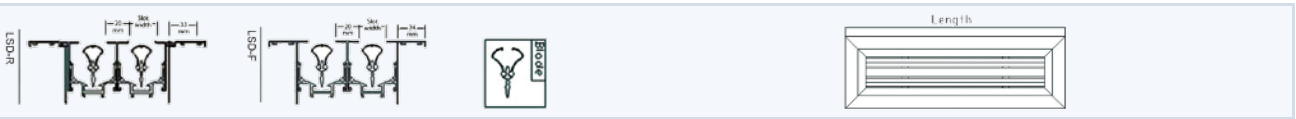
APPLICATIONS

- Ceiling, wall, sill or floor installation
- Continuous wall-to-wall installation

PRODUCT INFO

Model	LSD
Category	Aluminium Grilles
Construction	Extruded aluminium White powder-coat or natural anodised finish
Size range	600 (with 2 slots) – 1129 (with 2 slots) mm
Options	Painted finish in standard colours to customer requirements

DIMENSIONS



PACKING INFORMATION – 20 MM SLOT

Neck length (mm)	Face length (mm)	Quantity per carton (pcs)	Slot width (mm)	Carton dimensions (cm)	Carton volume (m³)
600 (with 2 slots)	666 (with 2 slots)	10	20	67.6 × 56.0 × 16.2	0.0613
1000 (with 2 slots)	1066 (with 2 slots)	10	20	107.6 × 56.0 × 16.2	0.0976
1200 (with 2 slots)	1266 (with 2 slots)	10	20	127.6 × 56.0 × 16.2	0.1158
1500 (with 2 slots)	1566 (with 2 slots)	10	20	157.6 × 56.0 × 16.2	0.1430
1129 (with 2 slots)	1195 (with 2 slots)	10	20	121.5 × 56.0 × 16.2	0.1102

1–6 slots optional for LSD-F (fixed core); 1–4 slots optional for LSD-R (removable core).

PACKING INFORMATION – 25 MM SLOT

Neck length (mm)	Face length (mm)	Quantity per carton (pcs)	Slot width (mm)	Carton dimensions (cm)	Carton volume (m³)
600 (with 2 slots)	666 (with 2 slots)	10	25	67.6 × 56.0 × 17.2	0.0651
1000 (with 2 slots)	1066 (with 2 slots)	10	25	107.6 × 56.0 × 17.2	0.1036
1200 (with 2 slots)	1266 (with 2 slots)	10	25	127.6 × 56.0 × 17.2	0.1229
1500 (with 2 slots)	1566 (with 2 slots)	10	25	157.6 × 56.0 × 17.2	0.1518
1129 (with 2 slots)	1195 (with 2 slots)	10	25	121.5 × 56.0 × 17.2	0.1170

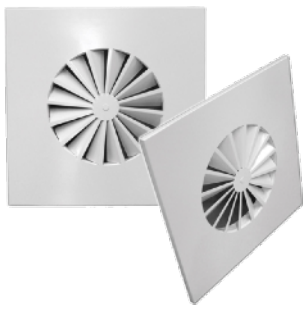
1–6 slots optional for LSD-F (fixed core); 1–4 slots optional for LSD-R (removable core).

Specifications are subject to change without notice.

CHAPTER 02

STEEL DIFFUSERS

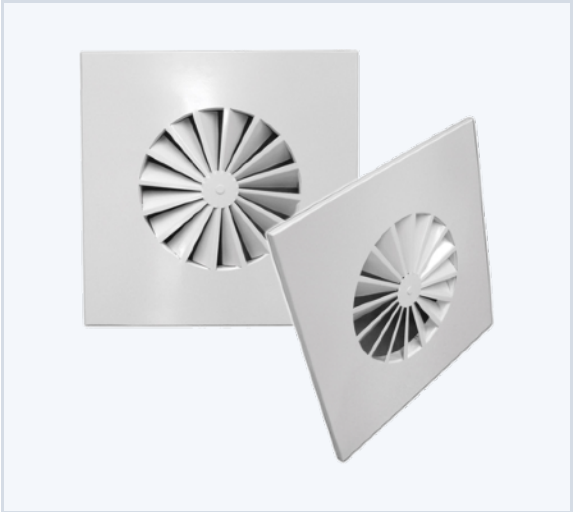
2 products · pages 17–18





NO.	PRODUCT	CODE	PAGE
2.1	Swirl Diffuser	**SWD**	**17**
2.2	Square Frameless Extract Grille	**FCG150**	**18**

SWIRL DIFFUSER



A steel swirl diffuser delivering a tight 360° circular horizontal air pattern for residential, commercial and large open-ceiling spaces.

KEY FEATURES

- Tight 360° circular horizontal air supply pattern
- Suitable for long throws in large open spaces
- Available with 24 or 18 blades
- Contributes to energy savings by reducing air distribution operating costs

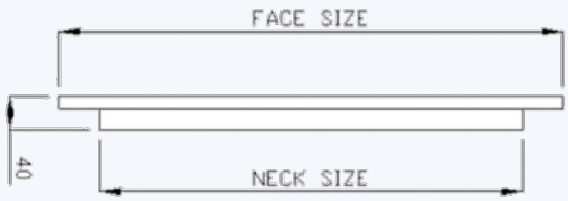
APPLICATIONS

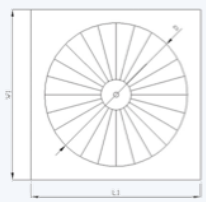
- Residential and commercial reverse cycle air conditioning
- Air distribution systems and HVAC applications
- Open-ceiling spaces such as factories, warehouses and shopping centres

PRODUCT INFO

Model	SWD
Category	Steel Diffusers
Construction	Galvanised sheet steel construction White powder-coat finish
Size range	Ø500 – Ø350 mm
Options	Custom colours available on request 24-blade or 18-blade core

DIMENSIONS





PACKING INFORMATION

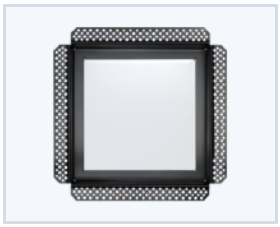
Neck size (mm)	Face size L1 × W1 (mm)	Blades	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø500	595 × 595	24	10	61.5 × 42.5 × 61.0	0.1594
Ø350	595 × 595	24	10	61.5 × 42.5 × 61.0	0.1594
Ø350	445 × 445	24	10	46.5 × 42.5 × 46.0	0.0909
Ø350	395 × 395	24	10	41.5 × 42.5 × 41.0	0.0723
Ø350	595 × 595	18	10	61.5 × 42.5 × 61.0	0.1594

Specifications are subject to change without notice.

SQUARE FRAMELESS EXTRACT GRILLE

A square frameless extract grille for Ø150 mm ducts, with a hidden frame that makes it almost invisible and an integral part of the ceiling in bathrooms, showers and laundries.







KEY FEATURES

- Minimalist frameless design
- Hidden frame makes the grille almost invisible and an integral part of the ceiling
- Frame designed to be plastered in
- Central plaque can be repainted to match the ceiling
- Quick installation and maintenance

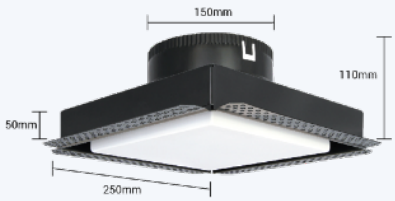
APPLICATIONS

- Bathrooms, showers and laundries

PRODUCT INFO

Model	FCG150
Category	Steel Diffusers
Construction	Powder-coated galvanised steel

DIMENSIONS



TECHNICAL DATA

Code	Duct size (mm)	Plaque size (mm)	Cut-out size (mm)	Frame depth (mm)
FCG150	Ø150	200 × 200	250 × 250	50

Overall height 110 mm

CHAPTER 03

PLASTIC DIFFUSERS & GRILLES

25 products · pages 20–36







NO.	PRODUCT	CODE	PAGE
3.1	Round Diffuser	**RD**	**20**
3.2	Cowled Wall Vent with Gravity Flap	**CVG**	**21**
3.3	Cowled Wall Vent with Gravity Flap – Low-Noise	**CVG-N**	**22**
3.4	Multi Directional Outlet	**MDO**	**23**
3.5	Neck Adaptor for Multi Directional Outlet	**NA-MDO**	**24**
3.6	Down Jet	**DJ**	**25**
3.7	Eggcrate Jet	**EJ**	**26**
3.8	Circular Jet	**CJ**	**27**
3.9	Air Master with Magnetic Easy Cover	**AM**	**28**
3.10	Eggcrate Round Diffuser	**ERD**	**29**
3.11	Fixed Louvre Grille	**FLG**	**30**
3.12	Fixed Louvre Grille Bevelled Edge	**FLG-B**	**31**
3.13	Plastic Gravity Grille	**GG**	**32**
3.14	Gravity Grille Bevelled Edge	**GG-B**	**33**
3.15	Plastic Eggcrate Grille	**PEG**	**34**
3.16	Plastic Eggcrate Grille Bevelled Edge	**PEG-B**	**35**
3.17	Polypropylene Adjustable Round Diffuser	**RD-2P**	**36**

ROUND DIFFUSER



An ABS round ceiling diffuser with an adjustable cone, designed for residential and commercial reverse cycle HVAC systems.

KEY FEATURES

- Available in five sizes: Ø100, Ø150, Ø200, Ø250 and Ø300 mm
- Scratch-resistant surface with integrated spring-loaded clips
- Tapered neck mounts directly to ductwork
- 360° air pattern that maintains horizontal discharge
- Adjustable airflow by raising or lowering the centre cone
- Easy installation, removal and maintenance

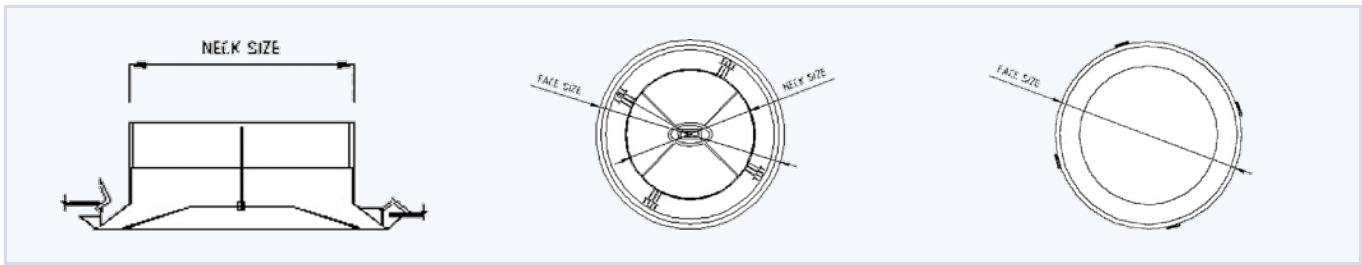
APPLICATIONS

- Residential and commercial reverse cycle HVAC systems

PRODUCT INFO

Model	RD
Category	Plastic Diffusers & Grilles
Construction	ABS plastic
Size range	Ø100 – Ø300 mm

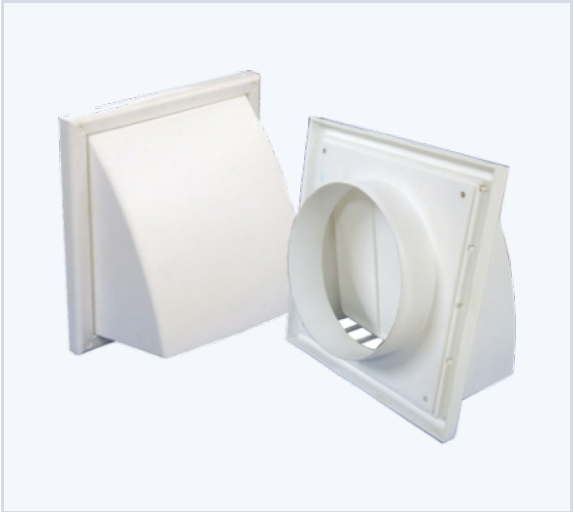
DIMENSIONS



PACKING INFORMATION

Neck size (mm)	Face size (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø100	Ø176	20	44.0 × 39.5 × 39.5	0.0687
Ø150	Ø260	10	61.5 × 28.0 × 55.0	0.0947
Ø200	Ø320	10	61.5 × 33.5 × 66.0	0.1360
Ø250	Ø395	10	64.0 × 40.0 × 79.0	0.2022
Ø300	Ø440	5	65.5 × 45.5 × 45.0	0.1341

COWLED WALL VENT WITH GRAVITY FLAP



An injection-moulded ABS cowled wall vent with a gravity flap, for external wall mounting on HVAC and ventilation systems.

KEY FEATURES

- Available for Ø100, Ø125 and Ø150 mm round ducts
- Gravity flap
- Duct connects to a neck at the rear of the vent
- Easy installation via four screw holes behind the removable face
- Scratch-resistant surface for heating or cooling applications

APPLICATIONS

- External wall mounting on HVAC systems

PRODUCT INFO

Model	CVG
Category	Plastic Diffusers & Grilles
Construction	Injection-moulded white ABS
Size range	Ø100 – Ø150 mm
Options	Inset fly mesh

DIMENSIONS



TECHNICAL DATA

Model	Neck size (mm)	Face size (mm)	Neck height (mm)	Base thickness (mm)	Cowl depth (mm)
CVG100	Ø100	186 × 186	30	15	85
CVG125	Ø125	186 × 186	30	15	85
CVG150	Ø150	186 × 186	30	15	85

PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø100	186 × 186	20	71.0 × 40.0 × 40.5	0.1150
Ø125	186 × 186	20	71.0 × 40.0 × 40.5	0.1150
Ø150	186 × 186	20	71.0 × 40.0 × 40.5	0.1150

Specifications are subject to change without notice.

COWLED WALL VENT WITH GRAVITY FLAP – LOW-NOISE



An injection-moulded ABS cowled wall vent with a rubber-cushioned gravity backdraft flap that reduces closing noise, for air conditioning and ventilation.

KEY FEATURES

- Available for Ø100, Ø125 and Ø150 mm round ducts
- Gravity backdraft flap with rubber parts to reduce noise when the flap closes
- Duct connects to a neck at the rear of the vent
- Tapered neck mounts easily to ductwork
- Easy installation via four screw holes behind the removable face
- Scratch-resistant surface for heating or cooling applications

APPLICATIONS

- Residential and commercial reverse cycle air conditioning and ventilation

PRODUCT INFO

Model	CVG-N
Category	Plastic Diffusers & Grilles
Construction	Injection-moulded white ABS
Size range	Ø100 – Ø150 mm

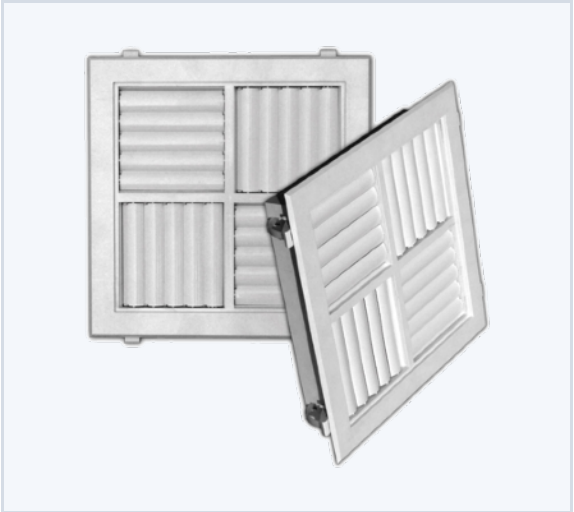
DIMENSIONS



PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø100	182 × 182	20	69.0 × 39.0 × 38.5	0.1036
Ø125	182 × 182	20	69.0 × 39.0 × 38.5	0.1036
Ø150	182 × 182	20	69.0 × 39.0 × 38.5	0.1036

MULTI DIRECTIONAL OUTLET



An ABS ceiling outlet with four individually adjustable louvred cores, configurable for a 1-, 2-, 3- or 4-way horizontal air pattern.

KEY FEATURES

- Four square cores, each with adjustable louvres
- Each core can be removed and rotated to direct air as required
- Modular core configurable for 1-, 2-, 3- or 4-way horizontal air pattern
- Large outlet area with relatively low static pressure drop
- Cores easy to install, access and maintain

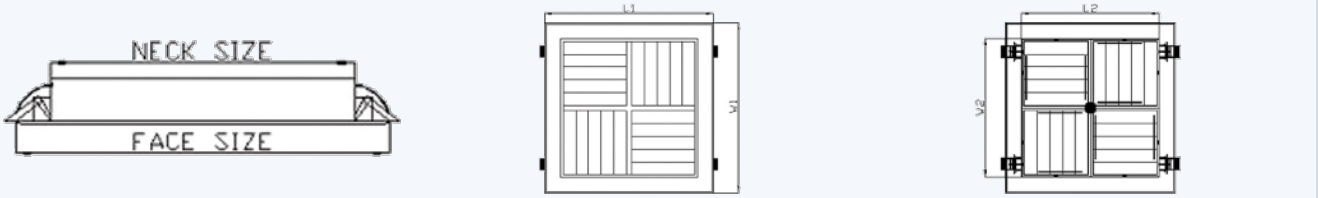
APPLICATIONS

- Ceiling-mounted heating, cooling or ventilation
- Open-ceiling spaces such as factories, warehouses and shopping centres requiring long throws

PRODUCT INFO

Model	MDO
Category	Plastic Diffusers & Grilles
Construction	ABS polymer construction
Size range	225 × 225 – 375 × 375 mm

DIMENSIONS

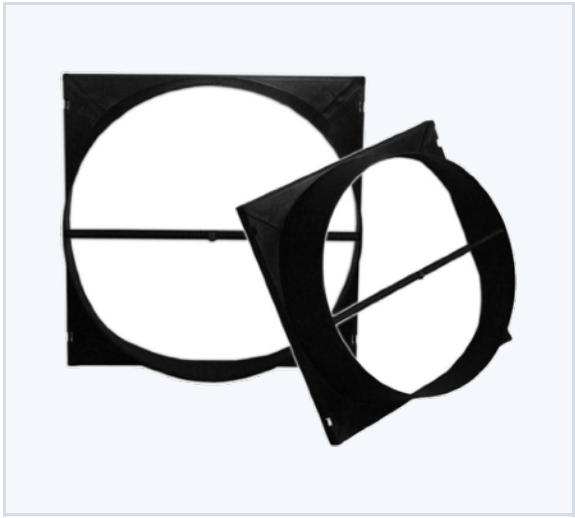


PACKING INFORMATION

Neck size L2 × W2 (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
225 × 225	285 × 285	10	82.0 × 33.0 × 31.5	0.0852
300 × 300	365 × 365	10	82.0 × 40.5 × 39.0	0.1295
375 × 375	440 × 440	10	82.0 × 48.5 × 47.0	0.1869

Specifications are subject to change without notice.

NECK ADAPTOR FOR MULTI DIRECTIONAL OUTLET



A PP plastic neck adaptor that connects the Multi Directional Outlet to round ducts of different sizes.

KEY FEATURES

- Available for each Multi Directional Outlet size to suit different duct sizes
- Ø150, Ø200 and Ø250 mm spigots for MDO 225 × 225
- Ø200, Ø250 and Ø300 mm spigots for MDO 300 × 300
- Ø250, Ø300, Ø350 and Ø400 mm spigots for MDO 375 × 375
- Easy installation, removal and maintenance

APPLICATIONS

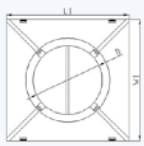
- Residential and commercial reverse cycle air conditioning and HVAC systems
- Open-ceiling spaces such as factories, warehouses and shopping centres requiring long throws

PRODUCT INFO

Model	NA-MDO
Category	Plastic Diffusers & Grilles
Construction	PP plastic Matt black finish
Size range	Ø150 – Ø400 mm
Options	Painted finish in standard colours to customer requirements

DIMENSIONS



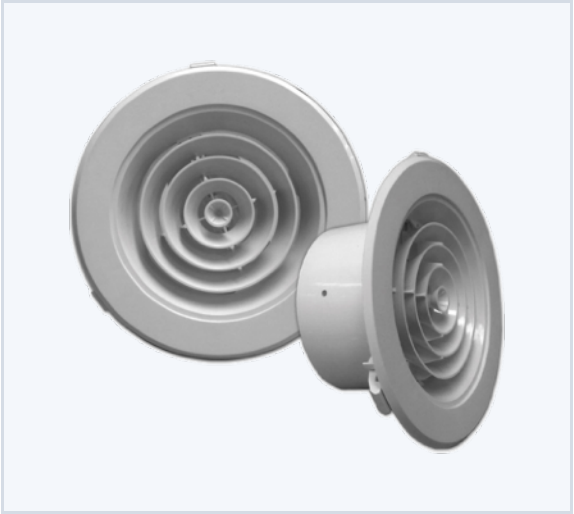


PACKING INFORMATION

Neck size (mm)	To suit MDO (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø150	225 × 225	25	72.0 × 24.0 × 24.0	0.0415
Ø200	225 × 225	25	72.0 × 24.0 × 24.0	0.0415
Ø250	225 × 225	20	60.0 × 48.0 × 24.5	0.0706
Ø200	300 × 300	25	32.0 × 32.0 × 60.0	0.0614
Ø250	300 × 300	25	32.0 × 32.0 × 60.0	0.0614
Ø300	300 × 300	25	32.0 × 32.0 × 60.0	0.0614
Ø250	375 × 375	25	72.0 × 39.0 × 39.0	0.1095
Ø300	375 × 375	25	72.0 × 39.0 × 39.0	0.1095
Ø350	375 × 375	25	72.0 × 39.0 × 39.0	0.1095
Ø400	375 × 375	20	72.0 × 39.0 × 39.0	0.1095

DOWN JET

An ABS round down-jet diffuser with an adjustable central cone, recommended for open-ceiling spaces such as factories, warehouses and shopping centres.



KEY FEATURES

- Round down-jet design with integrated spring-loaded clips
- Tapered neck mounts directly to ductwork
- 360° air pattern that maintains horizontal discharge
- Adjustable airflow by rotating the central button
- Easy installation, removal and maintenance

APPLICATIONS

- Open-ceiling spaces such as factories, warehouses and shopping centres
- Reverse cycle air conditioning systems

PRODUCT INFO

Model	DJ
Category	Plastic Diffusers & Grilles
Construction	ABS plastic
Size range	Ø150 – Ø300 mm

DIMENSIONS



PACKING INFORMATION

Neck size (mm)	Face size (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø150	Ø240	10	58.0 × 27.5 × 55.0	0.0877
Ø200	Ø290	10	58.0 × 32.5 × 63.5	0.1197
Ø250	Ø350	10	56.0 × 38.5 × 76.0	0.1639
Ø300	Ø410	5	57.0 × 43.5 × 44.0	0.1091

Specifications are subject to change without notice.

EGGCRATE JET



An injection-moulded ABS round down-jet diffuser with an eggcrate face, for residential, commercial and open-ceiling air distribution.

KEY FEATURES

- Integrated spring-loaded snap-action clips for easy installation, removal and maintenance
- Round down-jet design
- Positive-lock duct tabs
- Tapered neck mounts directly to ductwork
- 360° air pattern that maintains horizontal discharge

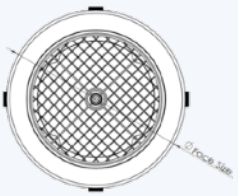
APPLICATIONS

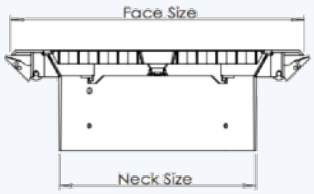
- Residential and commercial reverse cycle air conditioning and HVAC systems
- Open-ceiling spaces such as factories, warehouses and shopping centres

PRODUCT INFO

Model	EJ
Category	Plastic Diffusers & Grilles
Construction	Injection-moulded white ABS
Size range	Ø150 – Ø300 mm

DIMENSIONS





PACKING INFORMATION

Neck size (mm)	Face size (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø150	Ø240	10	58.0 × 27.5 × 55.0	0.0877
Ø200	Ø290	10	58.0 × 32.5 × 63.5	0.1197
Ø250	Ø350	10	56.0 × 38.5 × 76.0	0.1639
Ø300	Ø410	5	57.0 × 43.5 × 44.0	0.1091

CIRCULAR JET



An injection-moulded ABS circular down-jet diffuser, resistant to water and high humidity, for toilets, bathrooms and ensuites.

KEY FEATURES

- Resistant to water and high humidity
- Circular down-jet design
- Positive-connection duct spigots
- Tapered neck mounts directly to ductwork
- 360° air pattern that maintains horizontal discharge
- Easy installation, removal and maintenance

APPLICATIONS

- Toilets, bathrooms and ensuites

PRODUCT INFO

Model	CJ
Category	Plastic Diffusers & Grilles
Construction	Injection-moulded white ABS
Size range	Ø100 – Ø150 mm

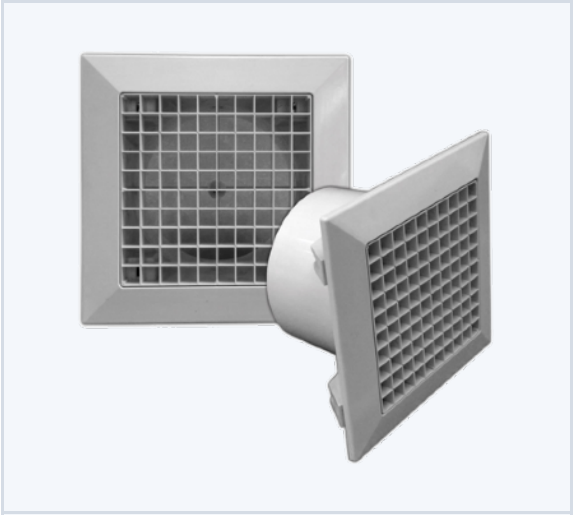
DIMENSIONS



PACKING INFORMATION

Neck size C (mm)	Face size A (mm)	Neck height B (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø100	140	50	60	55.0 × 39.0 × 40.0	0.0858
Ø125	170	50	60	70.0 × 52.0 × 40.0	0.1456
Ø150	200	50	60	65.0 × 50.0 × 50.0	0.1625

AIR MASTER WITH MAGNETIC EASY COVER



An ABS air transfer grille with a magnetically held face that removes easily for cleaning, suitable for indoor use, including partitions.

KEY FEATURES

- Available with a long or short duct spigot
- Face held by a rare earth magnet for easy removal and cleaning
- Face can be safely washed in a dishwasher
- Held in place with over-centre clips for easy installation

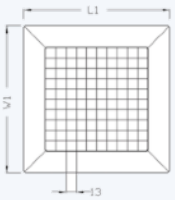
APPLICATIONS

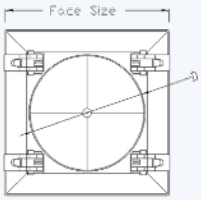
- Indoor applications, including partitions
- Air transfer between rooms
- Open-ceiling spaces such as factories, warehouses and shopping centres

PRODUCT INFO

Model	AM
Category	Plastic Diffusers & Grilles
Construction	Durable ABS plastic
Size range	Ø150 – Ø200 mm

DIMENSIONS





PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø150	210 × 210	20	63.0 × 46.0 × 46.0	0.1333
Ø200	260 × 260	20	66.0 × 54.0 × 55.0	0.1960

EGGCRATE ROUND DIFFUSER



An injection-moulded ABS eggcrate round diffuser for residential and commercial reverse cycle air distribution systems.

KEY FEATURES

- Available in two sizes: Ø150 and Ø200 mm
- Integrated spring-loaded snap-action clips for easy installation and maintenance
- Scratch-resistant surface for cooling applications
- Tapered neck mounts directly to ductwork
- Lightweight and low cost
- Contributes to energy savings by reducing air distribution operating costs

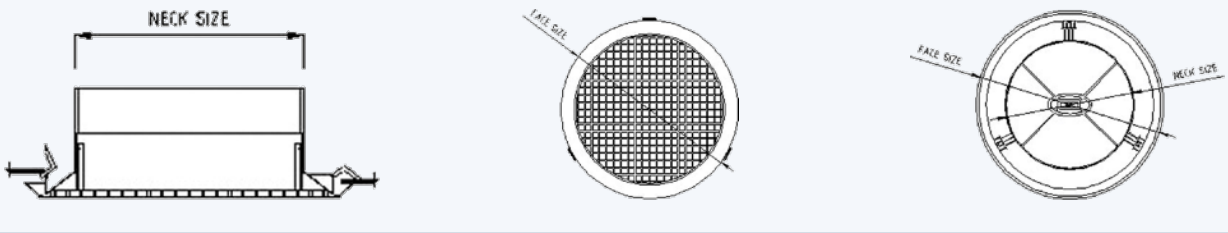
APPLICATIONS

- Residential and commercial reverse cycle air distribution systems
- Open-ceiling spaces such as factories, warehouses and shopping centres requiring long throws

PRODUCT INFO

Model	ERD
Category	Plastic Diffusers & Grilles
Construction	Injection-moulded white ABS
Size range	Ø150 – Ø200 mm

DIMENSIONS

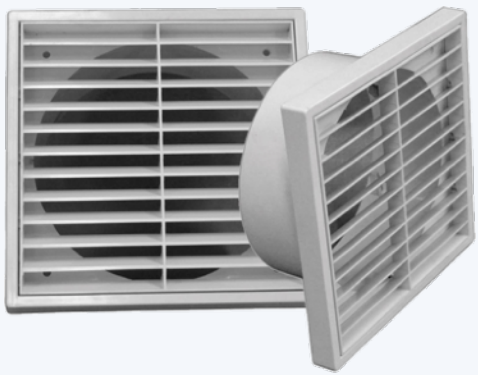


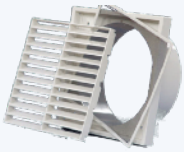
PACKING INFORMATION

Neck size (mm)	Face size (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø150	Ø260	10	61.0 × 28.0 × 55.0	0.0939
Ø200	Ø320	10	61.5 × 33.5 × 66.0	0.1360

Specifications are subject to change without notice.

FIXED LOUVRE GRILLE





An injection-moulded ABS fixed louvre grille for internal or external ceiling and wall mounting on round ducts.

KEY FEATURES

- Available in four sizes: Ø100, Ø125, Ø150 and Ø200 mm
- Easy installation and maintenance via four screw holes behind the removable face
- Scratch-resistant surface for heating or cooling applications
- Tapered neck mounts directly to ductwork
- Duct connects to a neck at the rear of the grille
- Lightweight and low cost
- Supplied with wall plugs

APPLICATIONS

- Internal and external applications, ceiling or wall mounted

PRODUCT INFO

Model	FLG
Category	Plastic Diffusers & Grilles
Construction	Injection-moulded white ABS
Size range	Ø100 – Ø200 mm
Options	Stainless steel fly mesh

DIMENSIONS



PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø100	125 × 125	60	55.5 × 43.0 × 40.0	0.0955
Ø125	150 × 150	60	65.0 × 49.0 × 40.0	0.1274
Ø150	175 × 175	60	76.0 × 57.0 × 40.0	0.1733
Ø200	225 × 225	60	83.0 × 74.0 × 50.0	0.3071

FIXED LOUVRE GRILLE BEVELLED EDGE



An injection-moulded ABS fixed louvre grille with a bevelled edge for wall or ceiling ventilation in residential and commercial premises.

KEY FEATURES

- Available in 100 mm, 125 mm and 150 mm neck sizes
- Shares the same base as the CVG cowl vent
- Symmetrical front grille with sight-proof louvres that obscure the view through the grille
- Scratch- and UV-resistant surface
- Removable core, no tools required
- Resistant to water and high humidity
- Supplied with wall installation screws

APPLICATIONS

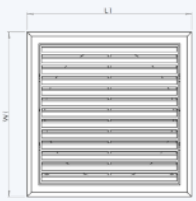
- Residential and commercial premises
- Offices and laundries
- Healthcare facilities

PRODUCT INFO

Model	FLG-B
Category	Plastic Diffusers & Grilles
Construction	Injection-moulded white ABS
Options	Stainless steel fly mesh or inset mesh

DIMENSIONS



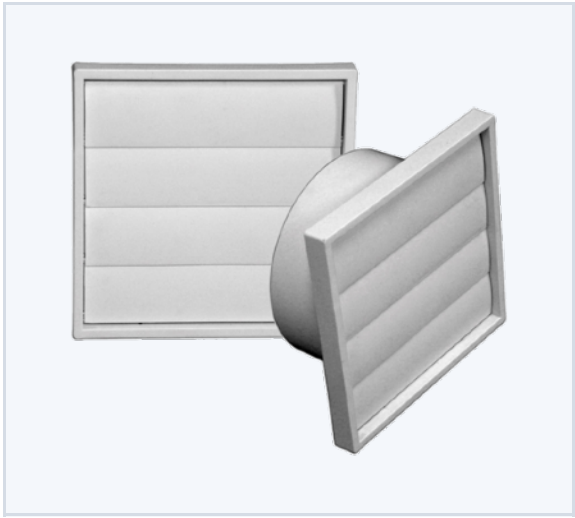


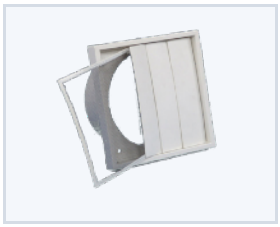
TECHNICAL DATA

Model	Neck size (mm)	Face size L × W (mm)	Neck height A (mm)	Cover height B (mm)	Quantity per carton (pcs)	Carton dimensions (cm)
FLGB100	100	185 × 185	30	15	60	60.0 × 50.0 × 40.0
FLGB125	125	185 × 185	30	15	60	60.0 × 50.0 × 40.0
FLGB150	150	185 × 185	30	15	60	60.0 × 50.0 × 40.0

Specifications are subject to change without notice.

PLASTIC GRAVITY GRILLE





An injection-moulded ABS gravity grille that mounts directly onto ductwork, used in residential and commercial reverse cycle air distribution systems.

KEY FEATURES

- Available in 100 mm, 125 mm, 150 mm and 200 mm neck sizes
- Lightweight and cost-effective
- Easy installation and maintenance via four screw holes behind the removable face
- Scratch-resistant surface suitable for heating or cooling applications
- Tapered neck mounts directly to ductwork at the rear of the grille
- Supplied with wall plugs

APPLICATIONS

- Residential and commercial reverse cycle air distribution systems
- Open-ceiling environments such as factories, warehouses and shopping centres

PRODUCT INFO

Model	GG
Category	Plastic Diffusers & Grilles
Construction	Injection-moulded white ABS
Size range	Ø100 – Ø200 mm
Options	Stainless steel fly mesh

DIMENSIONS

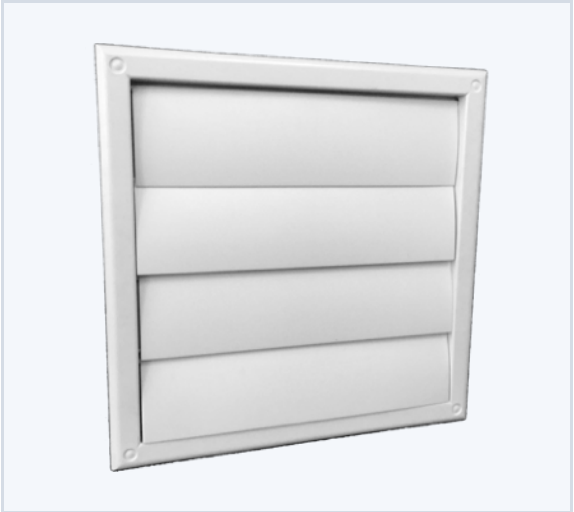


PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø100	125 × 125	60	55.5 × 43.0 × 40.0	0.0955
Ø125	150 × 150	60	65.0 × 49.0 × 40.0	0.1274
Ø150	175 × 175	60	76.0 × 57.0 × 40.0	0.1733
Ø200	225 × 225	60	83.0 × 74.0 × 50.0	0.3071

Specifications are subject to change without notice.

GRAVITY GRILLE BEVELLED EDGE



An injection-moulded ABS gravity grille with a bevelled edge for wall or ceiling ventilation in residential and commercial premises.

KEY FEATURES

- Available in 100 mm, 125 mm and 150 mm neck sizes
- Shares the same base as the CVG cowl vent
- Easy installation and maintenance via four screw holes behind the removable face
- Scratch- and UV-resistant surface
- Resistant to water and high humidity
- Supplied with wall installation screws

APPLICATIONS

- Residential and commercial premises
- Offices and laundries
- Healthcare facilities

PRODUCT INFO

Model	GG-B
Category	Plastic Diffusers & Grilles
Construction	Injection-moulded white ABS
Options	Stainless steel fly mesh or inset mesh

DIMENSIONS



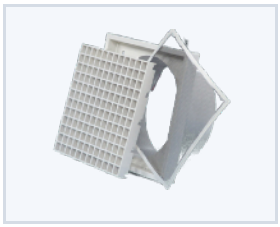
TECHNICAL DATA

Model	Neck size (mm)	Face size L × W (mm)	Neck height A (mm)	Cover height B (mm)	Quantity per carton (pcs)	Carton dimensions (cm)
GGB100	100	185 × 185	30	15	60	60.0 × 50.0 × 40.0
GGB125	125	185 × 185	30	15	60	60.0 × 50.0 × 40.0
GGB150	150	185 × 185	30	15	60	60.0 × 50.0 × 40.0

Specifications are subject to change without notice.

PLASTIC EGGCRATE GRILLE





An injection-moulded ABS eggcrate grille that mounts directly onto ductwork, suited to heating and cooling systems and open-ceiling environments.

KEY FEATURES

- Available in 100 mm, 125 mm, 150 mm and 200 mm neck sizes
- Lightweight and cost-effective
- Easy installation and maintenance via four screw holes behind the removable face
- Scratch-resistant surface suitable for heating or cooling applications
- Tapered neck mounts directly to ductwork at the rear of the grille
- Supplied with wall plugs

APPLICATIONS

- Heating and cooling air distribution systems
- Open-ceiling environments such as factories, warehouses and shopping centres

PRODUCT INFO

Model	PEG
Category	Plastic Diffusers & Grilles
Construction	Injection-moulded white ABS
Size range	Ø100 – Ø200 mm
Options	Stainless steel fly mesh

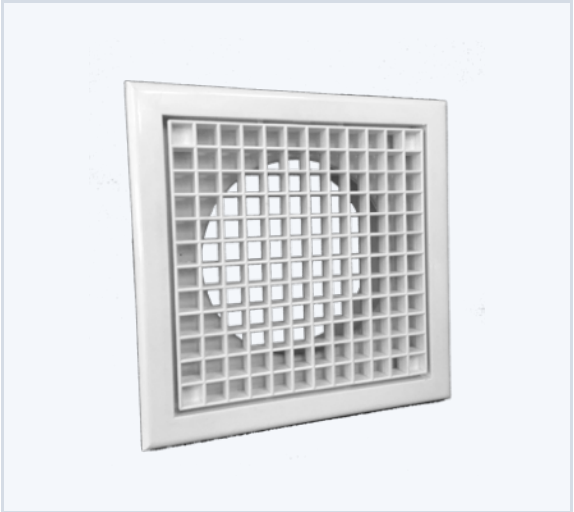
DIMENSIONS



PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø100	125 × 125	60	55.5 × 43.0 × 40.0	0.0955
Ø125	150 × 150	60	65.0 × 49.0 × 40.0	0.1274
Ø150	175 × 175	60	76.0 × 57.0 × 40.0	0.1733
Ø200	225 × 225	60	83.0 × 74.0 × 50.0	0.3071

PLASTIC EGGCRATE GRILLE BEVELLED EDGE



An injection-moulded ABS eggcrate grille with a bevelled edge for wall or ceiling ventilation in residential and commercial premises.

KEY FEATURES

- Available in 100 mm, 125 mm and 150 mm neck sizes
- Shares the same base as the CVG cowl vent
- Symmetrical front grille, removable for maintenance without tools
- Scratch- and UV-resistant surface
- Supplied with wall installation screws

APPLICATIONS

- Residential and commercial premises
- Offices and laundries
- Healthcare facilities

PRODUCT INFO

Model	PEG-B
Category	Plastic Diffusers & Grilles
Construction	Injection-moulded white ABS
Options	Stainless steel fly mesh or inset mesh

DIMENSIONS



TECHNICAL DATA

Model	Neck size (mm)	Face size L × W (mm)	Neck height A (mm)	Cover height B (mm)	Quantity per carton (pcs)	Carton dimensions (cm)
PEGB100	100	185 × 185	30	15	60	60.0 × 50.0 × 40.0
PEGB125	125	185 × 185	30	15	60	60.0 × 50.0 × 40.0
PEGB150	150	185 × 185	30	15	60	60.0 × 50.0 × 40.0

Specifications are subject to change without notice.

POLYPROPYLENE ADJUSTABLE ROUND DIFFUSER



An injection-moulded polypropylene round diffuser for supply or exhaust air in high-humidity rooms such as kitchens and bathrooms.

KEY FEATURES

- Heat resistant to 100 °C
- No studs required for installation
- Easily removed for cleaning, access and maintenance
- No leakage between valve body and mounting frame
- Low airflow noise

APPLICATIONS

- Rooms with high humidity, such as kitchens and bathrooms

PRODUCT INFO

Model	RD-2P
Category	Plastic Diffusers & Grilles
Construction	Injection-moulded white polypropylene (PP)
Size range	Ø100 – Ø200 mm

DIMENSIONS



PACKING INFORMATION

Neck size (mm)	Face size (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø100	Ø145	80	60.8 × 60.8 × 41.0	0.1516
Ø150	Ø200	80	82.0 × 82.0 × 41.0	0.2757
Ø200	Ø235	80	96.0 × 96.0 × 41.0	0.3779

CHAPTER 04

FLEXIBLE DUCTS

8 products · pages 38–41







NO.	PRODUCT	CODE	PAGE
4.1	Insulated Flexible Duct	**FDPI**	**38**
4.2	Aluminium Flexible Duct	**FDPD**	**39**
4.3	Semi-Rigid Flexible Duct	**FDSR**	**40**
4.4	PVC Layer Flexible Duct	**FDPP**	**41**

INSULATED FLEXIBLE DUCT



An insulated aluminium flexible duct for residential and commercial air conditioning, evaporative cooling, heating and ventilation systems.

KEY FEATURES

- Temperature range: −20 °C to +80 °C
- Operating pressure: −190 Pa to +1200 Pa
- Maximum velocity: 20 m/s
- Complies with AS 4254, AS 4508, AS 1530.3 and the NZ Building Code

APPLICATIONS

- Residential and commercial refrigerated air conditioning
- Evaporative cooling, heating and ventilation systems
- Return air ductwork in commercial applications

PRODUCT INFO

Model	FDPI
Category	Flexible Ducts
Construction	ECO insulation with durable aluminium core and jacket
Options	Custom lengths available

TECHNICAL DATA

Model	Insulation (R-value)	Length	Diameter
FDPI	R0.6	3 m / 6 m / 10 m / custom	100 mm to 550 mm
FDPI	R1.0	3 m / 6 m / 10 m / custom	100 mm to 550 mm
FDPI	R1.5	3 m / 6 m / 10 m / custom	100 mm to 550 mm

ALUMINIUM FLEXIBLE DUCT

An uninsulated aluminium flexible duct for residential and commercial refrigerated air conditioning, evaporative cooling, heating and ventilation systems.



KEY FEATURES

- Highly compressible
- Temperature range: −20 °C to +80 °C
- Operating pressure: −190 Pa to +1200 Pa
- Complies with AS 4254, AS 4508, AS 1530.3 and the NZ Building Code

APPLICATIONS

- Residential and commercial refrigerated air conditioning
- Evaporative cooling, heating and ventilation systems

PRODUCT INFO

Model	FDPD
Category	Flexible Ducts
Construction	Two aluminium layers and one clear polyester layer No insulation
Options	Custom diameters and lengths available

TECHNICAL DATA

Model	Insulation	Length	Diameter
FDPD	–	3 m / 6 m / 10 m / custom	100 mm to 550 mm

Specifications are subject to change without notice.

SEMI-RIGID FLEXIBLE DUCT

A semi-rigid aluminium foil flexible duct for high-temperature, low-pressure-loss air distribution and exhaust applications.



KEY FEATURES

- High operating temperature and low pressure loss
- Flexible and corrosion-resistant
- Temperature range: −30 °C to +150 °C
- Maximum operating pressure: 2000 Pa
- Complies with AS 4254, AS 4508, AS 1530.3 and the NZ Building Code

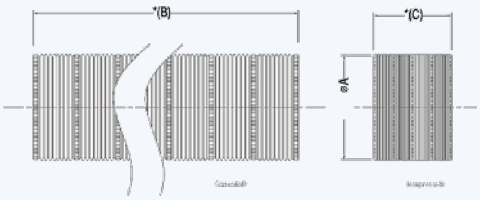
APPLICATIONS

- Ventilation and exhaust ductwork

PRODUCT INFO

Model	FDSR
Category	Flexible Ducts
Construction	Aluminium foil, 0.10–0.15 mm thick
Options	Custom lengths available

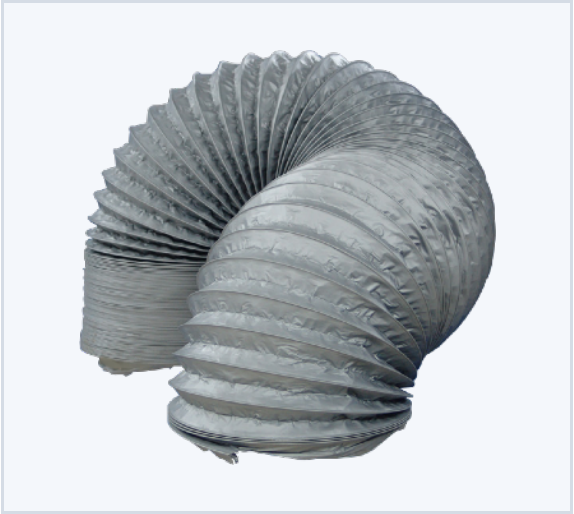
DIMENSIONS



TECHNICAL DATA

Model	Material	Thickness (mm)	Length B	Diameter A (mm)
FDSR100	Aluminium	0.10–0.15	3 m / 6 m / custom	100
FDSR125	Aluminium	0.10–0.15	3 m / 6 m / custom	125
FDSR150	Aluminium	0.10–0.15	3 m / 6 m / custom	150
FDSR200	Aluminium	0.10–0.15	3 m / 6 m / custom	200
FDSR250	Aluminium	0.10–0.15	3 m / 6 m / custom	250

PVC LAYER FLEXIBLE DUCT



A flexible duct with an aluminium layer and PVC outer layer for residential and commercial air conditioning, evaporative cooling, heating and ventilation systems.

KEY FEATURES

- Highly compressible for storage and transport
- Temperature range: −20 °C to +80 °C
- Operating pressure: −190 Pa to +1200 Pa
- Complies with AS 4254, AS 4508, AS 1530.3 and the NZ Building Code

APPLICATIONS

- Residential and commercial refrigerated air conditioning
- Evaporative cooling, heating and ventilation systems

PRODUCT INFO

Model	FDPP
Category	Flexible Ducts
Construction	Aluminium layer with PVC outer layer
Options	Custom diameters and lengths available

TECHNICAL DATA

Model	Material	Length	Diameter
FDPP	Aluminium layers and PVC	3 m / 6 m / 10 m / custom	100 mm to 550 mm

Specifications are subject to change without notice.

CHAPTER 05

VENTILATION FANS

32 products · pages 43–50







NO.	PRODUCT	CODE	PAGE
5.1	Header Box Exhaust Fan and Light	**HBF250**	**43**
5.2	Duct-Mounted Inline Fan	**IF**	**44**
5.3	Mixed Flow Exhaust Fan	**HF**	**45**
5.4	Bathroom Ventilator Fan A	**WF-L**	**46**
5.5	Bathroom Ventilator Fan B	**WF-B**	**47**
5.6	Round Ventilation Fan	**WF-S**	**48**
5.7	Bathroom Ventilator Fan C	**WF-D**	**49**
5.8	Bathroom Fan with Timer and Sensor	**WF-ET / WF-ES**	**50**

HEADER BOX EXHAUST FAN AND LIGHT



A ceiling-mounted header box exhaust fan with optional LED light panel for kitchens, bathrooms and storerooms.

KEY FEATURES

- High airflow with quiet operation
- Magnetic or clip-on grille
- Long-life ball bearing motor for efficiency and durability
- Fast mounting clips for convenient installation
- One-body design: round and square covers share the same fan body
- 150 mm duct connector with built-in backdraft damper
- Supplied with plug and lead
- Complies with SAA and RCM requirements for Australia and New Zealand

APPLICATIONS

- Kitchens, bathrooms and storerooms

PRODUCT INFO

Model	HBF250
Category	Ventilation Fans
Options	20 W LED lighting panel, single colour or three colour (3000 K, 4000 K, 6000 K), 1200 lm White fascia standard, silver optional

DIMENSIONS



TECHNICAL DATA

Model	Cover	Voltage / frequency	Noise level (dB)	Airflow*	Power (W)	Duct diameter (mm)	Cut-out size (mm)
HBF250	Round	240 V / 50 Hz	42	330 m³/h / 92 L/s / 195 CFM	70	150	300
HBF250L	Round	240 V / 50 Hz	42	330 m³/h / 92 L/s / 195 CFM	70 + 20 W LED	150	300
HBF250S	Square	240 V / 50 Hz	42	330 m³/h / 92 L/s / 195 CFM	70	150	300
HBF250LS	Square	240 V / 50 Hz	42	330 m³/h / 92 L/s / 195 CFM	70 + 20 W LED	150	300

**Airflow is adjustable.*

Specifications are subject to change without notice.

DUCT-MOUNTED INLINE FAN



A duct-mounted inline fan for toilets, bathrooms, ensuites and laundries with low-resistance ductwork.

KEY FEATURES

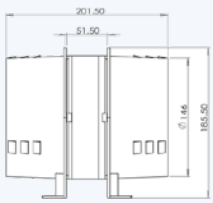
- Sizes: 100 mm, 150 mm, 200 mm and 250 mm
- High airflow with low noise
- Long-life dual ball bearing motor
- Fast-connect duct spigots for easy installation
- Robust one-body mounting feet
- Supplied with 240 V three-pin plug and lead
- Complies with SAA and RCM electrical safety requirements for Australia and New Zealand

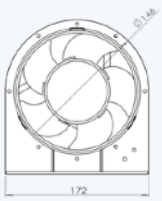
APPLICATIONS

- Toilets, bathrooms, ensuites and laundries with low-resistance ductwork

PRODUCT INFO	
Model	IF
Category	Ventilation Fans
Options	DC and EC motor versions available

DIMENSIONS





TECHNICAL DATA

Model	Size	Input	Airflow (CFM)	Airflow (L/s)	Airflow (m³/h)	Air pressure
IF100	Ø100	220–240 V, 50 Hz	88	42	150	5.9 mmH2O / 57.9 Pa
IF150	Ø150	220–240 V, 50 Hz	195	92	330	12.0 mmH2O / 117.6 Pa
IF150T	Ø150	220–240 V, 50 Hz	230	109	391	14.5 mmH2O / 142.1 Pa
IF150M	Ø150	220–240 V, 50 Hz	250	118	425	16.0 mmH2O / 156.8 Pa
IF150EM	Ø150	220–240 V, 50 Hz	251	119	426	15.5 mmH2O / 151.9 Pa
IF200T	Ø200	220–240 V, 50 Hz	336	159	572	10.8 mmH2O / 105.9 Pa
IF200M	Ø200	220–240 V, 50 Hz	545	257	925	22.6 mmH2O / 221.6 Pa
IF250	Ø250	220–240 V, 50 Hz	554	262	942	4.4 mmH2O / 43.2 Pa

MIXED FLOW EXHAUST FAN



A two-speed mixed flow inline exhaust fan for shower rooms, bathrooms, kitchens and utility rooms in residential and commercial buildings.

KEY FEATURES

- Five standard sizes from 100 mm to 250 mm
- Two-speed operation, 240 V / 50 Hz standard
- IP4X protection and splash-proof as required by Australian standards
- Double insulated with built-in thermal overload protection
- Long-life ball bearing motor
- Fan assembly easily removed from ducting for installation and maintenance

APPLICATIONS

- Shower rooms, bathrooms, kitchens and utility rooms in residential and commercial buildings

PRODUCT INFO

Model	HF
Category	Ventilation Fans
Construction	Plastic casing for long-lasting, robust and non-corrosive construction

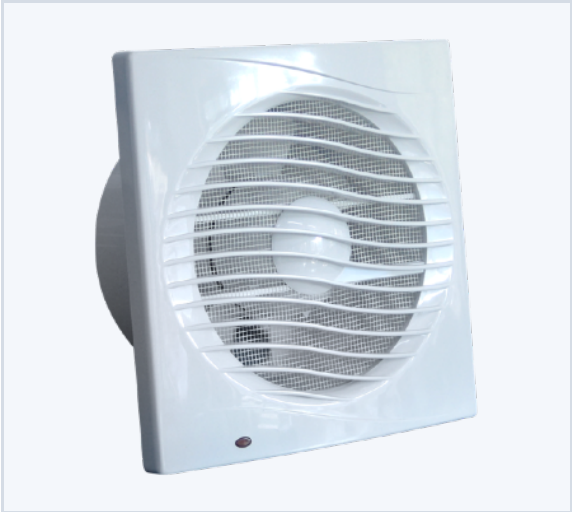
TECHNICAL DATA

Model	Size	Airflow (m³/h)	Speed (rpm)	Noise level (dB)	Power (W)	Voltage / frequency
HF-100P	Ø100	165/198	1850/2200	26/31	23/26	240 V / 50 Hz
HF-125P	Ø120	248/284	1850/2250	26/31	28/33	240 V / 50 Hz
HF-150P	Ø150	410/530	1850/2550	29/33	48/54	240 V / 50 Hz
HF-200P	Ø200	585/840	1950/2450	55/63	123/128	240 V / 50 Hz
HF-250P	Ø250	1064/1405	1850/2450	58/66	165/225	240 V / 50 Hz

Values shown as low/high speed.

Specifications are subject to change without notice.

BATHROOM VENTILATOR FAN A



A wall or ceiling ventilator fan with curved grille for bathrooms, toilets, kitchens and utility rooms in domestic or commercial buildings.

KEY FEATURES

- Curved grille, IPX2 rating
- Efficient performance with low energy consumption
- Reliable, long-lasting motor
- Easy installation
- Standard 240 V / 50 Hz, SAA approved

APPLICATIONS

- Bathrooms, toilets, kitchens and utility rooms in domestic or commercial buildings

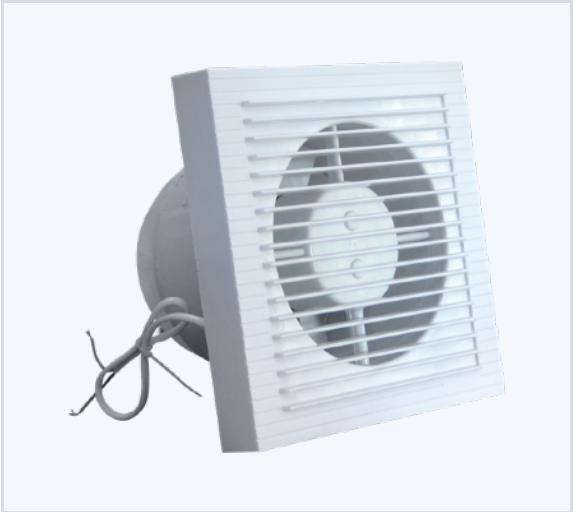
PRODUCT INFO

Model	WF-L
Category	Ventilation Fans
Construction	High-quality ABS casing
Options	Backdraft shutter Run-on timer Plastic insect screen

TECHNICAL DATA

Model	Face size (mm)	Diameter (mm)	Airflow (m³/h)	Speed (rpm)	Noise level (dB)	Power (W)
YF60209L	157 × 157	Ø100	130	2400	34	12
YF60211L	157 × 157	Ø120	240	2200	34	16
YF60213L	200 × 200	Ø150	320	2000	35	18

BATHROOM VENTILATOR FAN B



A wall or ceiling ventilator fan with slim-line grille for bathrooms, toilets, kitchens and utility rooms in domestic or commercial buildings.

KEY FEATURES

- Slim-line grille, IPX2 rating
- Efficient performance with low energy consumption
- Reliable, long-lasting motor
- Easy installation
- Standard 240 V / 50 Hz, SAA approved

APPLICATIONS

- Bathrooms, toilets, kitchens and utility rooms in domestic or commercial buildings

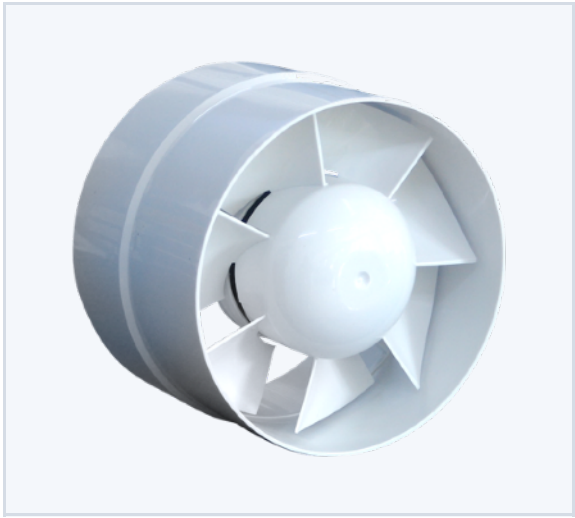
PRODUCT INFO

Model	WF-B
Category	Ventilation Fans
Construction	High-quality ABS casing
Options	Backdraft shutter

TECHNICAL DATA

Model	Face size (mm)	Diameter (mm)	Airflow (m³/h)	Speed (rpm)	Noise level (dB)	Power (W)
YF62209B	150 × 150	Ø100	130	2400	34	12
YF62211B	180 × 180	Ø120	240	2200	34	16
YF62213B	210 × 210	Ø150	320	2000	35	18

ROUND VENTILATION FAN



A compact round axial fan for short duct runs in bathrooms, toilets, kitchens and utility rooms in domestic or commercial buildings.

KEY FEATURES

- Compact axial fan, IPX2 rating
- Designed for short lengths of ducting
- Reliable, long-lasting motor
- Easy installation
- Standard 240 V / 50 Hz, SAA approved

APPLICATIONS

- Bathrooms, toilets, kitchens and utility rooms in domestic or commercial buildings

PRODUCT INFO	
Model	WF-S
Category	Ventilation Fans
Construction	High-quality ABS casing and impeller

TECHNICAL DATA

Model	Diameter (mm)	Airflow (m³/h)	Speed (rpm)	Noise level (dB)	Power (W)	Voltage / frequency
YF80109S	Ø100	130	2400	34	12	240 V / 50 Hz
YF80111S	Ø120	240	2200	34	16	240 V / 50 Hz
YF80113S	Ø150	320	2000	35	18	240 V / 50 Hz

BATHROOM VENTILATOR FAN C



A high-airflow ventilator fan with gravity flap for bathrooms, toilets, kitchens and utility rooms in domestic or commercial buildings.

KEY FEATURES

- High airflow and low noise through low resistance
- Efficient motor for quiet continuous operation
- Gravity flap prevents reverse airflow
- Understated design suits a wide range of interiors
- Reliable, long-lasting motor
- Standard 240 V / 50 Hz, CE certified

APPLICATIONS

- Bathrooms, toilets, kitchens and utility rooms in domestic or commercial buildings

PRODUCT INFO	
Model	WF-D
Category	Ventilation Fans

TECHNICAL DATA

Model	Face size (mm)	Cut-out diameter (mm)	Airflow (m^3/h)	Speed (rpm)	Noise level (dB)	Power (W)
YF90115D	250 × 250	Ø150	300	1300	40	30
YF90120D	300 × 300	Ø200	500	1100	40	35
YF90125D	350 × 350	Ø250	800	900	40	40
YF90130D	400 × 400	Ø300	1100	850	42	45

BATHROOM FAN WITH TIMER AND SENSOR





A slim-line bathroom fan with run-on timer or timer and motion sensor for bathrooms, toilets, kitchens and utility rooms in domestic or commercial buildings.

KEY FEATURES

- Slim-line grille, IPX2 rating
- Efficient performance with low energy consumption
- Reliable, long-lasting motor
- Easy installation
- Standard 240 V / 50 Hz, SAA approved

APPLICATIONS

- Bathrooms, toilets, kitchens and utility rooms in domestic or commercial buildings

PRODUCT INFO

Model	WF-ET / WF-ES
Category	Ventilation Fans
Construction	High-quality ABS casing
Options	Backdraft damper Plastic insect screen



WF-ET

Bathroom Fan with Run-On Timer

Run-on timer



WF-ES

Bathroom Fan with Timer and Motion Sensor

Run-on timer and motion sensor

TECHNICAL DATA

Model	Face size (mm)	Diameter (mm)	Airflow (m³/h)	Speed (rpm)	Noise level (dB)	Power (W)
YF60209ET	157 × 157	Ø100	130	2400	34	12
YF60211ET	157 × 157	Ø120	240	2200	34	16
YF60213ET	200 × 200	Ø150	320	2000	35	18
YF60209ES	157 × 157	Ø100	130	2400	34	12
YF60211ES	157 × 157	Ø120	240	2200	34	16
YF60213ES	200 × 200	Ø150	320	2000	35	18

CHAPTER 06

BRANCH TAKE-OFFS

4 products · pages 52–53





NO.	PRODUCT	CODE	PAGE
6.1	Branch Take-Off – Two Piece	**BTOY2 / BTOD2**	**52**
6.2	Branch Take-Off – One Body	**BTOY / BTOD**	**53**

BRANCH TAKE-OFF – TWO PIECE

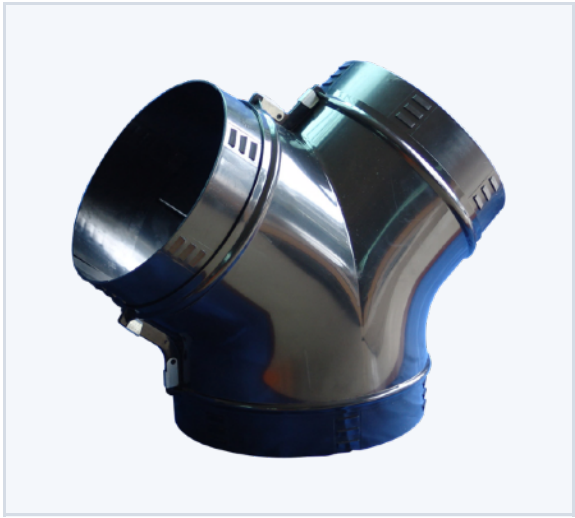
A two-piece injection-moulded ABS branch take-off for flexible duct systems in commercial and domestic applications.

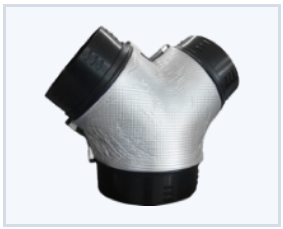
KEY FEATURES

- Two-piece body packs into cartons for efficient storage and sea freight
- Compatible with all types of flexible ductwork
- Easy to handle, with no sharp edges
- Corrosion-free material
- Fast and easy installation
- Available insulated or uninsulated

APPLICATIONS

- Commercial and domestic flexible duct systems





PRODUCT INFO	
Model	BTOY2 / BTOD2
Category	Branch Take-Offs
Construction	Strong, lightweight injection-moulded ABS Insulated version: aluminium with XPE foam insulation
Size range	200-150-150 – 350-300-300 mm
Options	Motorised zone damper for airflow regulation Reducers in various sizes

TECHNICAL DATA

BTOY2 sizes (mm)	BTOD2 sizes (mm)
200-150-150	300-250-200-200
200-200-150	300-250-250-200
200-200-200	300-250-250-250
250-200-200	300-300-200-200
250-250-200	300-300-250-200
250-250-250	300-300-250-250
300-200-200	350-250-200-200
300-250-200	350-250-250-200
300-250-250	350-250-250-250
300-300-250	350-300-200-200
300-300-300	350-300-250-200
350-250-250	350-300-250-250
350-300-250	
350-300-300	

BRANCH TAKE-OFF – ONE BODY

A one-body polypropylene branch take-off for flexible duct systems in commercial and domestic applications.





KEY FEATURES

- One-body design, durable during transport and warehouse storage
- Compatible with all types of flexible ductwork
- Corrosion-free material
- Fast and easy installation
- Available insulated or uninsulated

APPLICATIONS

- Commercial and domestic flexible duct systems

PRODUCT INFO	
Model	BTOY / BTOD
Category	Branch Take-Offs
Construction	Strong, lightweight polypropylene (PP) Insulated version: aluminium with XPE foam insulation
Size range	150-150-150 mm

TECHNICAL DATA

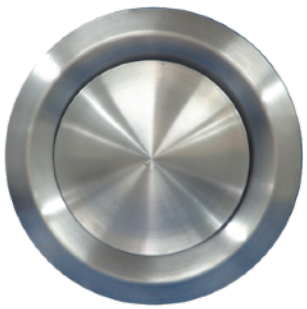
BTOY sizes (mm)	BTOD sizes (mm)
150-150-150	200-150-150-150

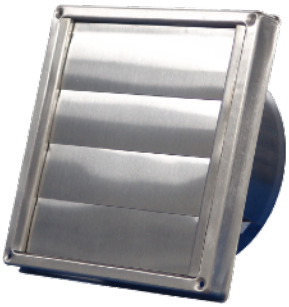
Specifications are subject to change without notice.

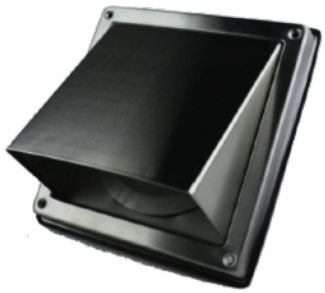
CHAPTER 07

STAINLESS STEEL VENTS

34 products · pages 55–62

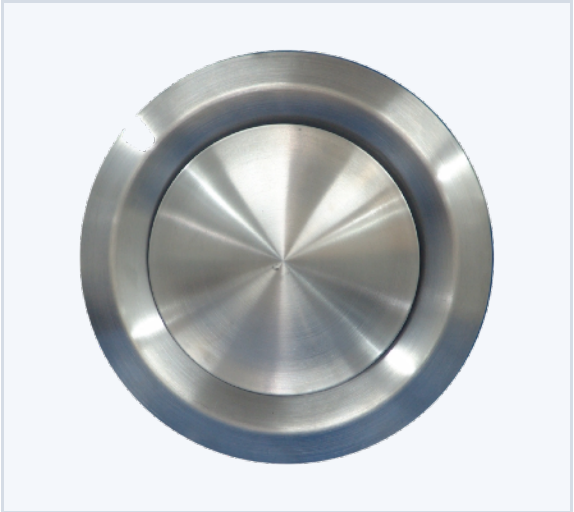






NO.	PRODUCT	CODE	PAGE
7.1	Stainless Steel Air Valve	**VS**	**55**
7.2	Stainless Steel Gravity Louvre	**SMS**	**56**
7.3	Stainless Steel Cowl Vent	**SUD / SUA / SUM**	**57**
7.4	Stainless Steel Dome Louvre	**VLA**	**58**
7.5	Stainless Steel Dome Vent with Mesh	**VLB**	**59**
7.6	Stainless Steel Eave Vent	**VLD**	**60**
7.7	Stainless Steel External Louvre – Type A	**ELA**	**61**
7.8	Stainless Steel External Louvre – Type N	**ELN**	**62**

STAINLESS STEEL AIR VALVE



A 304 stainless steel air valve with adjustable cone centre for supply or exhaust air in heating and cooling systems.

KEY FEATURES

- Fast installation clip for easy fitting
- 360° air pattern maintains horizontal discharge
- Cone centre moves up or down for adjustable airflow control
- Scratch-resistant surface suitable for heating or cooling applications
- Tapered neck mounts easily to ductwork

PRODUCT INFO

Model	VS
Category	Stainless Steel Vents
Construction	Durable 304 stainless steel
Options	Stainless steel insect screen or inset mesh

DIMENSIONS

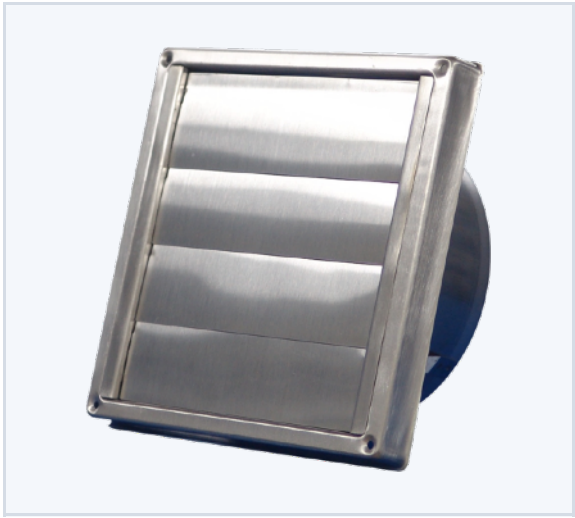


TECHNICAL DATA

Model	Diameter D (mm)	Face size A (mm)	Neck height B (mm)	Cover height C (mm)	Quantity per carton (pcs)	Carton dimensions (cm)
VS100	100	140	52	6	60	57.0 × 43.0 × 31.5
VS125	125	172	52	6	30	55.0 × 37.0 × 32.5
VS150	150	217	62	8	24	68.0 × 45.0 × 29.0
VS160	160	220	63	14	60	68.0 × 45.0 × 29.0
VS200	200	292	75	15	12	60.0 × 60.0 × 27.0

Specifications are subject to change without notice.

STAINLESS STEEL GRAVITY LOUVRE



A 304 stainless steel gravity louvre that prevents backdraft at duct outlets in exhaust and ventilation applications.

KEY FEATURES

- Gravity louvre prevents backdraft
- Fast installation clip for easy fitting
- Lightweight and cost-effective
- Tapered neck mounts easily to ductwork

PRODUCT INFO

Model	SMS
Category	Stainless Steel Vents
Construction	Durable 304 stainless steel
Options	304 stainless steel insect screen or cinder mesh

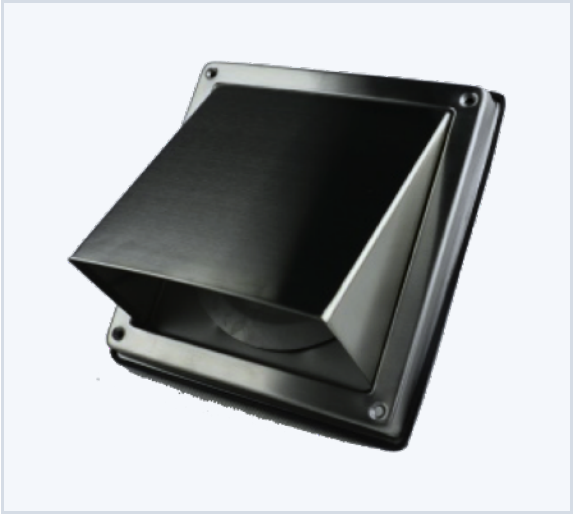
DIMENSIONS



TECHNICAL DATA

Model	Diameter D (mm)	Face size L × W (mm)	Neck height B (mm)	Cover height C (mm)	Quantity per carton (pcs)	Carton dimensions (cm)
SMS100	100	160 × 160	52	16	36	55.0 × 55.0 × 30.0
SMS125	125	185 × 185	52	21	12	57.5 × 38.5 × 18.0
SMS150	150	185 × 185	62	19	12	57.5 × 38.5 × 18.0

STAINLESS STEEL COWL VENT

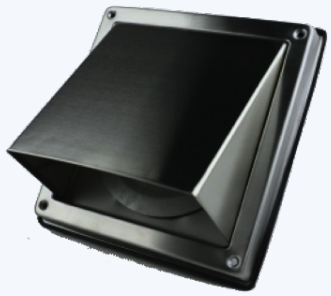


A 304 stainless steel cowl vent for external duct outlets, available with mesh and blade, blade only or mesh only.

KEY FEATURES

- Fast installation clip for easy fitting
- Lightweight and durable
- Scratch-resistant surface suitable for heating or cooling applications
- Tapered neck mounts easily to ductwork

PRODUCT INFO	
Model	SUD / SUA / SUM
Category	Stainless Steel Vents
Construction	Durable 304 stainless steel



SUD
Cowl Vent with Mesh and Blade

Fitted with cinder mesh and non-return backdraft blade

SUA
Cowl Vent with Blade

Fitted with non-return backdraft blade only

SUM
Cowl Vent with Mesh

Fitted with cinder mesh only

DIMENSIONS





TECHNICAL DATA

Model	Configuration	Diameter D (mm)	Face size L × W (mm)	Neck height B (mm)	Cover height C (mm)	Quantity per carton (pcs)	Carton dimensions (cm)
SUD100	Mesh + blade	100	160 × 160	52	81	36	49.0 × 49.0 × 52.0
SUD125	Mesh + blade	125	185 × 185	52	86	18	57.5 × 38.5 × 46.0
SUD150	Mesh + blade	150	185 × 185	62	86	18	57.5 × 38.5 × 46.0
SUA100	Blade only	100	160 × 160	52	81	36	49.0 × 49.0 × 52.0
SUA125	Blade only	125	185 × 185	52	86	18	57.5 × 38.5 × 46.0
SUA150	Blade only	150	185 × 185	62	86	18	57.5 × 38.5 × 46.0
SUM100	Mesh only	100	160 × 160	52	81	36	49.0 × 49.0 × 52.0
SUM125	Mesh only	125	185 × 185	52	86	18	57.5 × 38.5 × 46.0
SUM150	Mesh only	150	185 × 185	62	86	18	57.5 × 38.5 × 46.0

Specifications are subject to change without notice.

STAINLESS STEEL DOME LOUVRE



A dome-style fixed louvre in 304 stainless steel, with a round hooded section that gives wall outlets added protection.

KEY FEATURES

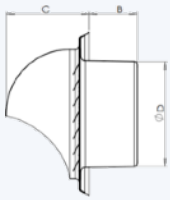
- Alternative fixed louvre with round hooded dome section for added protection
- Tapered neck mounts easily to ductwork
- Easy installation via two screw holes

PRODUCT INFO

Model	VLA
Category	Stainless Steel Vents
Construction	Durable 304 stainless steel
Options	304 stainless steel cinder mesh

DIMENSIONS





TECHNICAL DATA

Model	Diameter D (mm)	Face size A (mm)	Neck height B (mm)	Cover height C (mm)	Quantity per carton (pcs)	Carton dimensions (cm)
VLA100	100	147	52	68	36	46.5 × 46.5 × 51.0
VLA125	125	187	52	87	18	57.0 × 57.0 × 29.0
VLA150	150	210	62	96	12	64.0 × 43.0 × 34.0
VLA160	160	210	63	97	12	64.0 × 43.0 × 34.0
VLA200	200	268	75	133	12	83.0 × 55.0 × 43.0

STAINLESS STEEL DOME VENT WITH MESH



A dome-style fixed louvre in 304 stainless steel with a round hooded section, supplied in a mesh version for external wall outlets.

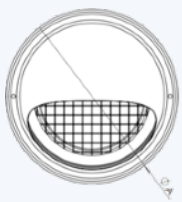
KEY FEATURES

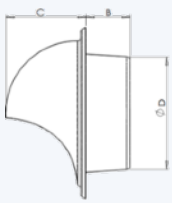
- Alternative fixed louvre with round hooded dome section for added protection
- Easy installation via two screw holes

PRODUCT INFO

Model	VLB
Category	Stainless Steel Vents
Construction	Durable 304 stainless steel Mesh supplied as standard
Options	304 stainless steel cinder mesh

DIMENSIONS





TECHNICAL DATA

Model	Diameter D (mm)	Face size A (mm)	Neck height B (mm)	Cover height C (mm)	Quantity per carton (pcs)	Carton dimensions (cm)
VLB100	100	147	52	68	36	46.5 × 46.5 × 51.0
VLB125	125	187	52	87	18	57.0 × 57.0 × 29.0
VLB150	150	210	62	96	12	64.0 × 43.0 × 34.0
VLB160	160	210	63	97	12	64.0 × 43.0 × 34.0
VLB200	200	268	75	133	12	83.0 × 55.0 × 43.0

Specifications are subject to change without notice.

STAINLESS STEEL EAVE VENT



An eave-style fixed louvre in 304 stainless steel, designed for external walls.

KEY FEATURES

- Eave-style alternative to a standard fixed louvre
- Easy installation via two screw holes

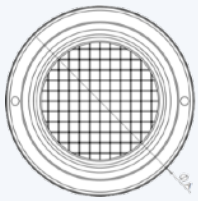
APPLICATIONS

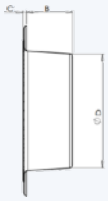
- External walls

PRODUCT INFO

Model	VLD
Category	Stainless Steel Vents
Construction	Durable 304 stainless steel
Options	304 stainless steel cinder mesh

DIMENSIONS





TECHNICAL DATA

Model	Diameter D (mm)	Face size A (mm)	Neck height B (mm)	Cover height C (mm)	Quantity per carton (pcs)	Carton dimensions (cm)
VLD100	100	140	52	1	36	46.5 × 46.5 × 51.0
VLD125	125	178	52	2	18	57.0 × 57.0 × 29.0
VLD150	150	205	62	3	12	64.0 × 43.0 × 34.0
VLD160	160	205	62	3	12	64.0 × 43.0 × 34.0
VLD200	200	268	75	2	12	83.0 × 55.0 × 43.0

STAINLESS STEEL EXTERNAL LOUVRE – TYPE A



A round, flat-style fixed louvre in 304 stainless steel with a tapered neck, suitable for heating and cooling applications.

KEY FEATURES

- Round flat-style alternative to a standard fixed louvre
- Tapered neck mounts easily to ductwork
- Scratch-resistant surface
- Easy installation via two screw holes

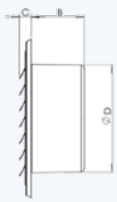
APPLICATIONS

- Heating and cooling applications

PRODUCT INFO	
Model	ELA
Category	Stainless Steel Vents
Construction	Durable 304 stainless steel

DIMENSIONS





TECHNICAL DATA

Model	Diameter D (mm)	Face size A (mm)	Neck height B (mm)	Cover height C (mm)	Quantity per carton (pcs)	Carton dimensions (cm)
ELA100	100	140	52	6	36	43.5 × 43.5 × 26.0
ELA125	125	178	52	6	36	56.0 × 56.0 × 26.0
ELA150	150	205	62	8	24	64.0 × 43.0 × 30.5
ELA160	160	205	62	9	24	64.0 × 43.0 × 30.5
ELA200	200	268	75	6	12	55.0 × 55.0 × 26.5

Specifications are subject to change without notice.

STAINLESS STEEL EXTERNAL LOUVRE – TYPE N



A round, flat-style fixed louvre in 304 stainless steel with a tapered neck, suitable for heating and cooling applications.

KEY FEATURES

- Round flat-style alternative to a standard fixed louvre
- Tapered neck mounts easily to ductwork
- Scratch-resistant surface
- Easy installation via two screw holes

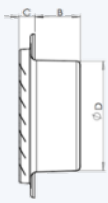
APPLICATIONS

- Heating and cooling applications

PRODUCT INFO	
Model	ELN
Category	Stainless Steel Vents
Construction	Durable 304 stainless steel

DIMENSIONS





TECHNICAL DATA

Model	Diameter D (mm)	Face size A (mm)	Neck height B (mm)	Cover height C (mm)	Quantity per carton (pcs)	Carton dimensions (cm)
ELN100	100	144	52	14	48	44.0 × 44.0 × 29.0
ELN125	125	178	52	13	36	56.0 × 56.0 × 28.0
ELN150	150	205	62	13	24	64.0 × 43.0 × 30.5

CHAPTER 08

AC INSTALLATION & MOUNTING

18 products · pages 64–71







NO.	PRODUCT	CODE	PAGE
8.1	Air Conditioning Decorative Pipe Duct A	**PD801/1301–PD804/1304**	**64**
8.2	Air Conditioning Decorative Pipe Duct B	**PD805/1305–PD808/1308**	**65**
8.3	Air Conditioning Bracket	**WB / RB**	**66**
8.4	Round Adjustable Rubber Feet	**RAF**	**67**
8.5	Anti-Vibration Rubber Feet	**RA**	**68**
8.6	Anti-Vibration Waffle Pad	**WP**	**69**
8.7	Anti-Vibration Spring Mount – Single Rubber	**VSH**	**70**
8.8	Anti-Vibration Spring Mount – Double Rubber	**VSH-D**	**71**

Specifications are subject to change without notice.

AIR CONDITIONING DECORATIVE PIPE DUCT A

A decorative plastic duct system that covers air conditioning copper pipework and cables, available in 80 and 130 series.



KEY FEATURES

- Plastic construction that will not rust or deteriorate
- Flexible and corrosion-resistant
- Two sizes available: 80 and 130 series

PRODUCT INFO	
Model	PD801/1301–PD804/1304
Category	AC Installation & Mounting
Construction	ABS, PVC or PE, depending on component (see table)



PD801/1301
Wall Cap

Covers wall penetrations



PD802/1302
Straight Pipe Duct

Straight duct section



PD803/1303
Level 90° Bend

Optimum radius and space allow copper pipe to be bent without kinking



PD804/1304
Joiner

Joins duct sections

TECHNICAL DATA

Model	Material	Quantity per carton (pcs)	Carton dimensions (cm)	Net weight (g)
PD801	ABS	50	45.0 × 38.0 × 40.0	110
PD802	PVC	12	201.0 × 24.0 × 18.0	1440
PD803	ABS	100	68.5 × 35.0 × 55.0	118
PD804	PE	100	45.5 × 33.0 × 28.8	45
PD1301	ABS	30	53.5 × 43.0 × 52.0	254
PD1302	PVC	8	201.0 × 24.0 × 16.5	2840
PD1303	ABS	30	64.0 × 43.0 × 44.0	270
PD1304	PE	40	44.0 × 28.0 × 38.0	92

AIR CONDITIONING DECORATIVE PIPE DUCT B

A decorative plastic duct system that covers air conditioning copper pipework and cables, available in 80 and 130 series.



KEY FEATURES

- Plastic construction that will not rust or deteriorate
- Flexible and corrosion-resistant
- Two sizes available: 80 and 130 series

PRODUCT INFO

Model	PD805/1305–PD808/1308
Category	AC Installation & Mounting
Construction	ABS, PVC or PE, depending on component (see table)



PD805/1305
Flexible Joiner

Bends easily over and around difficult obstacles



PD806
Flexible Joiner – Belled Shape

Flexible joiner with belled end



PD807/1307
Upright 90° Bend

Functional fitting for joining cable duct where required



PD808/1308
Ceiling Tail Cap

Tail cap for duct runs at the ceiling

TECHNICAL DATA

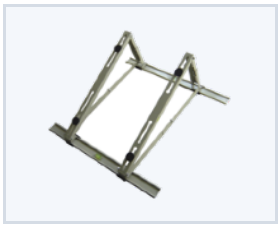
Model	Material	Quantity per carton (pcs)	Carton dimensions (cm)	Net weight (g)
PD805	PE	20	51.0 × 31.8 × 31.5	182
PD806	PVC	25	63.0 × 50.0 × 41.0	254
PD807	ABS	100	55.5 × 44.0 × 45.2	103
PD808	ABS	100	45.5 × 33.0 × 32.0	46
PD1305	PE	20	82.0 × 44.5 × 56.0	350
PD1307	ABS	24	57.5 × 29.5 × 41.5	192
PD1308	ABS	40	44.0 × 28.0 × 34.5	100

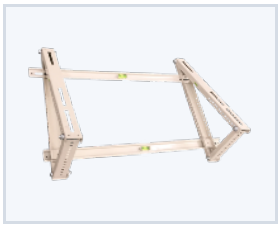
Specifications are subject to change without notice.

AIR CONDITIONING BRACKET

Steel mounting brackets for outdoor air conditioning installations, with load ratings of up to 250 kg.







KEY FEATURES

- Load capacity of up to 250 kg (see table for each model)
- Support structure designed for high strength
- High-quality rubber pads reduce noise and vibration
- Fast and easy installation

APPLICATIONS

- Outdoor air conditioning installations

PRODUCT INFO

Model	WB / RB
Category	AC Installation & Mounting
Construction	High-quality galvanised steel or cold-pressed steel Supplied with stainless steel bolts and rubber pads
Options	Spirit level

TECHNICAL DATA

Model	Dimensions (mm)	Thickness (mm)	Max. load (kg)	Net weight (kg)	Sets per 20GP container
WB-DG1D	700 × 450 × 350	1.6	160	2.4	5500
WB-DG2D	850 × 550 × 450	1.8	220	4.2	3700
WB-DG1K	800 × 450 × 350	1.8	220	3.2	4800
WB-DG2K	850 × 550 × 450	2.0	250	5.0	3400
RB-DWG01	800 × 560 × 560	1.5	150	1.9	2700

ROUND ADJUSTABLE RUBBER FEET



Height-adjustable rubber feet for mounting air conditioner outdoor units, reducing vibration and noise on uneven surfaces.

KEY FEATURES

- Reduces vibration and noise from outdoor units
- Adjustable height suits uneven surfaces
- Anti-slip rubber base absorbs vibration
- Alternative to rubber waffle pads
- Suits 7500–24000 Btu air conditioners
- 500 kg load capacity per set of 4

APPLICATIONS

- Air conditioner outdoor units

PRODUCT INFO

Model	RAF
Category	AC Installation & Mounting
Construction	Ø63.5 mm × 25 mm thick rubber feet Zinc-plated steel Zinc-plated mounting bolts, nuts and washers for corrosion protection outdoors Supplied as a set of 4 rubber mounts
Size range	63.5 mm

DIMENSIONS



TECHNICAL DATA

Rubber foot diameter (mm)	Foot thickness (mm)	Bolt size	Bolt height (mm)	Total height (mm)	Load capacity (kg)
63.5	25	M12	75.5	100.5	500

Specifications are subject to change without notice.

ANTI-VIBRATION RUBBER FEET



Rubber/EPDM anti-vibration feet for mounting air conditioner outdoor units, reducing vibration and noise levels.

KEY FEATURES

- Reduces vibration and noise levels
- Rubber isolation cushion for shock absorption
- Holds up to 400 kg per set of 4
- Suits 7500–48000 Btu air conditioners

APPLICATIONS

- Air conditioner outdoor units
- Split system air conditioners and heat pumps

PRODUCT INFO

Model	RA
Category	AC Installation & Mounting
Construction	Sturdy, durable rubber/EPDM Threaded mounting bolt and nut included

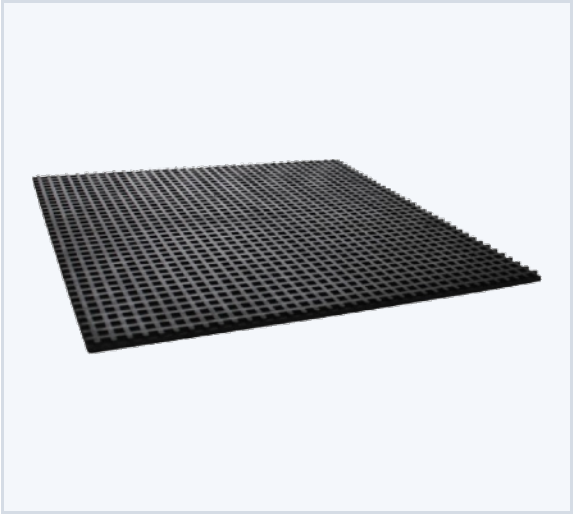
DIMENSIONS



TECHNICAL DATA

Length (mm)	Width (mm)	Base thickness (mm)	Bolt size	Total height (mm)	Suits A/C capacity (Btu)
110	50	18	M8	75	7500–48000

ANTI-VIBRATION WAFFLE PAD



A rubber/EPDM waffle pad that reduces shock, noise and vibration from air conditioning units and other equipment.

KEY FEATURES

- Grid pattern prevents rib collapse and forms suction pockets for grip on uneven surfaces
- Virtually non-slip grid pattern
- Minimises transmission of shock, noise and vibration
- Compensates for unevenness between surfaces
- High load-carrying capacity and grip, with built-in anti-contamination seal
- Oil-resistant
- Rated for loads up to 4.2 kg/cm² at 10% deflection (1 mm)

PRODUCT INFO

Model	WP
Category	AC Installation & Mounting
Construction	Rubber/EPDM

APPLICATIONS

- Air conditioning units
- Refrigerators and generators
- Other equipment and high-speed machinery

DIMENSIONS



TECHNICAL DATA

Model	Material	Size (mm)	Grid size (mm)	Quantity per carton (pcs)
WP450	Rubber/EPDM	450 × 450 × 10	8.5 × 8.5	10

Specifications are subject to change without notice.

ANTI-VIBRATION SPRING MOUNT – SINGLE RUBBER



A spring anti-vibration mount with a single rubber cup that minimises structural transmission of noise and vibration from HVAC equipment.

KEY FEATURES

- Minimises structural transmission of noise and vibration from mechanical systems
- Load-bearing support spring
- Ø60 mm × 13 mm thick non-skid rubber feet reduce noise and vibration
- Isolation performance improves with greater deflection
- Open-type mounts with extra-deep retention cups for stability
- Dual acoustic protection against transmission of high frequencies

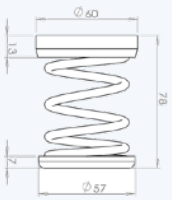
APPLICATIONS

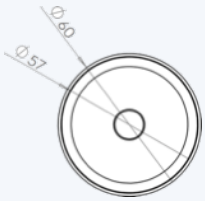
- HVAC and other mechanical equipment
- Indoor installations of lightweight equipment that need not be fully level or bolted down

PRODUCT INFO

Model	VSH
Category	AC Installation & Mounting
Construction	High-tensile spring steel Low operating stresses for longer spring life

DIMENSIONS





TECHNICAL DATA

Model	Rubber cup diameter (mm)	Rubber cup thickness (mm)	Metal cup diameter (mm)	Total height (mm)	Max. load (kg)
VSH	60	13	57	78	60

ANTI-VIBRATION SPRING MOUNT – DOUBLE RUBBER



A spring anti-vibration mount with double rubber cups that minimises structural transmission of noise and vibration from HVAC equipment.

KEY FEATURES

- Minimises structural transmission of noise and vibration from mechanical systems
- Load-bearing support spring
- Ø60 mm × 13 mm thick non-skid rubber feet reduce noise and vibration
- Isolation performance improves with greater deflection
- Open-type mounts with extra-deep retention cups for stability
- Dual acoustic protection against transmission of high frequencies

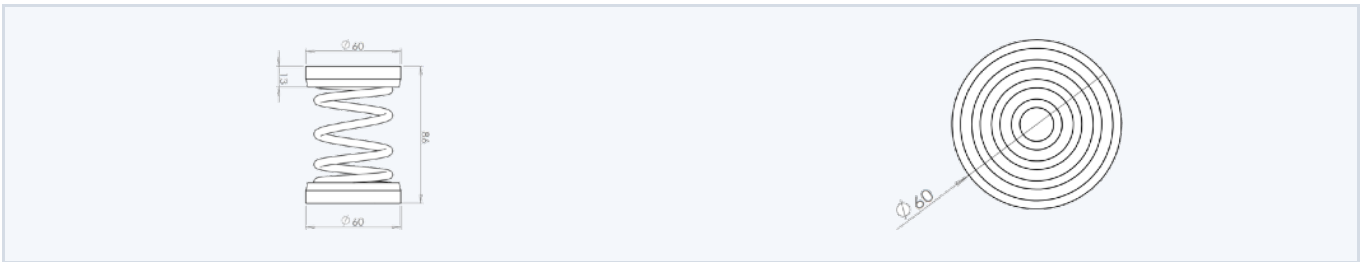
APPLICATIONS

- HVAC and other mechanical equipment
- Indoor installations of lightweight equipment that need not be fully level or bolted down

PRODUCT INFO

Model	VSH-D
Category	AC Installation & Mounting
Construction	High-tensile spring steel Low operating stresses for longer spring life

DIMENSIONS



TECHNICAL DATA

Model	Rubber cup diameter (mm)	Rubber cup thickness (mm)	Total height (mm)	Max. load (kg)
VSH-D	60	13	86	60

Specifications are subject to change without notice.

CHAPTER 09

DAMPERS & ZONING

19 products · pages 73–82







NO.	PRODUCT	CODE	PAGE
9.1	Opposed Blade Damper	**OBD**	**73**
9.2	Motorised Zone Damper	**MZD**	**74**
9.3	Zone Control Touchpad	**TP4**	**75**
9.4	8-Zone Touchpad Kit	**TP8**	**76**
9.5	Backdraft Damper	**BDD**	**77**
9.6	ABS Backdraft Damper with Gravity Flap	**ABDD**	**78**
9.7	Backdraft Damper in Metal Tube	**ABDD-MT**	**79**
9.8	Plastic Backdraft Damper	**PBDD**	**80**
9.9	Plastic Backdraft Damper in PVC Tube	**PBDD-PT**	**81**
9.10	Manual or Long-Shaft Damper	**MBD / MBDI / MZD-NM**	**82**

OPPOSED BLADE DAMPER



An aluminium opposed blade damper that mounts directly on the neck of air grilles to set airflow from fully open to fully closed.

KEY FEATURES

- Positive damper setting from fully open to fully closed
- Airflow adjusted by handle or screwdriver
- Mounts directly on the grille neck with spring steel S-clips

PRODUCT INFO

Model	OBD
Category	Dampers & Zoning
Construction	High-quality aluminium, mill finish
Size range	300 × 150 – 300 × 300 mm

DIMENSIONS

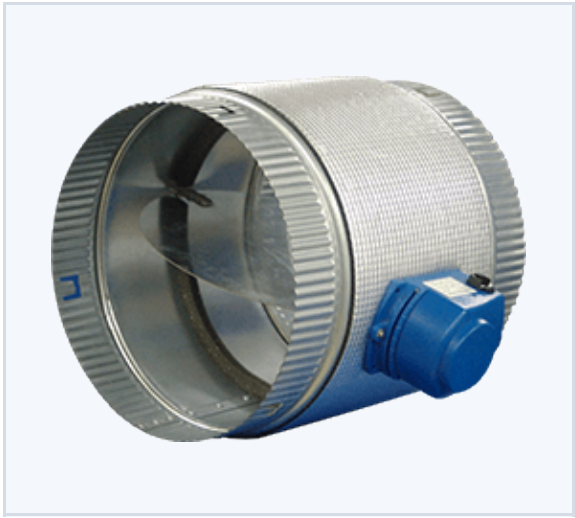


PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
300 × 150	300 × 150	10	53.5 × 31.3 × 16.3	0.0273
350 × 150	350 × 150	10	53.5 × 36.3 × 16.3	0.0317
400 × 150	400 × 150	10	53.5 × 41.3 × 16.3	0.0360
450 × 150	450 × 150	10	53.5 × 46.3 × 16.3	0.0404
500 × 150	500 × 150	10	53.5 × 51.3 × 16.3	0.0447
600 × 150	600 × 150	10	61.3 × 53.5 × 16.3	0.0535
150 × 150	150 × 150	20	53.5 × 32.0 × 16.3	0.0279
200 × 200	200 × 200	20	53.5 × 42.0 × 21.3	0.0479
250 × 250	250 × 250	10	53.5 × 26.3 × 26.3	0.0370
300 × 300	300 × 300	10	53.5 × 31.3 × 31.3	0.0524

Specifications are subject to change without notice.

MOTORISED ZONE DAMPER



A galvanised steel motorised zone damper that controls airflow from full flow to shut-off in residential and commercial duct systems.



KEY FEATURES

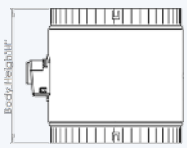
- Controls airflow from full flow to shut-off
- Default zone function ensures one zone always remains open
- Torque: 1.5 Nm (3.5 Nm available)
- Power supply: 240 V AC ±15% (24 V AC and 110 V AC available)
- Kit includes 1 × touchpad or 15 m cable
- SAA approved

APPLICATIONS

- Residential and commercial/industrial installations
- Air transfer between rooms or to atmosphere

PRODUCT INFO	
Model	MZD
Category	Dampers & Zoning
Construction	Galvanised steel with reinforcing metal ring 240 V model includes 2 m lead
Options	Touchpad with LED zone status indication and labels

DIMENSIONS





TECHNICAL DATA

Model	Power supply	Diameter D (mm)	Body height H (mm)	Quantity per carton (pcs)	Carton dimensions (cm)
MZD150	240 V or 24 V	150	230	18	61.5 × 52.5 × 48.5
MZD200	240 V or 24 V	200	275	8	51.5 × 45.5 × 57.5
MZD250	240 V or 24 V	250	275	4	62.0 × 56.0 × 30.5
MZD300	240 V or 24 V	300	315	4	71.0 × 65.0 × 34.5
MZD350	240 V or 24 V	350	345	4	81.0 × 75.0 × 37.5
MZD400	240 V or 24 V	400	395	4	91.5 × 85.0 × 42.5
MZD450	240 V or 24 V	450	450	2	100.5 × 47.5 × 47.5

ZONE CONTROL TOUCHPAD



A touchpad that provides on/off control of up to 4 zones, operating separately from the air conditioning controls.

KEY FEATURES

- On/off zoning for up to 4 zones per touchpad
- Operates separately from the air conditioning controls
- Spill (common) zone feature
- Audible key tone
- LED zone status indicator
- Kit includes 4 face covers, 20 room stickers, 1 touchpad and 1 installation guide

APPLICATIONS

- Residential and commercial reverse cycle air conditioning systems
- Air distribution systems and HVAC applications

PRODUCT INFO

Model	TP4
Category	Dampers & Zoning

PACKING INFORMATION

Connected dampers	Face size (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
1–4 rooms	117 × 73	50	48.0 × 28.0 × 23.0	0.0309

Specifications are subject to change without notice.

8-ZONE TOUCHPAD KIT

A multi-zone touchpad kit that controls up to 8 individual zones from one panel, with no separate relay hub required.



KEY FEATURES

- Individual control of up to 8 zones from one panel
- No separate relay hub required, for simple and cost-efficient installation
- Optional control from up to 3 points
- Two extra panel sockets
- Default zone function
- Green LED indicators with 3M adhesive overlay
- Plug-and-connect RJ12 sockets
- Compatible with most motorised zone dampers

PRODUCT INFO	
Model	TP8
Category	Dampers & Zoning
Construction	Plastic rear protective cover 304 stainless steel screws included
Options	Motorised zone damper (MZD) RJ12 control cable (CBLW) Transformer Extra panel (TOUCH8ES)



TOUCH8MK

8-zone touchpad kit

Main panel plus 240/24 V transformer



TOUCH8ES

8-zone extra set

Extra panel plus 20 m data cable



TOUCH4K

4-zone touchpad kit

4-zone panel plus 240/24 V transformer

KIT COMPONENTS

Code	Item	Includes	Type
TOUCH8MK	8-zone touchpad kit	Main panel plus 240/24 V transformer	8 zones + 24 V
TOUCH8ES	8-zone extra set	Extra panel plus 20 m data cable	8 zones + 20 m
TOUCH4K	4-zone touchpad kit	4-zone panel plus 240/24 V transformer	4 zones + 24 V
MZD	Motorised zone damper	3.5 Nm, suits 6" to 18" (150–450 mm) ducts, with cable	24 V or 240 V
CBLW	RJ12 cable	10 m or 15 m control cable	RJ12 + 6P6C

Specifications are subject to change without notice.

BACKDRAFT DAMPER

A spring-loaded backdraft damper for circular ducts, with a galvanised steel spigot and lightweight aluminium blades.

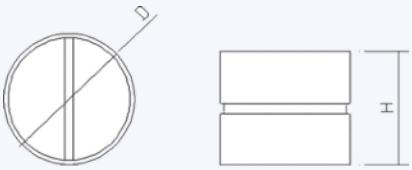


KEY FEATURES

- Regulates or shuts off airflow in circular ducts
- One-way directional airflow design
- Spring-loaded for positive closure
- Designed for vertical or horizontal mounting
- Nine sizes from Ø100 mm to Ø400 mm (4" to 16")

PRODUCT INFO	
Model	BDD
Category	Dampers & Zoning
Construction	Galvanised steel spigot with lightweight aluminium blades
Size range	100 – 400 mm

DIMENSIONS

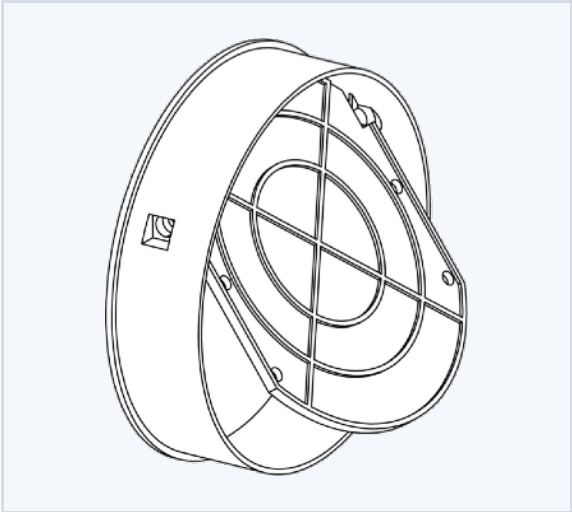


PACKING INFORMATION

Diameter D (mm)	Height H (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
100	130	96	60.5 × 40.5 × 45.5	0.1115
125	130	80	63.0 × 50.5 × 45.5	0.1448
150	130	64	60.5 × 60.5 × 45.5	0.1665
160	130	64	64.5 × 64.5 × 45.5	0.1893
200	130	36	60.5 × 60.5 × 45.5	0.1665
250	130	16	50.5 × 50.5 × 45.5	0.1160
300	130	16	60.5 × 60.5 × 45.5	0.1665
315	130	16	63.5 × 63.5 × 45.5	0.1835
400	130	8	80.5 × 40.5 × 45.5	0.1483

Specifications are subject to change without notice.

ABS BACKDRAFT DAMPER WITH GRAVITY FLAP



An injection-moulded plastic backdraft damper with gravity flap, for fitting into round vent necks and duct tubes.

KEY FEATURES

- Three sizes to suit 100, 125 and 150 mm round ducts
- Injection-moulded white plastic with gravity flap
- Two inset rubber pads reduce noise when the flap closes
- Easy installation into the CVG-N vent or duct tube

APPLICATIONS

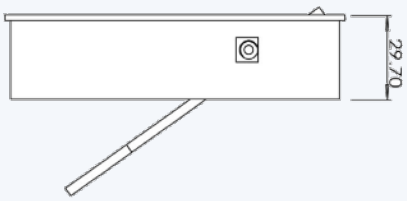
- Installs in plastic or metal tubes with rivets or solvent cement
- Fits the round necks of other air vents

PRODUCT INFO

Model	ABDD
Category	Dampers & Zoning
Construction	Injection-moulded ABS or ASA plastic
Size range	Ø91 – Ø141 mm
Options	Custom colours available on request Special-purpose raw materials on request, such as flame-retardant grades

DIMENSIONS

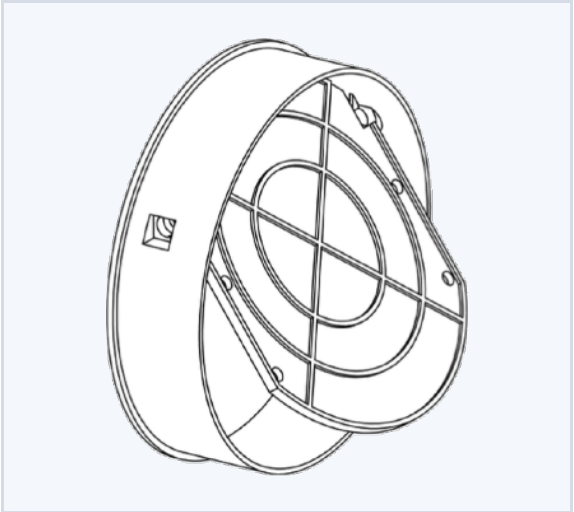




PACKING INFORMATION

Neck size D (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø91	95 × 95	60	30.0 × 30.0 × 21.0	0.0189
Ø116	120 × 120	60	36.0 × 30.0 × 26.0	0.0281
Ø141	145 × 145	60	45.0 × 30.0 × 31.0	0.0419

BACKDRAFT DAMPER IN METAL TUBE



A plastic gravity-flap backdraft damper housed in a metal tube, for round ducts of 100, 125 and 150 mm.

KEY FEATURES

- Three sizes for 100, 125 and 150 mm round necks
- Plastic damper with gravity flap housed in a metal tube
- Custom lengths available

PRODUCT INFO

Model	ABDD-MT
Category	Dampers & Zoning
Construction	Damper injection-moulded from white ABS or ASA plastic Metal outer tube: galvanised steel, aluminised steel or stainless steel as required
Size range	Ø100 – Ø150 mm
Options	Custom tube lengths Custom colours available on request Special-purpose raw materials on request, such as flame-retardant grades

DIMENSIONS

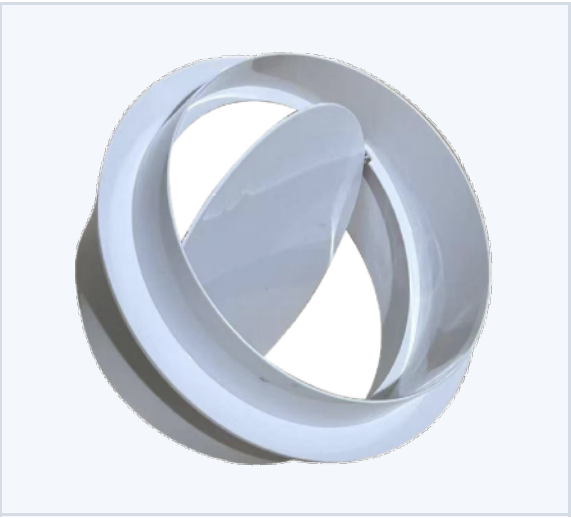


PACKING INFORMATION

Neck size D (mm)	Length L (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø100	230 (custom lengths available)	25	51.5 × 51.5 × 24.5	0.0650
Ø125	230 (custom lengths available)	16	51.5 × 51.5 × 24.5	0.0650
Ø150	230 (custom lengths available)	18	46.5 × 46.5 × 48.0	0.1038

Specifications are subject to change without notice.

PLASTIC BACKDRAFT DAMPER



A plastic backdraft damper with gravity flap that inserts fully into PVC or flexible ducts, in sizes from 75 to 200 mm.

KEY FEATURES

- Simple installation: entire assembly inserts into the duct
- Gravity flap for positive closure
- Designed for horizontal mounting
- Sizes from 75 mm to 200 mm diameter

PRODUCT INFO

Model	PBDD
Category	Dampers & Zoning
Construction	ABS or PVC plastic body and damper blades
Size range	75 – 200 mm

DIMENSIONS



TECHNICAL DATA

Diameter D (mm)	Height H (mm)	Spigot OD (mm)	Spigot ID (mm)	Suits ducts (mm)
75	82	70	67	75 PVC / 70 flexible
110	103	103	99	110 PVC / 110 flexible
160	125	152	148	160 PVC / 160 flexible
180	135	171	167	180 PVC / 180 flexible
200	145	188	182	200 PVC / 190 flexible

Other sizes available on request.

PLASTIC BACKDRAFT DAMPER IN PVC TUBE





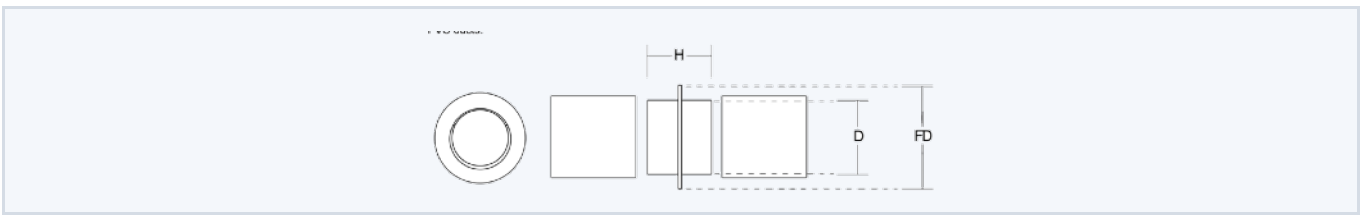
A gravity-flap backdraft damper in a PVC tube, with both ends connecting to PVC ducts, in sizes from 75 to 200 mm.

KEY FEATURES

- Simple installation: entire assembly inserts into the duct
- Both ends connect to PVC ducts
- Gravity flap for positive closure
- Designed for horizontal mounting
- Sizes from 75 mm to 200 mm diameter

PRODUCT INFO	
Model	PBDD-PT
Category	Dampers & Zoning
Construction	ABS or PVC plastic body and damper blades
Size range	75 – 200 mm

DIMENSIONS



TECHNICAL DATA

Diameter D (mm)	Height H (mm)	Spigot OD (mm)	Spigot ID (mm)	Flange diameter FD (mm)	Suits ducts (mm)
75	82	70	67	83	75 PVC / 70 flexible
110	103	103	99	120	110 PVC / 110 flexible
160	125	152	148	180	160 PVC / 160 flexible
180	135	171	167	215	180 PVC / 180 flexible
200	145	188	182	225	200 PVC / 190 flexible

Other sizes available on request.

Specifications are subject to change without notice.

MANUAL OR LONG-SHAFT DAMPER





A galvanised steel volume control damper with a manual handle or long shaft, controlling airflow from full flow to shut-off.

KEY FEATURES

- Controls airflow from full flow to shut-off
- Metal manual control handle or long shaft to suit a Belimo actuator

APPLICATIONS

- Airflow control
- Air transfer between rooms or to atmosphere
- Residential and commercial/industrial construction

PRODUCT INFO

Model	MBD / MBDI / MZD-NM
Category	Dampers & Zoning
Construction	Galvanised steel
Size range	150 – 450 mm
Options	MBD: uninsulated; MBDI: insulated

PACKING INFORMATION

Neck size (mm)	Inner box (cm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
150	20.0 × 17.0 × 23.5	18	61.5 × 52.5 × 48.5	0.1566
200	25.0 × 22.0 × 28.0	8	51.5 × 45.5 × 57.5	0.1347
250	30.0 × 27.0 × 28.0	4	62.0 × 56.0 × 30.5	0.1059
300	34.5 × 31.5 × 32.0	4	71.0 × 65.0 × 34.5	0.1592
350	39.5 × 36.5 × 35.0	4	81.0 × 75.0 × 37.5	0.2278
400	44.5 × 41.5 × 40.0	4	91.5 × 85.0 × 42.5	0.3305
450	47.5 × 47.5 × 46.0	2	100.5 × 47.5 × 47.5	0.2268

CHAPTER 10

LOUVRES & OTHERS

11 products · pages 84–91

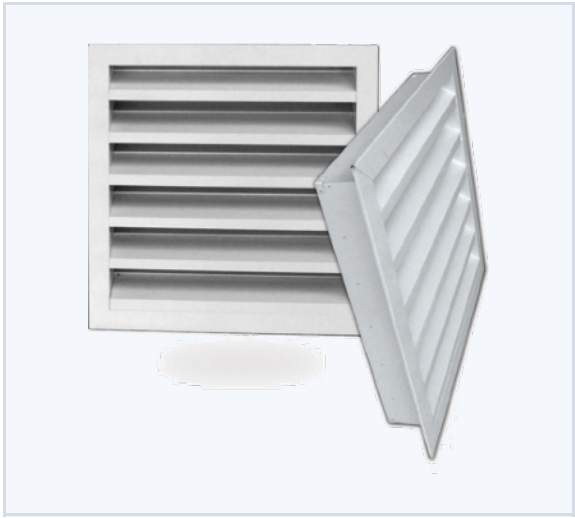






NO.	PRODUCT	CODE	PAGE
10.1	Weatherproof Louvre – 100 mm Deep	**WPL-100**	**84**
10.2	Weatherproof Louvre – 50 mm Deep	**WPL-50**	**85**
10.3	Round Weatherproof Louvre	**RWPL**	**86**
10.4	Dump Diffuser	**DD**	**87**
10.5	Plaque Diffuser	**PD**	**88**
10.6	Floor Register	**FR**	**89**
10.7	Door Grille	**DG**	**90**
10.8	Metal Round Diffuser (Air Disc Valve)	**RD-2M**	**91**

WEATHERPROOF LOUVRE – 100 MM DEEP



A fixed-blade weatherproof louvre, 100 mm deep, mounted in exterior walls for exhaust air or fresh air intake.

KEY FEATURES

- Series of 45° blades fixed in the 100 mm deep centre of the louvre
- Protects against driving rain while permitting airflow
- Prevents leaves and birds from entering the ventilation system
- Insect screen fixed to the back of the grille

APPLICATIONS

- Exterior walls, for exhaust air or air intake
- Keeps rain, snow and other weather-borne elements from entering the building and interfering with damper operation
- Exterior walls of factories, warehouses, shopping malls and other large buildings

PRODUCT INFO

Model	WPL-100
Category	Louvres & Others
Construction	Natural anodised aluminium
Size range	1000 × 1000 – 2500 × 800 mm
Options	Air filter insert Custom colours available on request

DIMENSIONS

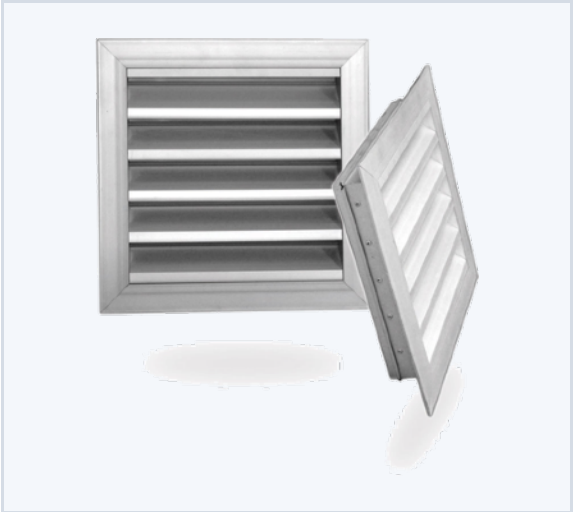




TECHNICAL DATA

Neck size (mm)	Face size L1 × W1 (mm)
1000 × 1000	1098 × 1098
1800 × 2000	1898 × 2098
2500 × 800	2598 × 898

WEATHERPROOF LOUVRE – 50 MM DEEP



A fixed-blade weatherproof louvre, 50 mm deep, mounted in exterior walls for exhaust air or fresh air intake.

KEY FEATURES

- Series of 45° blades fixed in the centre of the louvre
- Protects against driving rain while permitting airflow
- Prevents leaves and birds from entering the ventilation system
- Insect screen fixed to the back of the grille

APPLICATIONS

- Exterior walls, for supply air intake or exhaust air

PRODUCT INFO	
Model	WPL-50
Category	Louvres & Others
Construction	Natural anodised aluminium
Size range	150 × 150 – 600 × 600 mm
Options	Air filter insert Custom colours available on request

DIMENSIONS



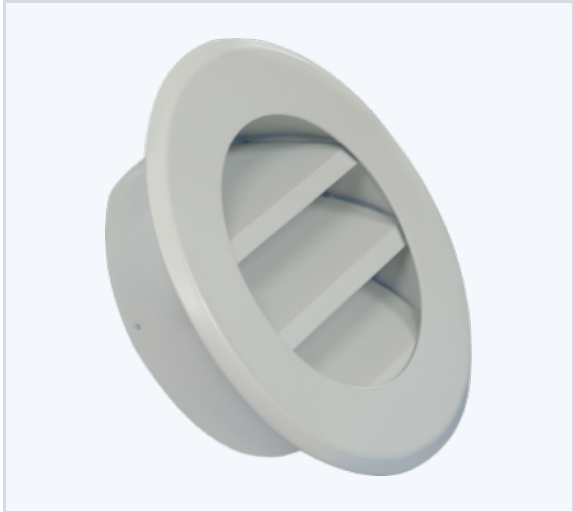
PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
150 × 150	210 × 210	20	53.0 × 40.5 × 22.5	0.0483
200 × 200	260 × 260	20	53.0 × 51.5 × 28.0	0.0764
225 × 175	285 × 235	10	55.5 × 53.0 × 24.5	0.0721
250 × 250	310 × 310	10	53.0 × 32.0 × 32.5	0.0551
300 × 300	360 × 360	10	53.0 × 37.5 × 38.0	0.0755
350 × 350	410 × 410	10	53.0 × 42.0 × 42.5	0.0946
390 × 190	450 × 250	10	53.0 × 46.0 × 26.5	0.0646
400 × 400	460 × 460	10	53.0 × 47.0 × 47.5	0.1183
600 × 600	660 × 660	10	67.0 × 53.0 × 67.5	0.2397

Custom sizes available on request.

Specifications are subject to change without notice.

ROUND WEATHERPROOF LOUVRE



A round fixed louvre for external wall installation, offering an alternative to rectangular weatherproof louvres.

KEY FEATURES

- Easy installation via two screw holes

APPLICATIONS

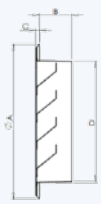
- External walls

PRODUCT INFO

Model	RWPL
Category	Louvres & Others
Construction	Galvanised steel and aluminium construction
Options	Insect screen available

DIMENSIONS

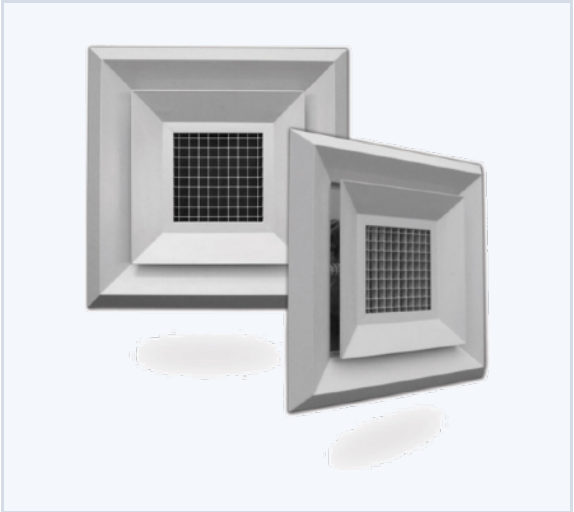




TECHNICAL DATA

Model	Diameter D (mm)	Face size A (mm)	Neck height B (mm)	Cover height C (mm)	Quantity per carton (pcs)	Carton dimensions (cm)
RWPL150	150	230	55	6	10	59.5 × 21.5 × 21.5
RWPL200	200	280	55	6	10	59.5 × 27.0 × 27.0
RWPL250	250	330	55	6	10	59.5 × 32.0 × 21.5
RWPL300	300	380	55	6	10	59.5 × 21.5 × 21.5

DUMP DIFFUSER



A ceiling dump diffuser with removable eggcrate core, delivering long downward airflow in high ceilings and roof-mounted installations.

KEY FEATURES

- Fully removable central core for easy installation, removal and maintenance
- Bevelled margin frame with eggcrate core
- Long downward airflow for roof-mounted installations

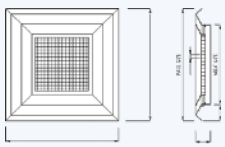
APPLICATIONS

- Open-ceiling environments such as factories, warehouses and shopping malls
- Staircases and high modular ceiling systems
- Roof-mounted installations

PRODUCT INFO

Model	DD
Category	Louvres & Others
Construction	Aluminium with white powder-coat finish
Size range	225 × 225 / 200 – 450 × 450 / 375 mm
Options	Supply or return air damper Custom colours available on request

DIMENSIONS

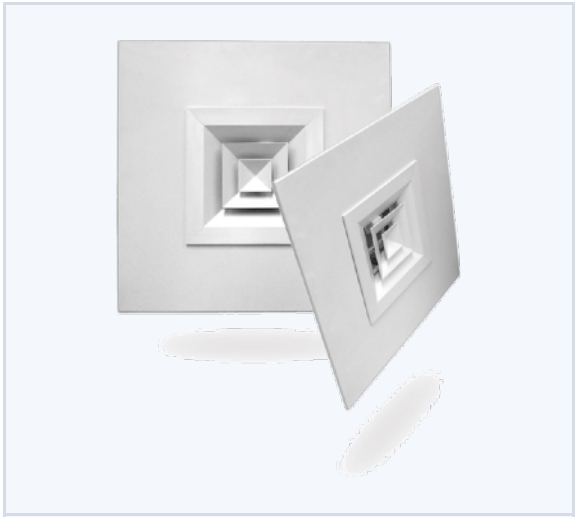


PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
225 × 225 / 200	335 × 335	10	58.0 × 35.0 × 35.0	0.0711
300 × 300 / 200	410 × 410	10	58.0 × 42.5 × 42.5	0.1048
300 × 300 / 250	410 × 410	10	58.0 × 42.5 × 42.5	0.1048
375 × 375 / 200	485 × 485	10	58.0 × 50.0 × 50.0	0.1450
375 × 375 / 250	485 × 485	10	58.0 × 50.0 × 50.0	0.1450
375 × 375 / 300	485 × 485	10	58.0 × 50.0 × 50.0	0.1450
450 × 450 / 250	560 × 560	8	58.0 × 57.5 × 57.5	0.1918
450 × 450 / 300	560 × 560	8	58.0 × 57.5 × 57.5	0.1918
450 × 450 / 375	560 × 560	8	58.0 × 57.5 × 57.5	0.1918

Specifications are subject to change without notice.

PLAQUE DIFFUSER



A two-part ceiling diffuser combining a flush-frame diffuser with a mounting panel, sized to suit standard ceiling modules.

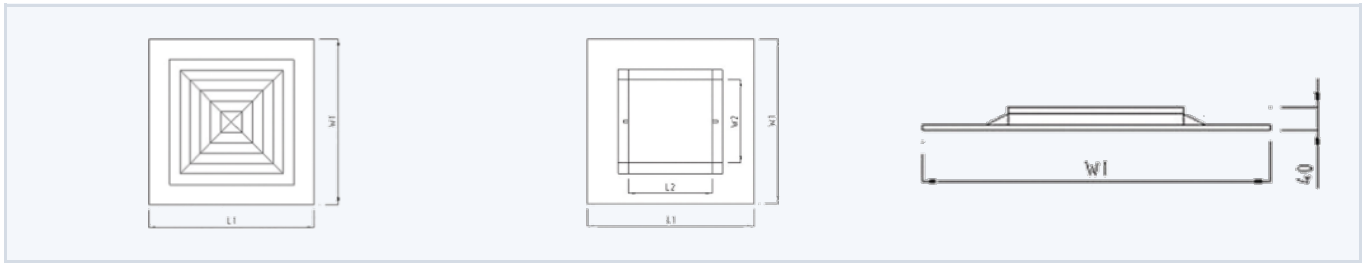
KEY FEATURES

- Two-part system: flush-frame ceiling diffuser and aluminium or steel mounting panel
- Core section designed for easy installation, removal and maintenance
- Same size as standard ceiling modules, making them freely interchangeable

PRODUCT INFO

Model	PD
Category	Louvres & Others
Construction	Steel with white powder-coat finish
Size range	150 × 150 – 375 × 375 mm
Options	Painted finishes in standard colours available on request

DIMENSIONS

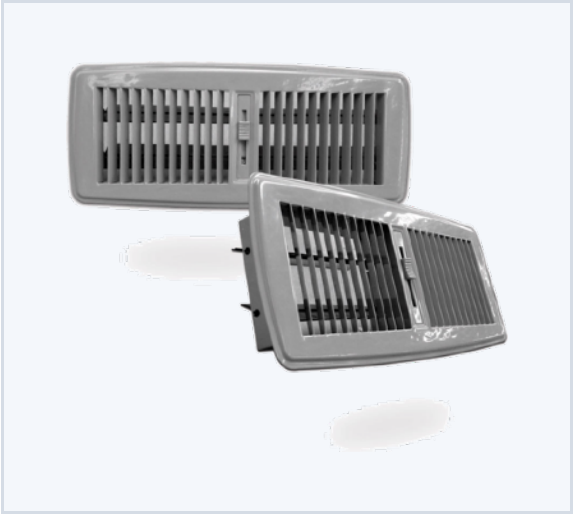


PACKING INFORMATION

Neck size L2 × W2 (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
150 × 150	595 × 595	8	61.0 × 46.5 × 61.0	0.1730
225 × 225	595 × 595	8	61.0 × 46.5 × 61.0	0.1730
300 × 300	595 × 595	8	61.0 × 46.5 × 61.0	0.1730
375 × 375	595 × 595	8	61.0 × 46.5 × 61.0	0.1730

FLOOR REGISTER

A floor register with twin multi-blade damper for residential and commercial reverse cycle air conditioning and air distribution systems.



KEY FEATURES

- Twin multi-blade damper control
- Easy to clean and install

APPLICATIONS

- Residential and commercial reverse cycle air conditioning systems
- Air distribution systems and general HVAC applications

PRODUCT INFO

Model	FR
Category	Louvres & Others
Construction	Galvanised steel with gloss powder-coat finish
Size range	300 × 100 – 350 × 150 mm
Options	Painted finishes in standard colours available on request Uni or oval plastic boot

DIMENSIONS



PACKING INFORMATION

Neck size (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
300 × 100	10	43.0 × 36.0 × 15.5	0.0240
350 × 150	10	43.0 × 42.0 × 22.0	0.0397

Specifications are subject to change without notice.

DOOR GRILLE



A full-chevron, sight-proof transfer grille supplied with back frame for doors and partitions 30 to 60 mm thick.

KEY FEATURES

- Full chevron type, supplied with back frame
- Inverted-V blades provide a sight-proof design
- Designed to install in standard doors 30 to 60 mm thick

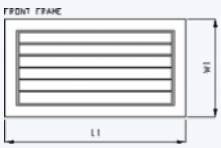
APPLICATIONS

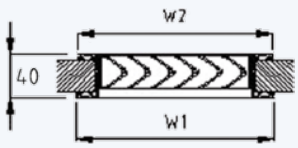
- Doors and partitions

PRODUCT INFO

Model	DG
Category	Louvres & Others
Construction	Natural anodised aluminium
Size range	300 × 150 – 600 × 600 mm
Options	Painted finishes in standard colours available on request

DIMENSIONS





PACKING INFORMATION

Neck size L2 × W2 (mm)	Face size L1 × W1 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
300 × 150	300 × 150	10	50.0 × 35.5 × 20.5	0.0364
500 × 100	500 × 100	10	55.5 × 50.0 × 15.5	0.0430
500 × 150	500 × 150	10	55.5 × 50.0 × 20.5	0.0569
600 × 150	600 × 150	10	65.5 × 50.0 × 20.5	0.0671
600 × 200	600 × 200	10	65.5 × 50.0 × 25.5	0.0835
600 × 250	600 × 250	10	65.5 × 50.0 × 30.5	0.0999
600 × 300	600 × 300	10	65.5 × 50.0 × 35.5	0.1163
600 × 400	600 × 400	10	65.5 × 50.0 × 45.5	0.1490
600 × 450	600 × 450	10	65.5 × 50.0 × 50.5	0.1654
600 × 600	600 × 600	10	65.5 × 50.0 × 65.5	0.2145

Specifications are subject to change without notice.

METAL ROUND DIFFUSER (AIR DISC VALVE)



A round disc valve diffuser with adjustable inner plate, suited to rooms with high humidity such as kitchens and bathrooms.

KEY FEATURES

- Two-part design: outer disc frame and raised inner plate
- Inner plate screw-connected to the frame and turned to adjust airflow
- Easy installation, removal and maintenance

APPLICATIONS

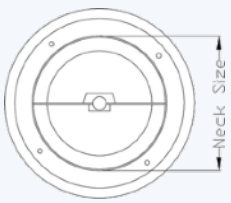
- Rooms with high humidity, such as kitchens and bathrooms

PRODUCT INFO

Model	RD-2M
Category	Louvres & Others
Construction	Aluminium with white powder-coat finish
Size range	Ø100 – Ø200 mm
Options	Painted finishes in standard colours available on request

DIMENSIONS





PACKING INFORMATION

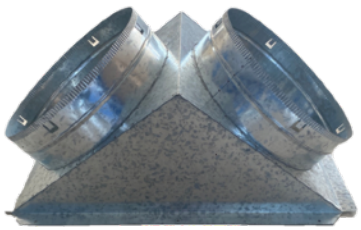
Neck size (mm)	Face size (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
Ø100	Ø140	80	57.2 × 57.2 × 38.0	0.1243
Ø150	Ø200	80	86.0 × 86.0 × 38.0	0.2810
Ø200	Ø250	80	102.0 × 102.0 × 38.0	0.3954

Specifications are subject to change without notice.

CHAPTER 11

METAL BOXES & FITTINGS

17 products · pages 93–103







NO.	PRODUCT	CODE	PAGE
11.1	Metal Boxes	**RAG Box / C-Box / V-Box / Uni-Box**	**93**
11.2	Metal Branch Take-Offs & Y-Pieces	**MB / MDB / MY**	**94**
11.3	Side-Entry Plenum Box for Swirl Diffuser	**SWD-BOX**	**96**
11.4	Plenum Box for Linear Slot Diffuser	**UBT**	**97**
11.5	Neck Adaptor for EG	**NA-EG**	**98**
11.6	Neck Adaptor for LD (Square to Square)	**NA-LD-STS**	**99**
11.7	Neck Adaptor for LD (Square to Round)	**NA-LD-STR**	**100**
11.8	Neck Adaptor for BD	**NA-BD**	**101**
11.9	Neck Adaptor for HCG or WPL	**NA-HCG / NA-WPL**	**102**
11.10	Duct-Mounted Filter Box	**DFB**	**103**

METAL BOXES

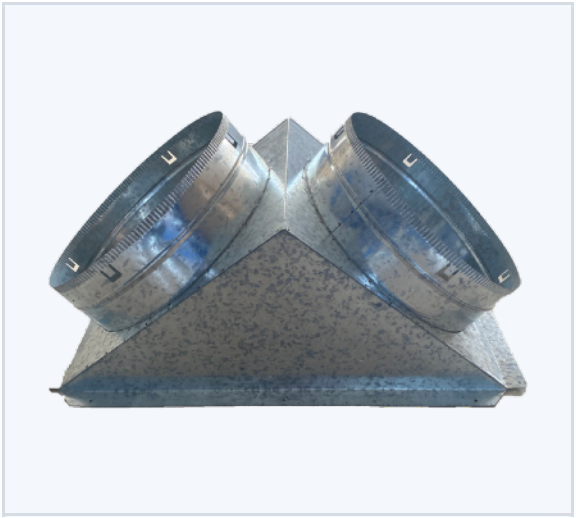
Made-to-order galvanised steel boxes and plenums connecting grilles, diffusers, louvres and AC units to the ductwork.

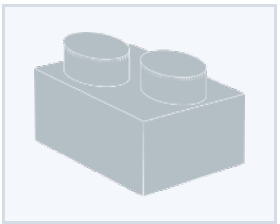
KEY FEATURES

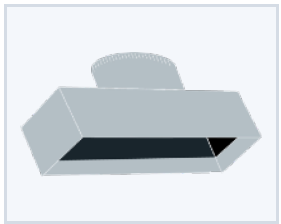
- Types: RAG Box (return air grille), C-Box (plenum), V-Box, Uni-Box (unit) and side boot
- Top-entry or side spigots
- AC unit plenums available with multi-discharge spigots
- Flanged or unflanged
- Suits grilles, diffusers, louvres and AC units

APPLICATIONS

- Open-ceiling environments such as factories, warehouses, shopping malls and other large open spaces







PRODUCT INFO	
Model	RAG Box / C-Box / V-Box / Uni-Box
Category	Metal Boxes & Fittings
Construction	Galvanised steel Generally made to order; some items held in stock
Options	Custom sizes to suit the client's ductwork

Specifications are subject to change without notice.

METAL BRANCH TAKE-OFFS & Y-PIECES



Galvanised steel branch fittings for round ductwork that split one main duct into one or two branches for flexible duct connections.

KEY FEATURES

- Single branch take-off (MB), double branch take-off (MDB) and Y-piece (MY) configurations
- Inlet sizes Ø300, Ø350 and Ø400 mm (12, 14 and 16 in)
- Branch outlets from Ø150 to Ø400 mm
- Angled branch outlets for a smooth transition into the branch duct

APPLICATIONS

- Supply and return air distribution in residential and commercial ducted systems

PRODUCT INFO	
Model	MB / MDB / MY
Category	Metal Boxes & Fittings
Construction	Galvanised steel
Options	Insulated versions available Other sizes made to order



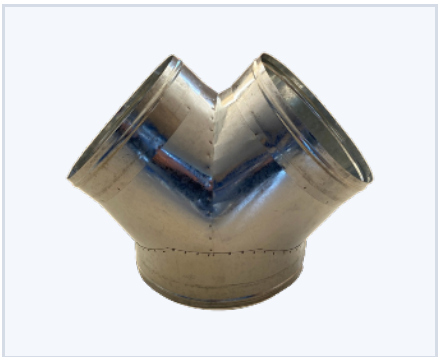
MB
Single Branch Take-Off

Straight-through main duct with one angled branch



MDB
Double Branch Take-Off

Straight-through main duct with two opposed angled branches



MY
Y-Piece

One inlet divided into two angled outlets

SINGLE BRANCH TAKE-OFF (MB)

Code	Size (in)	Size (mm)
MB1288	12 × 8 × 8	300 × 200 × 200
MB12106	12 × 10 × 6	300 × 250 × 150
MB12108	12 × 10 × 8	300 × 250 × 200
MB121010	12 × 10 × 10	300 × 250 × 250
MB12128	12 × 12 × 8	300 × 300 × 200
MB121210	12 × 12 × 10	300 × 300 × 250
MB121212	12 × 12 × 12	300 × 300 × 300
MB1488	14 × 8 × 8	350 × 200 × 200
MB14108	14 × 10 × 8	350 × 250 × 200
MB141010	14 × 10 × 10	350 × 250 × 250
MB14128	14 × 12 × 8	350 × 300 × 200
MB141210	14 × 12 × 10	350 × 300 × 250
MB141212	14 × 12 × 12	350 × 300 × 300
MB14148	14 × 14 × 8	350 × 350 × 200
MB141410	14 × 14 × 10	350 × 350 × 250
MB141412	14 × 14 × 12	350 × 350 × 300
MB141414	14 × 14 × 14	350 × 350 × 350
MB161010	16 × 10 × 10	400 × 250 × 250
MB16128	16 × 12 × 8	400 × 300 × 200
MB161210	16 × 12 × 10	400 × 300 × 250
MB161212	16 × 12 × 12	400 × 300 × 300
MB16148	16 × 14 × 8	400 × 350 × 200
MB161410	16 × 14 × 10	400 × 350 × 250
MB161412	16 × 14 × 12	400 × 350 × 300
MB161414	16 × 14 × 14	400 × 350 × 350
MB16168	16 × 16 × 8	400 × 400 × 200
MB161610	16 × 16 × 10	400 × 400 × 250
MB161612	16 × 16 × 12	400 × 400 × 300
MB161614	16 × 16 × 14	400 × 400 × 350
MB161616	16 × 16 × 16	400 × 400 × 400

Size order: inlet × through × branch

Sizes are nominal round duct diameters. Other sizes made to order.

DOUBLE BRANCH TAKE-OFF (MDB)

Code	Size (in)	Size (mm)
MDB12888	12 × 8 × 8 × 8	300 × 200 × 200 × 200
MDB121088	12 × 10 × 8 × 8	300 × 250 × 200 × 200
MDB12101010	12 × 10 × 10 × 10	300 × 250 × 250 × 250
MDB14888	14 × 8 × 8 × 8	350 × 200 × 200 × 200
MDB141088	14 × 10 × 8 × 8	350 × 250 × 200 × 200
MDB14101010	14 × 10 × 10 × 10	350 × 250 × 250 × 250
MDB141288	14 × 12 × 8 × 8	350 × 300 × 200 × 200
MDB14121010	14 × 12 × 10 × 10	350 × 300 × 250 × 250
MDB14121212	14 × 12 × 12 × 12	350 × 300 × 300 × 300
MDB14141010	14 × 14 × 10 × 10	350 × 350 × 250 × 250
MDB16101010	16 × 10 × 10 × 10	400 × 250 × 250 × 250
MDB16121010	16 × 12 × 10 × 10	400 × 300 × 250 × 250
MDB16121212	16 × 12 × 12 × 12	400 × 300 × 300 × 300
MDB16141010	16 × 14 × 10 × 10	400 × 350 × 250 × 250
MDB16141212	16 × 14 × 12 × 12	400 × 350 × 300 × 300
MDB16141414	16 × 14 × 14 × 14	400 × 350 × 350 × 350

Size order: inlet × through × branch × branch

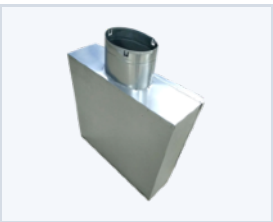
Y-PIECE (MY)

Code	Size (in)	Size (mm)
MY1288	12 × 8 × 8	300 × 200 × 200
MY121010	12 × 10 × 10	300 × 250 × 250
MY121212	12 × 12 × 12	300 × 300 × 300
MY1488	14 × 8 × 8	350 × 200 × 200
MY141010	14 × 10 × 10	350 × 250 × 250
MY141212	14 × 12 × 12	350 × 300 × 300
MY141414	14 × 14 × 14	350 × 350 × 350
MY161010	16 × 10 × 10	400 × 250 × 250
MY161212	16 × 12 × 12	400 × 300 × 300
MY161414	16 × 14 × 14	400 × 350 × 350
MY161616	16 × 16 × 16	400 × 400 × 400

Size order: inlet × outlet × outlet

SIDE-ENTRY PLENUM BOX FOR SWIRL DIFFUSER





An insulated galvanised steel plenum box with side spigot, made to suit 595 × 595 swirl diffusers in suspended ceilings.

KEY FEATURES

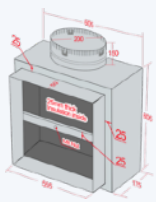
- Side-entry round spigot Ø200 mm for flexible duct connection
- Internal support bar with M8 nut for diffuser fixing
- 25 mm flange

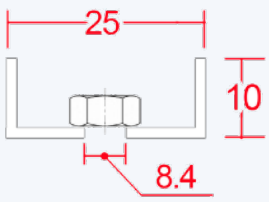
APPLICATIONS

- Supply air connection for 595 × 595 swirl diffusers in suspended ceilings

PRODUCT INFO	
Model	SWD-BOX
Category	Metal Boxes & Fittings
Construction	Galvanised steel 25 mm thick internal insulation, black facing Support channel section 25 × 10 mm with 8.4 mm hole
Options	Custom sizes available on request

DIMENSIONS





DIMENSIONS

Model	Suits diffuser (mm)	Box size (mm)	Internal opening (mm)	Depth (mm)	Side spigot (mm)	Spigot length (mm)	Flange (mm)	Insulation thickness (mm)
SWD-BOX	595 × 595 / 545	605 × 605	555	175	Ø200	150	25	25

Specifications are subject to change without notice.

PLENUM BOX FOR LINEAR SLOT DIFFUSER

PRODUCT INFO	
Model	UBT
Category	Metal Boxes & Fittings
Construction	Galvanised steel Internal insulation, 5 mm thick as annotated on drawing
Options	Custom sizes available on request

An insulated plenum box with single side spigot and bottom slot outlet, made to suit linear slot diffusers.

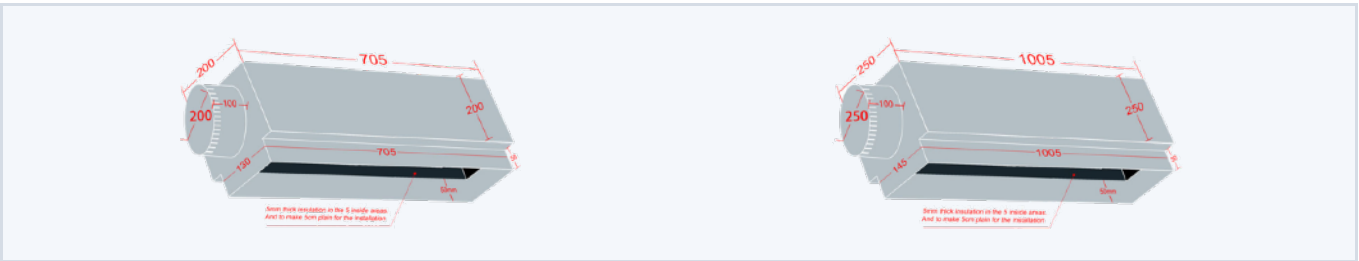
KEY FEATURES

- Single round side spigot for duct connection
- Bottom slot outlet matching the box length
- Two standard models: 705 mm and 1005 mm long

APPLICATIONS

- Supply air connection for linear slot diffusers in suspended ceilings

DIMENSIONS



DIMENSIONS

Model	Length (mm)	Height (mm)	Width at slot side (mm)	Side spigot (mm)	Spigot length (mm)	Slot outlet (mm)
UBT-705X130/1X200	705	200	130	Ø200	100	705 × 50
UBT-1005X145/1X250	1005	250	145	Ø250	100	1005 × 50

Drawing note: 5 mm thick insulation in the 5 inside areas; 5 cm plain for installation.

NECK ADAPTOR FOR EG



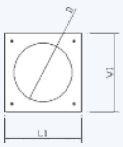
A galvanised steel neck adaptor connecting EG series diffusers to flexible duct.

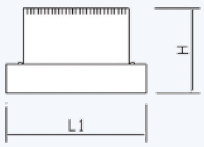
KEY FEATURES

- Connects the diffuser to flexible duct
- Suits EG series diffusers
- Easy installation, removal and maintenance

PRODUCT INFO	
Model	NA-EG
Category	Metal Boxes & Fittings
Construction	Galvanised steel with matt black interior finish
Size range	150 – 300 mm
Options	Painted finishes in standard colours available on request

DIMENSIONS



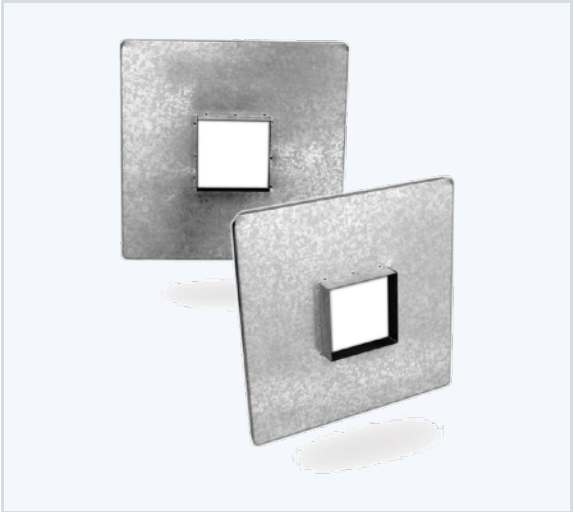


PACKING INFORMATION

Neck size D (mm)	Face size L1 × W1 (mm)	Height H (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
150	150 × 150	125	30	58.5 × 32.0 × 47.0	0.0880
150	200 × 200	125	30	58.5 × 42.0 × 56.5	0.1388
200	200 × 200	125	30	58.5 × 42.0 × 62.0	0.1523
200	225 × 225	125	30	58.5 × 47.0 × 65.5	0.1801
150	250 × 250	125	10	58.5 × 51.0 × 27.0	0.0806
200	250 × 250	125	10	58.5 × 51.0 × 27.0	0.0806
150	300 × 300	125	10	61.0 × 58.5 × 32.0	0.1142
200	300 × 300	125	10	61.0 × 58.5 × 32.0	0.1142
250	300 × 300	125	10	61.0 × 58.5 × 32.0	0.1142
300	300 × 300	125	10	61.0 × 58.5 × 32.0	0.1142

Specifications are subject to change without notice.

NECK ADAPTOR FOR LD (SQUARE TO SQUARE)



A galvanised steel square-to-square neck adaptor connecting LD series lay-in diffusers to flexible duct.

KEY FEATURES

- Connects the diffuser to flexible duct via a square spigot
- Suits LD series diffusers
- Easy installation, removal and maintenance

APPLICATIONS

- Lay-in diffusers

PRODUCT INFO	
Model	NA-LD-STS
Category	Metal Boxes & Fittings
Construction	Galvanised steel with matt black interior finish
Size range	150 × 150 – 375 × 375 mm
Options	Custom colours available on request

DIMENSIONS

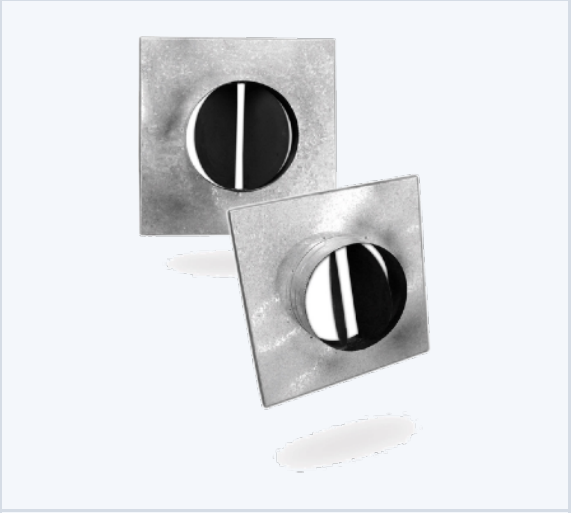


PACKING INFORMATION

Neck size (mm)	Face size L1 × W1 (mm)	Height H (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
150 × 150	450 × 450	45	10	46.5 × 46.5 × 46.5	0.1005
200 × 200	450 × 450	45	10	46.5 × 46.5 × 46.5	0.1005
250 × 250	450 × 450	45	10	46.5 × 46.5 × 46.5	0.1005
300 × 300	450 × 450	45	10	46.5 × 46.5 × 46.5	0.1005
350 × 350	450 × 450	45	10	46.5 × 46.5 × 46.5	0.1005
375 × 375	450 × 450	45	10	46.5 × 46.5 × 46.5	0.1005

Specifications are subject to change without notice.

NECK ADAPTOR FOR LD (SQUARE TO ROUND)



A galvanised steel square-to-round neck adaptor connecting LD series diffusers to flexible duct.

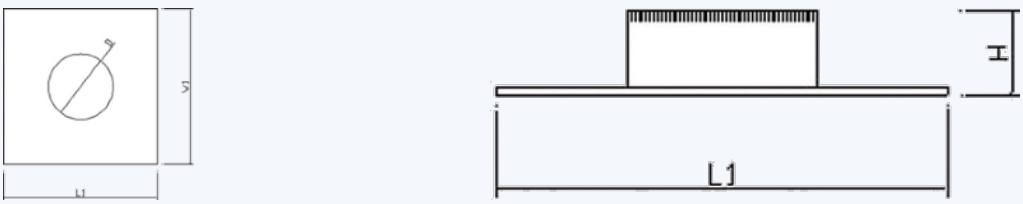
KEY FEATURES

- Connects the diffuser to flexible duct
- Suits LD series diffusers
- Easy installation, removal and maintenance

PRODUCT INFO

Model	NA-LD-STR
Category	Metal Boxes & Fittings
Construction	Galvanised steel with matt black interior finish
Size range	150 – 350 mm

DIMENSIONS

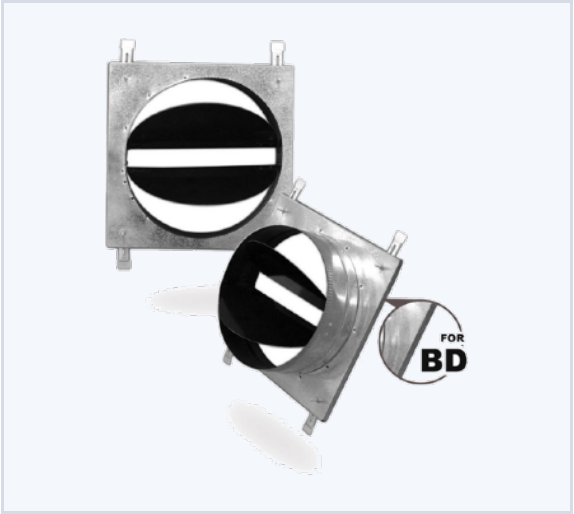


PACKING INFORMATION

Neck size D (mm)	Face size L1 × W1 (mm)	Height H (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
150	450 × 450	110	5	49.0 × 46.5 × 46.5	0.1060
200	450 × 450	110	5	49.0 × 46.5 × 46.5	0.1060
250	450 × 450	110	5	49.0 × 46.5 × 46.5	0.1060
300	450 × 450	110	5	49.0 × 46.5 × 46.5	0.1060
350	450 × 450	110	5	49.0 × 46.5 × 46.5	0.1060

NECK ADAPTOR FOR BD

A galvanised steel neck adaptor connecting BD series diffusers to flexible duct.



KEY FEATURES

- Connects the diffuser to flexible duct
- Suits BD series diffusers
- Easy installation, removal and maintenance

PRODUCT INFO

Model	NA-BD
Category	Metal Boxes & Fittings
Construction	Galvanised steel with matt black interior finish
Size range	200 – 350 mm
Options	Custom colours available on request

DIMENSIONS

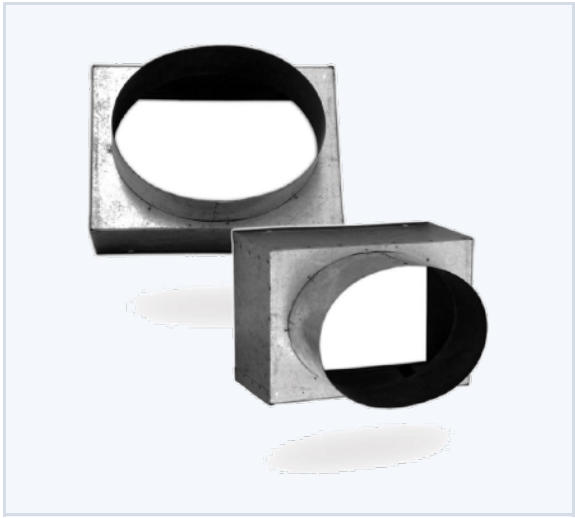


PACKING INFORMATION

Neck size D (mm)	Face size L1 × W1 (mm)	Height H (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
200	300 × 300	110	5	49.0 × 31.5 × 31.5	0.0486
250	300 × 300	110	5	49.0 × 31.5 × 31.5	0.0486
300	300 × 300	110	5	49.0 × 31.5 × 31.5	0.0486
200	375 × 375	110	5	49.0 × 39.0 × 39.0	0.0745
250	375 × 375	110	5	49.0 × 39.0 × 39.0	0.0745
300	375 × 375	110	5	49.0 × 39.0 × 39.0	0.0745
350	375 × 375	110	5	49.0 × 39.0 × 39.0	0.0745
250	450 × 450	110	5	49.0 × 46.5 × 46.5	0.1060
300	450 × 450	110	5	49.0 × 46.5 × 46.5	0.1060
350	450 × 450	110	5	49.0 × 46.5 × 46.5	0.1060

Specifications are subject to change without notice.

NECK ADAPTOR FOR HCG OR WPL



A galvanised steel neck adaptor connecting HCG series grilles and WPL series louvres to flexible duct in residential and commercial air conditioning systems.

KEY FEATURES

- Connects the grille or louvre to flexible duct
- Suits HCG and WPL series
- Easy installation, removal and maintenance

APPLICATIONS

- Residential and commercial reverse cycle air conditioning systems
- Air distribution systems and general HVAC applications

PRODUCT INFO

Model	NA-HCG / NA-WPL
Category	Metal Boxes & Fittings
Construction	Galvanised steel with matt black interior finish
Size range	125 – 200 mm
Options	Painted finishes in standard colours available on request

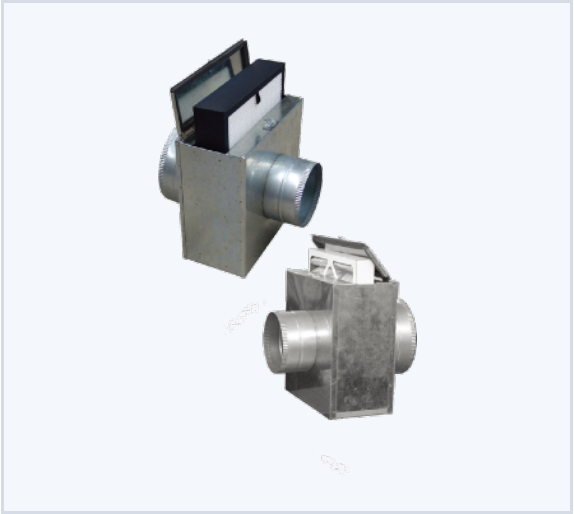
DIMENSIONS



PACKING INFORMATION

Neck size D (mm)	Face size L1 × W1 (mm)	Height H (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
125	225 × 175	170	20	59.5 × 49.0 × 35.0	0.1020
150	225 × 175	170	20	59.5 × 49.0 × 35.0	0.1020
200	225 × 175	170	20	59.5 × 49.0 × 35.0	0.1020

DUCT-MOUNTED FILTER BOX



An inline filter box for spiral-wound ductwork, protecting fans, coils and heaters from dust in low-efficiency filtration applications.

KEY FEATURES

- Removable lid with closed-cell gasket
- Side or top access for filter changing
- Can be mounted at any angle
- Compatible with PP and fibreglass filters

APPLICATIONS

- Low-efficiency filtration in spiral-wound ductwork
- Protects inline components such as fans, coils and heaters from dust
- Suits a range of airflows across all standard spiral-wound duct sizes

PRODUCT INFO

Model	DFB
Category	Metal Boxes & Fittings
Construction	Steel
Size range	300 × 300 - 200 - 150 – 300 × 300 - 200 - 200 mm
Options	Custom colours available on request

PACKING INFORMATION

Size (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
300 × 300 - 200 - 150	4	68.5 × 64.5 × 33.0	0.1458
300 × 300 - 150 - 150	4	68.5 × 64.5 × 33.0	0.1458
300 × 300 - 200 - 200	4	68.5 × 64.5 × 33.0	0.1458

Specifications are subject to change without notice.

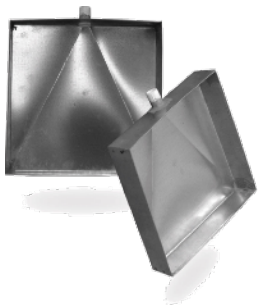
CHAPTER 12

ACCESSORIES

30 products · pages 105–110



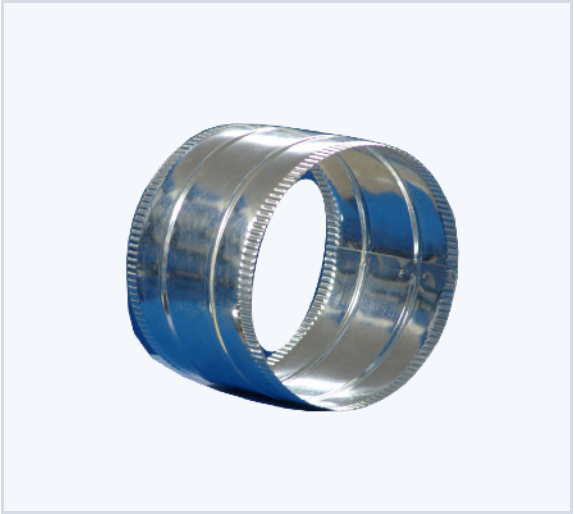




NO.	PRODUCT	CODE	PAGE
12.1	Joining Collars	**JCB / JCA / CJC**	**105**
12.2	Duct Reducer	**PR / SR**	**106**
12.3	Drip Tray	**DT**	**107**
12.4	Accessories A		**108**
12.5	Accessories B		**109**
12.6	Accessories C		**110**

JOINING COLLARS

Galvanised round joining collars for connecting lengths of round duct.



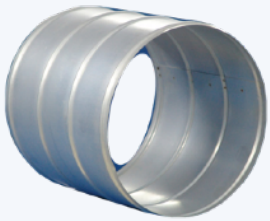
PRODUCT INFO	
Model	JCB / JCA / CJC
Category	Accessories
Options	Custom diameters and lengths available on request



JCB

Galvanised Round Joining Collar – Beaded

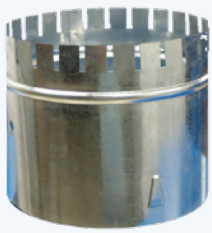
Round collar with bead for joining duct sections



JCA

Galvanised Round Joining Collar – Swaged

Plain round collar with swaged rings for joining duct sections



CJC

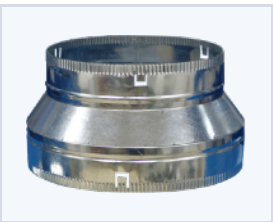
Galvanised Round Joining Collar – Crimped

Round collar with crimped end for joining duct sections

DUCT REDUCER

A round duct reducer for joining a larger-diameter flexible duct to a smaller one, available in ABS plastic or galvanised steel.





KEY FEATURES

- Reduces a larger-diameter duct to a smaller duct
- Joins one flexible duct to another
- Easy duct installation
- Designed for vertical or horizontal duct mounting
- Suits ceiling or wall terminations

PRODUCT INFO

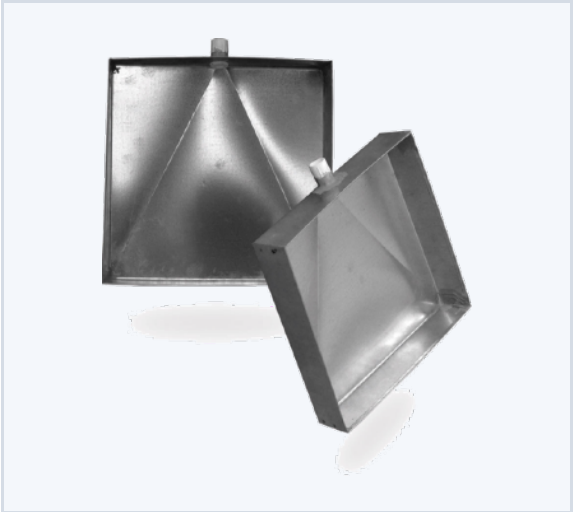
Model	PR / SR
Category	Accessories
Construction	PR: durable ABS plastic SR: galvanised steel
Options	Strengthening clips Uninsulated or insulated

TECHNICAL DATA

Model	Material	Large diameter (mm)	Small diameter (mm)
PR200-150	ABS	Ø200	Ø150
PR150-100	ABS	Ø150	Ø100
SR200-150	Galvanised steel	Ø200	Ø150
SR250-200	Galvanised steel	Ø250	Ø200
SR300-250	Galvanised steel	Ø300	Ø250
SR350-300	Galvanised steel	Ø350	Ø300
SR400-350	Galvanised steel	Ø400	Ø350

DRIP TRAY

A galvanised sheet-metal drip tray for collecting drip water in residential and commercial HVAC applications.



KEY FEATURES

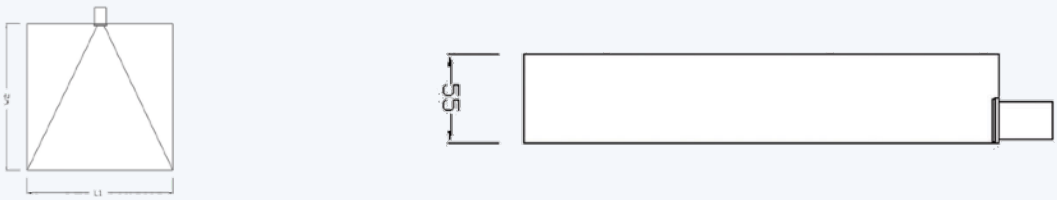
- Designed to collect drip water

APPLICATIONS

- Residential and commercial HVAC applications

PRODUCT INFO	
Model	DT
Category	Accessories
Construction	Galvanised sheet metal
Size range	1200 × 600 – 1000 × 1000 mm

DIMENSIONS



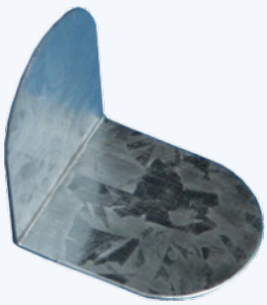
PACKING INFORMATION

Size L2 × W2 (mm)	Quantity per carton (pcs)	Carton dimensions (cm)	Carton volume (m³)
1200 × 600	10	126.0 × 58.0 × 61.0	0.4458
1500 × 600	10	156.0 × 58.0 × 61.0	0.5519
1500 × 800	10	156.0 × 58.0 × 81.0	0.7329
1120 × 810	10	118.0 × 58.0 × 82.0	0.5612
1500 × 810	10	156.0 × 58.0 × 82.0	0.7419
1000 × 1000	10	106.0 × 58.0 × 101.0	0.6209

Specifications are subject to change without notice.

ACCESSORIES A

Installation accessories for ductwork, air distribution and air conditioning equipment.



SC

Side Corner

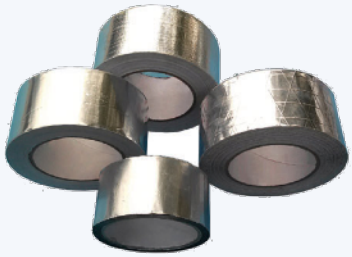
Corner fitting for sheet-metal duct and box joints



PDT

PVC Duct Tape

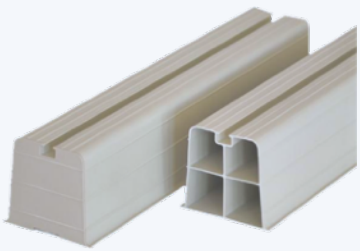
PVC adhesive tape for sealing and wrapping ductwork



DUT

Duct Tape

Adhesive tape for sealing duct joints



MBF

Mounting Block Feet

Support feet for mounting outdoor units and equipment



PS

Perforated Strap

Perforated strap for hanging and securing ductwork



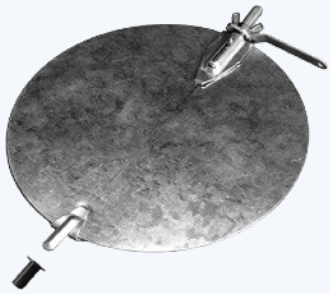
BHS

Blue Hanging Strap

Blue strap for suspending flexible duct

ACCESSORIES B

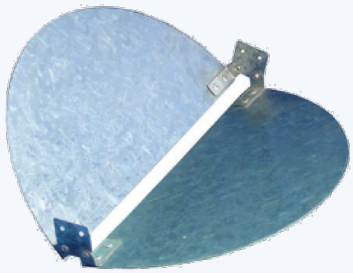
Installation accessories for ductwork, air distribution and air conditioning equipment.



VCB

Volume Control Blade

Damper blade for adjusting airflow in ductwork



BFD

Butterfly Damper

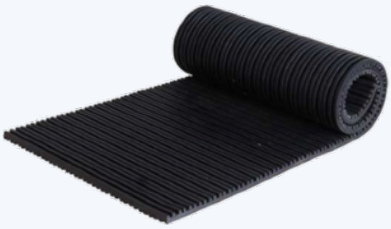
Butterfly damper for regulating airflow in round duct



CBL

6P6C Cable Link 15 m with Plugs

15 m 6P6C cable with plugs for control connections



TRP

Tearable Rubber Pad

Rubber pad that can be torn to the required size



TF

240/24 V AC Transformer

Transformer converting 240 V AC supply to 24 V AC



RK

Rapid Kit – Long or Short

Installation kit available in long or short version



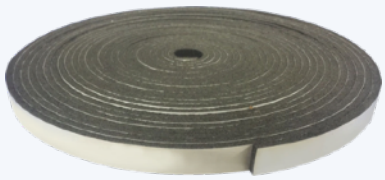
FC

Fixing Clips

Clips for fixing and securing components during installation

ACCESSORIES C

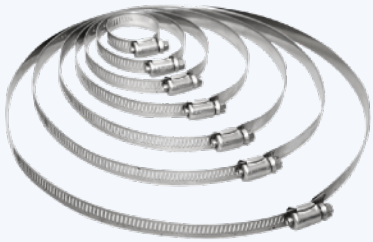
Installation accessories for ductwork, air distribution and air conditioning equipment.



CFPE

Grey Foam Tape

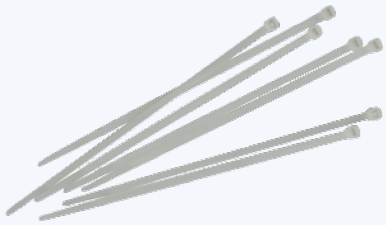
Grey foam tape for sealing and insulating joints



SCT

Stainless Steel Cable Ties

Stainless steel cable ties for securing flexible duct



PCT

Plastic Cable Ties

Plastic cable ties for securing flexible duct and cables



MT

Motor for Motorised Damper

Actuator motor for driving motorised dampers



GLS

100 mm Linear Spring

100 mm spring for retaining linear grille cores



IP

Insulation Plate

Plate for fixing insulation to ductwork

CONTACT US

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Specifications, dimensions and finishes are subject to change without notice. Custom sizes and colours are available on request — please contact our sales team.

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