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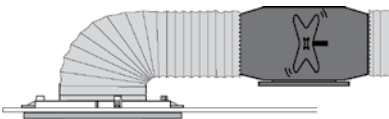
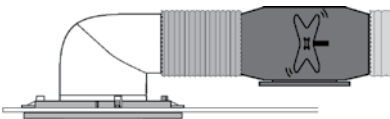
Configurable Systems

Contour Fascia and Duct Connection

Grilles, Diffusers
and Ducting



Description	Colour	Order Code
Adaptor Unit - 150mm	White	DCT4500
Ceiling Plenum - 150mm	White	DCT4501



Fascia Selections

Round				Square			
White	Black	LED White	LED Black	White	Black	LED White	LED Black
							
DCT4702	DCT4703	DCT4706	DCT4707	DCT4704	DCT4705	DCT4708	DCT4709

- Stylish slimline design
- Super low profile
- Available in white or black
- 10W LED Light panel options including a driver with quick connection 12V plug and pre-fitted 240V supply lead and plug
- Choice of 150mm duct connecting ceiling plenum with 90° moulded plastic elbow outlet and back-flow preventer for unimpeded airflow, OR adaptor unit
- Fascias are easy to install, remove and clean
- 5 year warranty

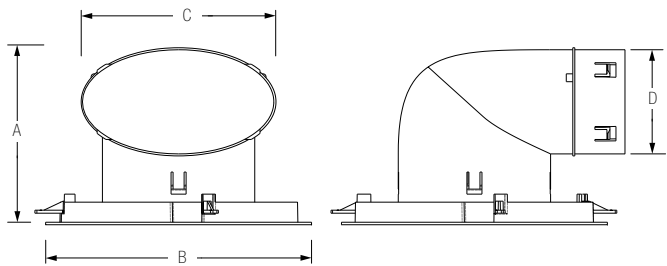
Technical - LED Fascia

Model	LED Fascia	
	Round	Square
Supply	220-240V AC, 50Hz	
Wattage	11W	12W
Light (lm)	932 / 1054 / 1046	1112 / 1197 / 1224
LED Colour	3000K / 4000K / 6000K	
IP Rating	IP44	

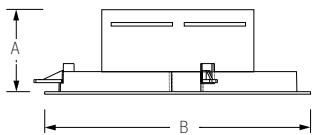


Dimensions (mm)

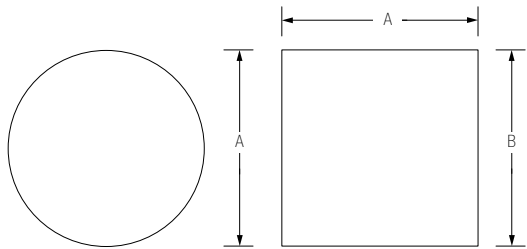
Type	Cut-Out Size W x H	A	B	C	D
Ceiling Plenum	238	196-167 (adjustable)	265	190	103
Adaptor	238	75	265	-	-
Round Fascia	-	272	-	-	-
Square Fascia	-	272	272	-	-



Ceiling Plenum



Adaptor



Fascias



MANROSE®
DESIGNER SERIES

PURO
FILTERED PASSIVE VENT KIT

FILTERED FRESH AIR SUPPLY for a better indoor environment



DCT4565



- Filtered air inlet for improved indoor air quality
- Effective filtration of viruses, bacteria and pollen
- Internationally patented filter from Sweden
- Pure air circulation to improve air quality
- Fresh air in - stale, humid air out through bathroom & kitchen extraction
- Puro inlets provide fresh filtered air from high on bedroom and living area walls
- Filtered particles captured in Puro's unique dual layer, electrostatically charged fibres

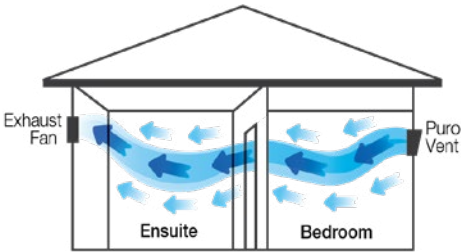


Puro Filtered Passive Through Wall & Cowl Kit



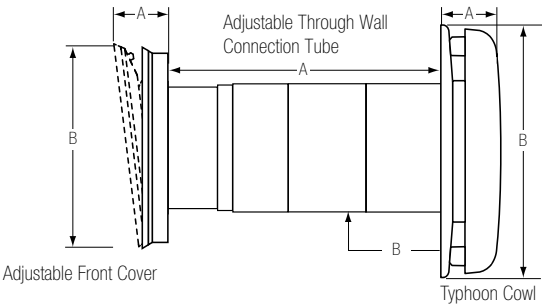
Description	Duct (mm)	Colour	Order Code
Puro Filtered Passive Through Wall & Cowl Kit	100	White	DCT4565
Replacement Filter	Ø 94mm	White	DCT4564

- Filtered air inlet for improved indoor air quality
- Effective filtration of viruses, bacteria and pollen
- Internationally patented filter from Sweden
- Pure air circulation to improve air quality
- Fresh air in - stale, humid air out through bathroom & kitchen extraction
- Puro inlets provide fresh filtered air from high on bedroom and living area walls
- Filtered particles captured in Puro's unique dual layer, electrostatically charged fibres



Dimensions (mm)

Description	A	B
Adjustable Front Cover	20.5-42 (adjustable)	160
Through Wall Connection Tube	100-230 (adjustable)	Ø 102
Typhoon Cowl	50	Ø 180
Cut-Out Size	Ø 105	



MANROSE®
DESIGNER SERIES

CALMA

ACOUSTIC PASSIVE VENTILATION KIT



PASSIVE FRESH AIR SUPPLY



Fresh air delivered by proprietary Swedish acoustic damping system

DCT0101

- Supply air ventilator primarily for installation in bedrooms and living rooms
- Fresh make-up air drawn in by extraction fans generally in Bathrooms and Kitchens
- Ideal as part of a continuous extract ventilation system
- Made in Sweden, supported by third-party acoustic test report data*
- Adjustable opening valve with 8 opening level positions



Fresh air drawn in to refresh home by continuous slow extraction from wet-areas
- either by centralised, or unitary fan systems.

*Refer to acoustic report listed under DCT0101 on simx.co.nz



Calma Acoustic Passive Ventilation Kit



Internal Vent



External Grille

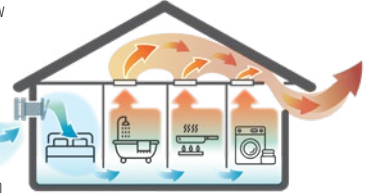


The ventilator consists of an internal vent, fitted with a valve and insect filter, a noise reduction tube, as well as an outer fixed louvre grille.

Description	Duct (mm)	Colour	Order Code
Calma Acoustic Passive Ventilation	100	White	DCT0101
Alternative External Typhoon Dome Cowl (order separately)	-	White	DCT4572

Grilles, Diffusers and Ducting

- Fresh air drawn in to refresh home by continuous slow extraction from wet-areas - either by centralised or unitary fan systems.
- Supply air ventilator primarily for installation in bedrooms and living rooms
- Fresh make-up air drawn in by extraction fans generally in bathrooms and kitchens
- Ideal as part of a continuous extract ventilation system
- Made in Sweden, supported by third-party acoustic test report data*
- Adjustable opening valve with 8 opening level positions



Control Lever with 8 set notches

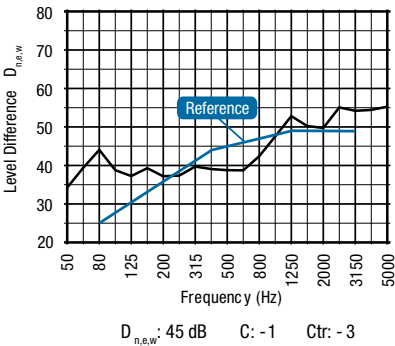


Fully Opened

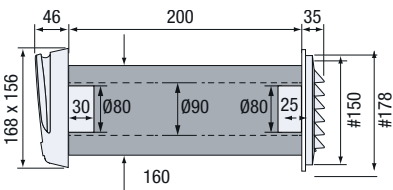


Fully Closed

Noise Data



Dimensions (mm)



Distribution Pattern

The vent can manage up to 8 l/s with no draught.

Grey field: Air velocity above 0.15 m/s

Temperature, cooling chamber: -16°C

Temperature, room: 18.4°C

Relative humidity: 40% RH

Flow: 8 l/s

Heating system: Not on

Test Condensation Protection

Testing of Calma's condensation protection ability to prevent condensation surges:

Temperature, cooling chamber: -16°C

Temperature, room: 18.4°C

Relative humidity: 40% RH

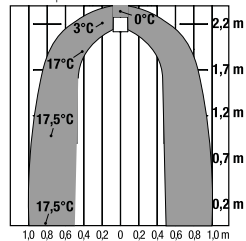
Flow: 8 l/s

Heating system: Not on

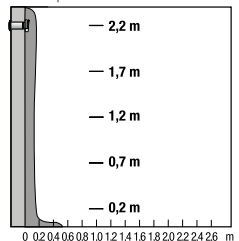
Time: 3 hours

Result: No precipitation

Airflow profile from front



Airflow profile from side



MANROSE®
DESIGNER SERIES

ARIA

SETTABLE PASSIVE VENTILATION KIT



PASSIVE FRESH AIR SUPPLY



DCT0102

**Passive fresh air inlet system
with adjustable and minimum
open area settings**

- Supply air ventilator primarily for installation in bedrooms and living rooms
- Fresh make-up air drawn in by extraction fans generally in Bathrooms, Laundries and Kitchens
- Ideal as part of a continuous extract ventilation system
- Made in Sweden



Fresh air drawn in to refresh home by continuous slow extraction from wet-areas
- either by centralised, or unitary fan systems.



Aria Settable Passive Ventilation Kit



Internal Vent



External Grille

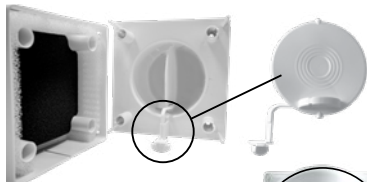
Description	Duct (mm)	Colour	Order Code
Aria Settable Passive Ventilation	100	White	DCT0102
Replacement External Typhoon Dome Cowl (order separately)	-	White	DCT4572

Grilles, Diffusers and Ducting

- Supply air ventilator primarily for installation in bedrooms and living rooms
- Fresh make-up air drawn in by extraction fans generally in bathrooms, laundries and kitchens
- Ideal as part of a continuous extract ventilation system
- Manually settable opening levels
- Made in Sweden



The ventilator consists of an internal vent, fitted with a variable opening valve and an insect filter, rigid wall-duct sections and outer weatherproof dome cowl.



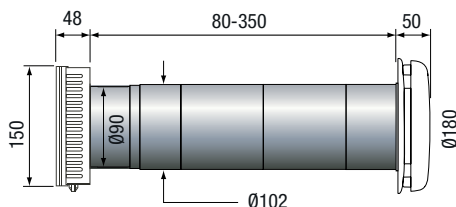
Optionally, the control valve can be completely removed, or re-inserted by springing the duct tube from the valve pivot posts.



Knock-out Rings

Exterior Moisture Control Dam

Dimensions (mm)



Grilles/Cowls/Domes

Wall/Ceiling Grilles - Matte Black

Grilles, Diffusers
and Ducting



Description	Duct (mm)	Fascia	Order Code
Low Profile	150	Round	DCT4401
		Square	DCT4259
Standard	150	Round	DCT4257
Flat Face	150	Square	DCT4371
Fixed Louvre	150	Square	DCT4373
	125	Square	DCT4429
	100	Square	DCT4428

- Low profile design improves airflow in extraction applications
 - Twist lock fascia for easy cleaning
 - Longer spigot for easy duct connection and gib fixing clips included
- Fixed louvre design is a standard grille with some weather protection
 - Removable inserts for easy cleaning

Dimensions (mm)

Type	Duct	Cut-Out Size	Face	Spigot Diameter	Spigot Length
Low Profile Round	150	165	Ø 200	150	65
Low Profile Square	150	165	191 x 191	150	65
Standard Round	150	157	Ø 200	150	65
Flat Face Square	150	157	191 x 191	150	65
Fixed Louvre	150	157	174 x 174	152	32
	125	127	162 x 162	122	25
	100	105	140 x 140	100	35



Wall/Ceiling Grilles - Gloss Black



Description	Duct (mm)	Fascia	Order Code
Low Profile	150	Square	DCT4314
Standard	150	Round	DCT4315
Fixed Louvre	150	Square	DCT4319

Grilles, Diffusers
and Ducting

- Low profile design improves airflow in extraction applications
 - Twist lock fascia for easy cleaning
 - Longer spigot for easy duct connection and gib fixing clips included
- Fixed louvre design is a standard grille with some weather protection
 - Removable inserts for easy cleaning

Dimensions (mm)

Type	Duct	Cut-Out Size	Face	Spigot Diameter	Spigot Length
Low Profile Square	150	165	191 x 191	150	65
Standard Round	150	157	Ø 200	150	65
Fixed Louvre	150	157	174 x 174	152	32

Wall/Ceiling Grilles - Pre-Primed



Description	Duct (mm)	Fascia	Order Code
Fixed Louvre	150	Square	DCT4360
	125	Square	DCT4431
	100	Square	DCT4430

- Fixed Louvre design is a standard grille with some weather protection
 - Removable inserts for easy cleaning

Dimensions (mm)

Type	Duct	Cut-Out Size	Face	Spigot Diameter	Spigot Length
Fixed Louvre	150	157	174 x 174	152	32
	125	127	162 x 162	122	25
	100	105	140 x 140	100	35



Grilles/Cowls/Domes

Wall/Ceiling Grilles

Grilles, Diffusers
and Ducting



Description	Duct (mm)	Fascia	Colour	Order Code
EasyFit	150	Round	White	DCT1550
			Black	DCT1553
Low Profile	150	Round	White	DCT1067
		Square	White	DCT2225
	125	Round	White	DCT1090
		Square	White	DCT2224
	100	Round	White	DCT1089
		Square	White	DCT2223
Standard	150	Round	White	DCT2187
	125	Round	White	DCT2186
	100	Round	White	DCT2185
Flat Face	150	Square	White	DCT2236
			Silver	DCT2237
Fixed Louvre	300	Square	White	DCT1979
	230/250	Square	White	DCT0073
	200	Square	White	DCT0340
	150	Round	Silver (304 Stainless Steel)	V150BAL40E
			White	DCT0063
		Square	Grey	DCT0062
			Silver (304 Stainless Steel)	V150BAL40W
	125	Square	White	DCT0041
	100	Square	White	DCT0025
	150	Square	White	DCT0473
Eggcrate	125	Square	White	DCT0472
	100	Square	White	DCT0375

- EasyFit is designed to extract or supply air with an adjustable cone diffuser
 - Guided airflow with adjustable cone diffuser
 - Quick & easy smart-fitting wings
 - Push lock and twist to unlock fascia for cleaning
- Low profile design improves airflow in extraction applications
 - Twist lock fascia for easy cleaning
 - Longer spigot for easy duct connection and gib fixing clips included
- Fixed louvre design is a standard grille with some weather protection
 - Removable inserts for easy cleaning



Low Profile Accessories

Description	Duct (mm)	Satin Silver	Chrome		Gold	White	
		Square	Round	Square	Square	Round	Square
Fascias	150	FAN2071	-	FAN0598	-	FAN0750	FAN0749
	125	FAN2068	FAN0757	FAN0755	FAN0754	FAN0748	FAN0747
Spigot	150	-	-	-	-	FAN0656	-
	125	-	-	-	-	DCT1074	-

Grilles, Diffusers
and Ducting

Dimensions (mm)

Type	Duct	Cut-Out Size	Face	Spigot Diameter	Spigot Length
EasyFit	150	195	Ø 212	143	76
Low Profile Round	150	165	Ø 200	150	65
	125	135	Ø170	120	65
	100	115	Ø140	98	49
Low Profile Square	150	165	191 x 191	150	65
	125	135	161 x 161	120	65
	100	115	140 x 140	98	49
Standard Round	150	157	Ø200	150	65
	125	125	Ø170	125	65
	100	105	Ø140	98	49
Flat Face Square	150	157	191 x 191	150	65
Fixed Louvre	300	295	350 x 350	285	50
	230/250	240	285 x 285	230	29
	200	240	285 x 285	199	67
	150	157	174 x 174	152	32
	125	127	162 x 162	122	25
	100	105	140 x 140	100	35
Fixed Louvre Stainless Steel - Round	150	150	Ø 210	150	52
Fixed Louvre Stainless Steel - Square	150	150	203 x 203mm	150	52
Eggcrate	150	157	175 x 175	152	34
	125	127	162 x 162	122	24
	100	105	140 x 140	100	34



Grilles/Cowls/Domes

Weatherproof Cowls

Grilles, Diffusers
and Ducting



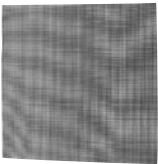
Description	Duct (mm)	Mesh Option	Colour	Order Code
General Purpose Stainless Steel 304* <i>* This product listing does not imply that 304 stainless steel is recommended for marine environments</i>	200	Mesh only	Stainless Steel	DCT4350
	150	Mesh and Flap	Stainless Steel	DCT3616
		Mesh only	Stainless Steel	DCT3611
	125	Mesh and Flap	Stainless Steel	DCT3615
		Mesh only	Stainless Steel	DCT3618
	100	Mesh and Flap	Stainless Steel	DCT3614
		Mesh only	Stainless Steel	DCT3617
Plastic	150	Chateau with Monofilm Backdraught Shutters	Matte White	DCT0304
			Matte Black	DCT0305
		Chateau with Monofilm Backdraught Shutters (Hang-sell version)	Matte White	DCT0304H
			Matte Black	DCT0305H
		Mesh and Flap	White	DCT1031
			Gloss Black	DCT4316
			Matte Black	DCT4261
			Pre-Primed	DCT4299
		(Comes with aluminium fixed louvre)	White	DCT1995
	125	Chateau with Monofilm Backdraught Shutters	Matte White	DCT0302
			Matte Black	DCT0303
		Chateau with Monofilm Backdraught Shutters (Hang-sell version)	Matte White	DCT0302H
			Matte Black	DCT0303H
		Mesh and Flap	White	DCT1030
			Matte Black	DCT4399
			Pre-Primed	DCT4324
	100	Mesh and Flap	White	DCT0018
			Matte Black	DCT4400
			Pre-Primed	DCT4323
			Brown	DCT0019
		Typhoon - Circular	Round White	DCT4572

- High quality stainless steel finish with stainless steel wire mesh
- Designed for use where adverse weather conditions are experienced



Optional Inserts

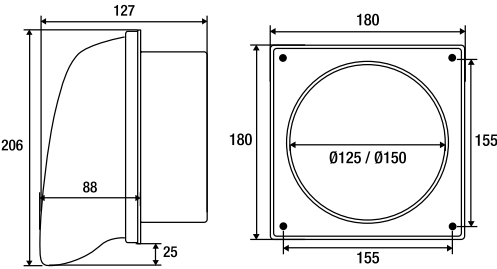
Duct (mm)	Description	Order Code
200-250	for 200mm and 250mm Grilles	DCT0373
150	for 150mm Grilles	DCT0207
125	for 125mm Grilles	DCT0208
100	for 100mm Grilles	DCT0371
125 & 150	Insect Mesh for Chateau Cowls	DCT0307
150	Bird Mesh	DCT2263
150	Aluminium Fixed Louvre	DCT2599



Dimensions (mm)

Description	Duct	Face Size W x H	Spigot		Cut-Out Size
			Diameter	Length	
Stainless Steel	200	252 x 252	Ø 196	80	Ø 215
	150	180 x 180	Ø 145	62	Ø 160
	125	180 x 180	Ø 120	52	Ø 140
	100	150 x 150	Ø 97	52	Ø 115
Plastic	150 - Chateau	180 x 210	Ø 150	40	Ø 165
	150	175 x 175	Ø 152	35	Ø 165
	125 - Chateau	180 x 210	Ø 125	40	Ø 140
	125	175 x 175	Ø 123	27	Ø 140
	100	140 x 140	Ø 99	35	Ø 115
	Typhoon - 100	Ø 180	Ø 100	60	Ø 105

Chateau Dimensions (mm)



Grilles/Cowls/Domes

Weatherproof Domes

Grilles, Diffusers
and Ducting



Description	Duct (mm)	Colour	Order Code
Stainless Steel 304	200	Stainless Steel	DCT4616
	150	Stainless Steel	DCT2159
	125	Stainless Steel	DCT2158
	100	Stainless Steel	DCT2157

- High quality stainless steel dome cowl for a modern stylish look
- Designed for exhaust and supply ventilation
- Generally mounted on an external wall, however they can be mounted internally
- Insect mesh included
- Product does not have a backdraught shutter

Dimensions (mm)

Description	Duct	Face Size	Spigot		Cut-Out Size
			Diameter	Length	
Stainless Steel	200	Ø 290	Ø 195	75	Ø 200
	150	Ø 200	Ø 145	62	Ø 155
	125	Ø 180	Ø 120	52	Ø 140
	100	Ø 140	Ø 97	52	Ø 115



Gravity Shutters

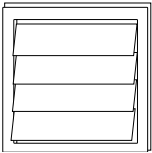


Description	Duct (mm)	Fascia	Colour	Order Code
Stainless Steel 304	150	Square	Stainless Steel	DCT2147
	125	Square	Stainless Steel	DCT2146
	100	Square	Stainless Steel	DCT2145
Plastic	230/250	Square	White	DCT2204
	150	Square	White	DCT0066
			Gloss Black	DCT4320
			Grey	DCT0061
	125	Square	White	DCT0044
			Grey	DCT0042
	100	Square	White	DCT0029
			Grey	DCT0028

Grilles, Diffusers and Ducting

Dimensions (mm)

Type	Duct	Face W x H	Spigot Diameter	Spigot Length	Cut-Out Size
Stainless Steel	150	180 x 180	145	62	160
	125	180 x 180	120	52	140
	100	150 x 150	97	52	115
Plastic	300	350 x 350	285	50	295
	230/250	275 x 275	230	50	240
	150	174 x 174	152	32	157
	125	162 x 162	122	25	127
	100	140 x 140	100	35	105



Multi-Spigot Grilles



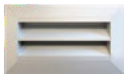
Description	Spigot Size (mm)	Fascia	Colour	Order Code
Gravity Shutter	100-125	Square	White	DCT0121



Grilles/Cowls/Domes

Weatherproof Louvre Grilles with Plenum

Grilles, Diffusers
and Ducting

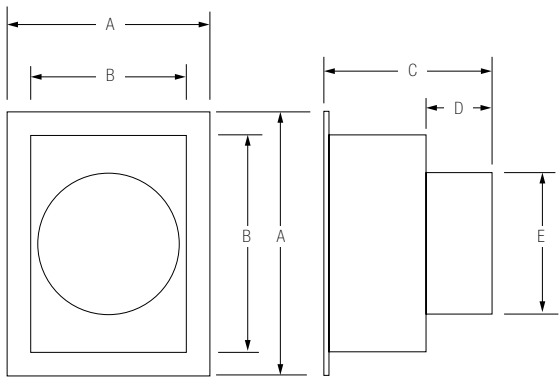


Description	Face Size W x H (mm)	Neck Size W x H (mm)	Finish	Order Code
Aluminium with Plenum	280 x 168	225 x 110	Quality Anodised	DCT3709
	280 x 215	230 x 165	Quality Anodised	DCT4069
	250 x 250	200 x 200	Quality Anodised	DCT4070

- Designed for both intake and return air applications
- Wide blade spacings enable improved airflow with reduced pressure drops and noise levels
- Bird mesh included

Dimensions (mm)

Model	A	B	C	D	E
	Face Size W x H	Cut-Out Size W x H	Overall Depth	Spigot Length	Spigot Dia.
DCT3709	280 x 168	225 x 110	180	70	Oval (180 wide to fit 150 duct)
DCT4069	280 x 215	230 x 165	180	70	Ø 150
DCT4070	250 x 250	200 x 200	180	70	Ø 150



Weatherproof Louvre Grilles

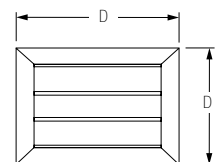
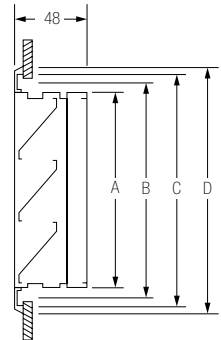


Description	Face Size W x H (mm)	Neck Size W x H (mm)	Finish	Order Code
Aluminium	220 x 220	160 x 160	White	DCT2603
	200 x 150	190 x 150	White	DCT3538
	200 x 200	150 x 150		DCT4147
	210 x 210	160 x 160	White	DCT2579
	240 x 200	182 x 142	Natural Anodised	DCT3638
	300 x 300	240 x 240		DCT4303
	350 x 350	295 x 295	Natural Anodised	DCT3637
	390 x 390	330 x 330	Natural Anodised	DCT1404
	455 x 455	395 x 395	Natural Anodised	DCT1405
	500 x 500	440 x 440	Natural Anodised	DCT3383
	660 x 660	600 x 600	Natural Anodised	DCT3382
Neck Adaptors (Galvanised Steel)		170 x 170 : Ø 150	-	DCT1434
		210 x 210 : Ø 200		DCT1435
		290 x 290 : Ø 250		DCT1436
		330 x 330 : Ø 300		DCT1437
		410 x 410 : Ø 350		DCT1438

- Designed for external ventilation
- Special sizes subject to availability
- Bird mesh attached

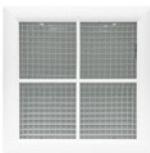
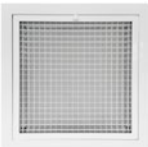
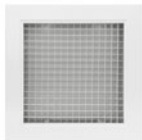
Dimensions (mm)

Model	A	B	C	D
	Neck Size W x H	Neck Adaptor Size W x H	Cut-Out Size W x H	Face Size W x H
DCT2603	160 x 160	170 x 170	180 x 180	220 x 220
DCT3538	140 x 90	150 x 100	160 x 110	200 x 150
DCT4147	140 x 140	150 x 150	160 x 160	200 x 200
DCT2579	150 x 150	160 x 160	170 x 170	210 x 210
DCT3638	182 x 142	192 x 152	202 x 162	240 x 200
DCT4303	240 x 240	245 x 245	255 x 255	300 x 300
DCT3637	295 x 295	300 x 300	310 x 310	350 x 350
DCT1404	330 x 330	320 x 320	330 x 330	390 x 390
DCT1405	395 x 395	405 x 405	415 x 415	455 x 455
DCT3383	440 x 440	450 x 450	460 x 460	500 x 500
DCT3382	600 x 600	610 x 610	620 x 620	660 x 660



Eggcrate Return Grilles

Grilles, Diffusers
and Ducting

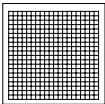


Description	Neck Size W x H (mm)	Face Size W x H (mm)	Order Code
Fixed Core	150 x 150 *	210 x 210	DCT1989
	225 x 225	275 x 275	DCT2002
	300 x 300	348 x 348	DCT2003
	360 x 360	420 x 420	DCT2004
	438 x 438	490 x 490	DCT3757
with Filter	540 x 540 **	595 x 595	DCT2005
	300 x 300	340 x 340	DCT0962
	360 x 360	407 x 407	DCT1257
	550 x 550 **	595 x 595	DCT0966
	550 x 1150	1040 x 1040	DCT1113
Replacement Filter	300 x 300	348 x 348	DCT1025
	360 x 360	420 x 420	DCT4351
	550 x 550	595 x 595	DCT1026
	1400 x 1000	595 x 1200	DCT1061
Face Only	225 x 225	278 x 278	DCT0759
	300 x 300	348 x 348	DCT0760
	360 x 360	425 x 425	DCT0797
	375 x 550	422 x 600	DCT0798

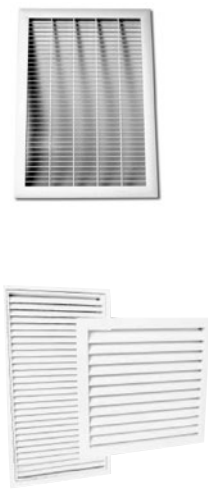
* DCT1970 (157 x 157) Opposed Blade Damper (O.B.D) to suit (see page 153)

** 595 x 595mm "lay in" T-rail grille.

- Manufactured in high quality aluminium extrusion profiles
- Flush face finish powder coated white
- Poly neck adaptors (see page 156)
- Special sizes subject to availability
- FILTER models have hinged removable filters and the filter media is G2 rated
- FACE ONLY models manufactured from high impact polystyrene and resistant to scratching and fading. Aluminium eggcrate biscuits powder coated white. Quick fix fixing clips, no tools required.



Louvre Return Grilles



Description		Face Size W x H (mm)	Neck Size W x H (mm)	Order Code
Uni-Louvre with Fixing Flange	no G2 Filter	428 x 603	375 x 550	DCT0729
	with G2 Filter			DCT0805
Louvre	Fixed Core	200 x 150	188 x 146	DCT3540
		200 x 200	190 x 190	DCT3489
		300 x 300	290 x 290	DCT3490
		350 x 200	340 x 190	DCT3635
		400 x 350	-	DCT1382
		400 x 500		DCT1383
		400 x 600		DCT1384
		400 x 900		DCT1385
		500 x 400		DCT1386
		595 x 595	540 x 540	DCT3491
	Removable Core	400 x 350	-	DCT1377
		400 x 500		DCT1378
		400 x 600		DCT1379
		400 x 900		DCT1380
		500 x 400		DCT1381

- Uni-Louvre grilles are manufactured from V-Zero fire rated ABS plastic AS/NZ 1530.3
- Louvre grilles are manufactured using high quality aluminium, and are powder coated white
- Replacement filter cloth DCT3250

Ceiling Mounted Grilles



Model	Neck Size W x H (mm)	Face Size W x H (mm)	Order Code
Removable Core Eggcrate Grilles	140 x 140	180 x 180	DCT3566
	190 x 190	230 x 230	DCT3636

- Resistant to scratching and fading
- Manufactured from aluminium and powder coated white as standard



Grilles/Cowls/Domes

Door Relief Air Grilles

Grilles, Diffusers
and Ducting



Cut-Out Size W x H (mm)	Order Code
300 x 300	DCT3486
450 x 150	DCT1387
450 x 200	DCT1388
450 x 250	DCT1389
450 x 300	DCT1390
450 x 450	DCT1391
500 x 300	DCT3487
600 x 150	DCT1392
600 x 200	DCT1393
600 x 250	DCT1394
600 x 300	DCT1395
600 x 350	DCT1396
600 x 400	DCT1397
600 x 450	DCT1398
600 x 600	DCT1399

Door Grilles



Description	Size W x H x D (mm)	Order Code
Internal Door Ventilation Grille	455 x 90 x 33	FAN0159

- This door grille allows make-up air into the room.



Wall/Ceiling Plate Grilles



Description	Plate Size W x H (mm)	Colour	Order Code
Fixed Louvre Vent	245 x 80	White	DCT2194
		Chrome	DCT2195
	245 x 160	White	DCT2196
		White	DCT2198
Adjustable Vent	245 x 80	White	DCT2188
	245 x 245	White	DCT2192

Grilles, Diffusers
and Ducting

- Manufactured from PVC in either white or chrome.
- Designed for use when make-up air is required.
- Fixed louvre provides maximum airflow.
- Adjustable vent can be fully closed off when not required.

Wall/Ceiling Grille Face Plates



Duct (mm)	Grille Type	Colour	Order Code
150	Fixed Louvre	White	DCT0352
230	Fixed Louvre	White	DCT0354

- For situations where no spigot is required.



Roof Cows

Roof Cows

Grilles, Diffusers
and Ducting

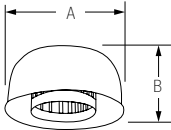
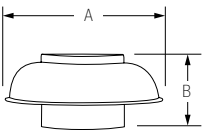


Tube (mm Ø)	Description	Order Code
150	General Purpose	DCT0708
	General Purpose Black	DCT0800
	Heavy Duty	DCT0709
	Heavy Duty Black	DCT0801

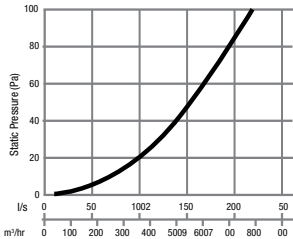
- Added exhaust aperture area and deep vent coverage
- Recommended where high winds in exposed locations may drive rain into the vent
- Also recommended for high-airflow air intake systems to prevent rain being sucked into the system.

Dimensions (mm)

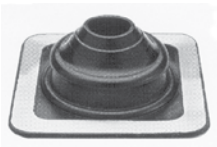
Description	A	B
General Purpose	275	125
Heavy Duty	275	140



Technical



EPDM Flashing

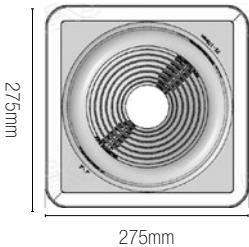


Size (mm)	Material	Minimum Roof Pitch	Maximum Roof Pitch	Fire Rating	Order Code
150	EDPM / ALU	10°	40°	N/A	DCT0180

- Durable, waterproof flashing for pipes and flues through profiled metal roofs
- Suitable for a 150mm HDPE tube, using a soaker flashing
- Designed for roof pitches between 10° and 40°
- Install diagonally at 45° and ensure compatibility with the roof coating

PIPE DIAMETER

No. Ring	ømm
1 ST	95-117
2 ND	117-140
3 RD	140-152
4 TH	152-165
5 TH	165-178
6 TH	179-191
7 TH	191-197



Roof Cowl Kits



Tube (mm Ø)	Description	Order Code
200	Medium Duty Kit with Aluminium Cowl and 0.5m Galvanised Tube	DCT3603
	Heavy Duty Kit with Aluminium Cowl and 0.5m Galvanised Tube	DCT3604
150	General Purpose Kit with Aluminium Cowl and 0.5m HDPE Tube	DCT0172
	General Purpose Kit with Black Aluminium Cowl and 0.5m HDPE Tube	DCT0802
	Heavy Duty Kit with Aluminium Cowl and 0.5m HDPE Tube	DCT0710
	Heavy Duty Kit with Black Aluminium Cowl and 0.5m HDPE Tube	DCT0803
	General Purpose Kit with Aluminium Cowl, 0.5m HDPE Tube and Heavy Duty Lead Flashing	DCT1095

- Flashing, for metal based roofs, included and all fittings supplied (*refer to Roof Flashings below*)
- Optional lead flashing available (*refer to Roof Flashings below*)
- Reducers fit to the bottom of HDPE tube to adapt to smaller duct diameters where required
- 150mm general purpose kit suitable for moderately exposed sites. Synthetic rubber flashing, for metal based roofs, included along with screw fasteners and tube strap

Roof Cowl Kit	Tube (mm Ø)	Description	Product Code
	100	Angled	DCT2205

- 0.5m PVC tube (110mm), suitable for smaller applications
- To be mounted on tile roofs only
- Weathering slate included
- Flashing size: 450 x 450mm

Through Roof Fan Accessories

Description	Order Code
Reducer - 150 to 125	DCT2066
Reducer - 150 to 100	DCT2122
Roof flashing - fits 110-160mm (Flashing size 285 x 285mm)	DCT0180
Roof flashing for use on concrete tile, clay tile and slate roofing (Flashing size 460 x 600mm)	DCT0190
0.5m x 150mm HDPE tube	DCT0183
Stitching screws for roof flashing	FAN0400

Diffusers

Ceiling Diffusers - Round

Grilles, Diffusers
and Ducting

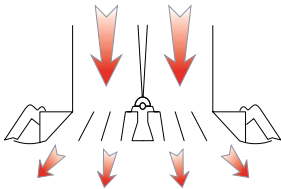


Type	Duct (mm)	Supply	Extract	Colour	Order Code
Unijet	250	Yes	-	White	DCT2783
	200	Yes		White	DCT4140
	150	Yes		White	DCT4139
Cone	300	Yes	Yes	White	DCT1475
	250	Yes	Yes	White	DCT1474
	200	Yes	Yes	White	DCT1473
	150	Yes	Yes	White	DCT1472
Eggcrate	200	Yes	Yes	White	DCT2595
Eggcrate (with damper)	200	Yes	Yes	White	DCT2609
	150	Yes	Yes	White	DCT2608
Stainless Steel	200	-	Yes	Stainless	DCT3026
	150		Yes	Stainless	DCT2141
	125		Yes	Stainless	DCT2140
	100		Yes	Stainless	DCT2139
Low Profile	150	Yes	-	White	DCT2208
Eco	200	Yes	Yes	White	DCT0068
	150	Yes	Yes	White	DCT0058
	125	Yes	Yes	White	DCT0174
	100	Yes	Yes	White	DCT0020

General Information

UNIJET Ceiling Diffusers

Diffusers have been designed not to just ‘dump’ air straight down like other similar diffusers, but to push supply air into the room as shown. Unijet diffusers disperse the air over a greater area because their louvres are at different angles. This gives a more even temperature over a greater area.



Cone Ceiling Diffusers

When used to supply ventilation, the air will be pushed down into the room. These diffusers are used in heat transfer systems and an adjustable screw in the centre cone ensures a balanced airflow.

Stainless Steel Ceiling Diffusers

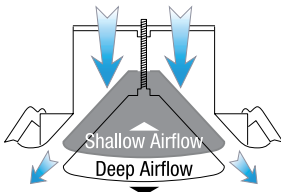
Designed for internal extraction where a quality finish is required.

Low Profile Ceiling Diffusers

High quality finish. These diffusers are included in the SmartVent home ventilation systems.

Eco Ceiling Diffusers

Cone centres are designed to suit the reverse cycle systems. Cone centres allow adjustable control of the airflow by moving the centre up or down. This is achieved by a screwing technique. Clockwise decreases and shallows the airflow while anti-clockwise increases and deepens the airflow. A fixing flange, which requires screws, is included.



Dimensions (mm)

Type	Duct	Face	Spigot Diameter	Spigot Length	Cut-Out Size
Unijet	250	Ø 335	Ø 246	92	300
	200	Ø 285	Ø 190	92	250
	150	Ø 234	Ø 145	70	200
Cone	300	Ø 435	Ø 300	102	405
	250	Ø 389	Ø 250	102	355
	200	Ø 317	Ø 200	95	282
	150	Ø 266	Ø 150	95	232
Eggcrate	200	Ø 290	Ø 200	95	260
	150	Ø 240	Ø 150	95	215
Stainless Steel	150	Ø 220	Ø 145	62	150
	125	Ø 172	Ø 120	52	130
	100	Ø 140	Ø 97	52	105
Low Profile	150	Ø 220	Ø 150	80	195
Eco	200	Ø 235	Ø 198	50	198
	150	Ø 186	Ø 148	50	148
	125	Ø 169	Ø 125	47	123
	100	Ø 149	Ø 99	47	98



Unijet



Cone



Eggcrate



Stainless Steel



Low Profile



Eco

Information

Model	Housing	Damper Blade	Fixing Clips (spring loaded)	Duct Tabs (positive lock)	Scratch Resistant	Fade Resistant
Unijet	ABS plastic (V-Zero fire rated) AS/NZ 1530 Part 3	Adjustable "set and forget" (tool supplied)	Yes	Yes	Yes	Yes
Cone	ABS plastic	Manual	Yes	Yes	Yes	Yes
Eggcrate	ABS plastic	Manual	Yes	Yes	Yes	Yes
Stainless Steel	Stainless Steel 304	Manual	Yes	Yes	Yes	Yes
Low Profile	ABS plastic	Manual	Yes	Yes	Yes	Yes
Eco	ABS plastic	Manual	Yes	Yes	Yes	Yes

Ceiling Diffusers - Square



Neck Size (mm)	Blade	Colour	Order Code
225 x 225	Fixed	White	DCT1022
	Moving	White	DCT0762
300 x 300	Fixed	White	DCT1019
	Moving	White	DCT0495
360 x 360	Fixed	White	DCT1023
	Moving	White	DCT0761
375 x 550	Fixed	White	DCT1024



Diffusers

SW-2T Swirl Diffusers

Grilles, Diffusers
and Ducting

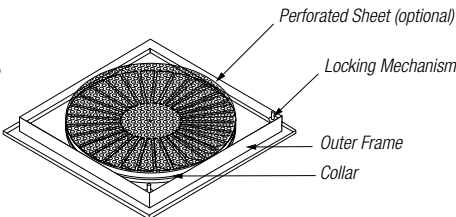
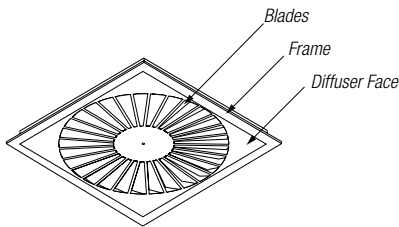


Duct (mm)	Blades	Description	Order Code
250	29	Side Entry Box	DCT2634
		Top Entry Box	DCT2614
300	29	Side Entry Box	DCT2635
		Top Entry Box	DCT2613
350	29	Side Entry	DCT2636
Plate only			DCT2615

SW-2T series is a swirl diffuser with fixed radially arranged air control blades. This unique type of slot provides high induction "vortex" air flow, projecting horizontally from the face of the diffuser. This swirling air flow produces a wider air distribution, with no stationary air jet, resulting in excellent uniformity of temperature in air conditioned spaces.

SW-2T is suited to areas of high heat load where large quantities of cool air must be rapidly mixed with room air and/or areas which require high air change in a short time.
The SW-2T series can also be used as a return and exhaust type device.

- Diffuser face can be opened without using any tools
- Volume control damper is adjustable without removing ceiling panel
- Swirl air pattern provides high induction ratio
- High coanda effect reduces direct-throw of air on occupants
- Standard sizes available for T-bar ceiling on metric or imperial size

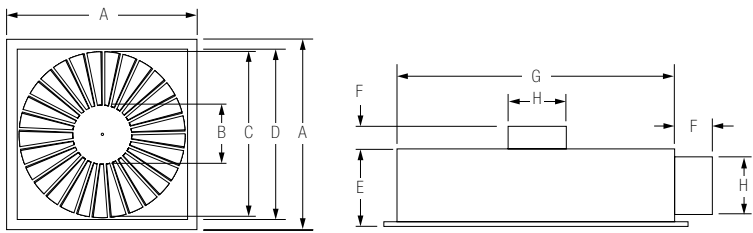


Housing	Volume Control
1.0mm White powder-coated galvanised steel	Adjustable damper



Dimensions (mm)

Duct	A	B	C	D	E	F	G	H
250	595	190	513	535	210	60	580	250
300	595	190	513	535	230	60	580	300
350	595	190	513	535	230	60	580	350



Technical

Duct (mm)	Collar Neck Vel. (m/s)	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
	Vel. Pressure (Pa)	2	3	4	6	8	10	13	16	19	23
250	Throw (m)	0.9 - 1.8	1.2 - 2.4	1.5 - 2.7	1.8 - 3.0	2.1 - 3.4	2.4 - 3.7	2.7 - 4.0	2.7 - 4.0	3.0 - 4.3	3.0 - 4.3
	Tot. Press (Pa)	6	11	17	29	39	49	61	76	91	108
	Flow (l/s)	74	99	124	149	171	196	220	245	270	294
	NR (dB(A))	-	-	21	28	34	36	40	42	44	46
300	Throw (m)	1.2 - 2.4	1.5 - 3.0	1.8 - 3.4	2.4 - 4.0	2.7 - 4.3	3.0 - 4.6	3.4 - 4.6	3.7 - 4.9	3.7 - 5.2	3.9 - 5.5
	Tot. Press (Pa)	13	23	35	51	68	90	113	141	170	214
	Flow (l/s)	107	143	179	215	247	282	318	353	388	424
	NR (dB(A))	-	24	30	38	41	44	47	49	51	54



Diffusers

One Piece - Plaque Diffusers

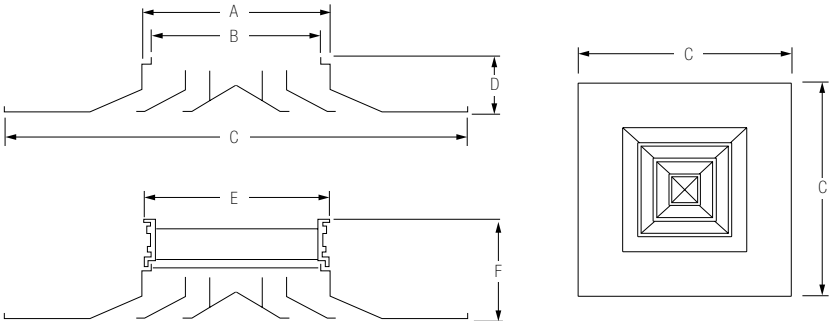


Neck Size (mm)		Order Code
225 x 225	595 x 595mm "lay in" T-rail diffuser	DCT2012
300 x 300	595 x 595mm "lay in" T-rail diffuser	DCT2013
360 x 360	595 x 595mm "lay in" T-rail diffuser	DCT2014

- One piece pressed aluminium, powder coated white
- Removable core, no joints, smooth airflow
- Side entry cushion boxes and poly neck adaptors (*see pages 155 and 156*)

Dimensions (mm)

Neck Size	A	B	C	D	E	F	G	H
225 x 225	220	207	595	45	212	85	225	225
300 x 300	294	278	595	45	285	85	300	300
360 x 360	369	355	595	45	360	85	360	360



CD2000 One Piece - 4 Way Diffusers



Neck Size (mm)		Order Code
225 x 225		DCT0792
300 x 300		DCT0468
360 x 360		DCT0793
435 x 435		DCT0794
595 x 595	595 x 595mm "lay in" T-rail diffuser	DCT0794

- Manufactured from V-Zero fire rated ABS plastic. AS/NZ 1530.3
- Resistant to scratching and fading
- Minimises problems associated with cold bridging in high humidity areas
- Spring loaded fixing clips
- Side entry cushion boxes and poly neck adaptors (*see pages 155 and 156*)
- Opposed blade damper available for order

Technical

Neck Size (mm)	Neck Vel (m/s)	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5
225 x 225	Throw (m)	-	0.8	1.7	3.8	5.7	7.4	8.9	10.2	11.4	12.3	13.1	13.7
	PD (Pa)	-	10	18	27	38	51	66	83	101	121	143	166
	Flow (l/s)	-	66	88	110	132	154	176	198	221	243	265	287
	NR (dB(A))	-	< 8	< 15	20	24	29	33	38	41	45	48	50
300 x 300	Throw (m)	-	1.7	4.4	6.9	9.1	11.0	12.6	13.9	15.0	15.8	16.4	16.9
	PD (Pa)	-	10	18	27	38	51	66	83	101	121	143	166
	Flow (l/s)	-	118	157	196	235	274	314	353	392	431	470	510
	NR (dB(A))	-	< 11	< 18	23	27	31	36	40	44	47	50	53
360 x 360	Throw (m)	1.5	4.8	8.2	11.2	13.7	15.8	17.4	18.7	19.6	20.3	20.8	21.0
	PD (Pa)	5	10	18	27	38	51	66	83	101	121	143	166
	Flow (l/s)	126	189	252	315	378	441	504	567	630	693	756	819
	NR (dB(A))	1	13	20	25	29	34	38	42	46	49	52	56
595 x 595	Throw (m)	3.8	8.2	12.3	15.7	18.5	20.7	22.4	23.7	24.5	25.1	25.4	25.5
	PD (Pa)	5	10	18	27	38	51	66	83	101	121	143	166
	Flow (l/s)	185	277	370	462	555	647	740	832	925	1017	1109	1202
	NR (dB(A))	6	15	22	27	31	36	40	44	48	51	54	57



Diffusers

One Piece - 4 Way Diffusers

Grilles, Diffusers
and Ducting



Neck Size (mm)		Order Code
150 x 150		DCT2006
225 x 225		DCT2007
300 x 300		DCT2008
375 x 375		DCT2009
450 x 450	595 x 595mm "lay in" T-rail diffuser	DCT2010

- One piece pressed aluminium, powder coated white
- Removable core, no joints, smooth airflow
- Easily removable internal core assembly for ease of installation
- Negligible resistance to airflow
- Side entry cushion boxes and poly neck adaptors (*see pages 155 and 156*)

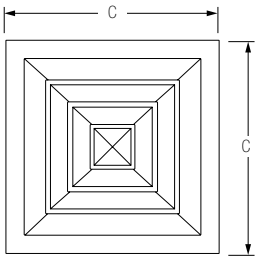
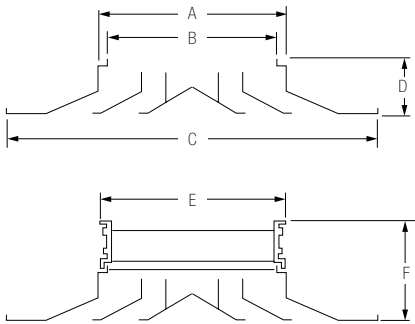
Technical

Neck Size (mm)	Neck Vel (m/s)	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7
150 x 150	Throw (m)	-	0.8	1.2	1.4	2.9	4.4	5.6	6.6	7.6	8.5	9.4	10.2
	PD (Pa)	-	13	19	27	37	47	59	72	86	102	119	136
	Flow (l/s)	-	36	46	55	64	73	82	91	100	109	118	128
	NR (dB(A))	-	11	15	19	22	24	27	29	32	36	38	41
225 x 225	Throw (m)	0.8	2.0	4.9	7.0	8.7	10.2	11.6	12.9	14.2	15.5	16.8	18.1
	PD (Pa)	7	13	19	27	37	47	59	72	86	102	119	136
	Flow (l/s)	66	88	110	132	154	176	198	221	243	265	287	309
	NR (dB(A))	9	15	19	23	26	29	33	37	40	43	46	48
300 x 300	Throw (m)	1.8	5.6	8.0	9.9	11.5	13.1	14.7	16.3	18.0	19.7	21.4	23.2
	PD (Pa)	7	13	19	27	37	47	59	72	86	102	119	136
	Flow (l/s)	122	162	203	244	284	325	366	406	447	487	528	569
	NR (dB(A))	12	18	22	26	29	34	38	42	45	48	51	53
360 x 360	Throw (m)	4.5	7.5	9.6	11.3	13.0	14.7	16.5	18.4	20.4	22.5	24.7	27.0
	PD (Pa)	7	13	19	27	37	47	59	72	86	102	119	136
	Flow (l/s)	194	259	324	389	454	518	583	648	713	778	842	907
	NR (dB(A))	14	20	24	28	33	38	42	46	49	52	55	57
595 x 595	Throw (m)	6.4	8.7	10.4	12.0	13.8	15.7	17.8	20.0	22.3	24.8	27.4	30.0
	PD (Pa)	7	13	19	27	37	47	59	72	86	102	119	136
	Flow (l/s)	290	387	484	581	678	774	871	968	1065	1162	1258	1355
	NR (dB(A))	16	22	26	31	37	41	45	49	52	55	58	61



Dimensions (mm)

Neck Size	A	B	C	D	E	F	G	H
150 x 150	144	131	290	45	137	85	150	150
225 x 225	220	207	365	45	212	85	225	225
300 x 300	294	278	440	45	285	85	300	300
360 x 360	369	355	515	45	360	85	360	360
450 x 450	444	430	595	45	435	85	450	450



Diffusers

Double Deflection Wall Diffusers



Type	Neck Size (mm)	Order Code
Fixed Core	300 x 100 *	DCT2020
	350 x 150 *	DCT2021
	400 x 100	DCT2022
	400 x 150	DCT2023
	400 x 200	DCT2024
	500 x 100	DCT2025
	500 x 150	DCT2026
	500 x 200	DCT2027
	500 x 300	DCT2028
	600 x 150	DCT2029
	600 x 200	DCT2030
	600 x 300	DCT2031
	800 x 150	DCT2032
	800 x 200	DCT2033
	800 x 300	DCT2034
	800 x 400	DCT2035
Removable Core	300 x 100 *	DCT1372
	300 x 150	DCT4137
	350 x 100 *	DCT1373
	400 x 150	DCT1374
	400 x 200	DCT1375
	500 x 200	DCT4135
	600 x 300	DCT4133

- Manufactured in high quality aluminium extrusion profiles, powder coated white
- Designed with nylon bushes for efficient, smooth operation
- Deflection blades are adjustable individually
- Standard 20mm blade spacing
- Opposed blade dampers and removable core are available on request
- Special sizes subject to availability

* Suits poly floor boots (see page 133)

Please enquire about any options not listed above that you may wish to order

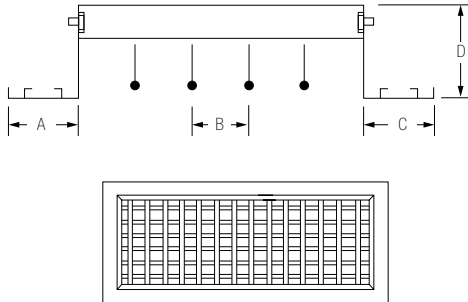


Technical

Neck Size W x D (mm)	Face Vel (m/s)	1.5	2	2.5	3	3.5	4	4.5	5
	Static Pressure (Pa)	9	16	26	37	50	62	83	102
300 x 100	Flow (l/s)	38	51	63	75	90	102	114	129
	Flow (m³/hr)	138	185	228	272	325	371	411	466
	NR (dB(A))	<15	15	23	26	30	35	41	45
300 x 150 400 x 100	Flow (l/s)	56	75	94	114	133	149	168	189
	Flow (m³/hr)	202	272	342	411	479	541	607	684
	NR (dB(A))	<15	15	24	28	30	35	41	46
500 x 100	Flow (l/s)	66	88	111	132	155	178	200	223
	Flow (m³/hr)	238	318	403	476	561	643	723	806
	NR (dB(A))	<15	15	22	28	30	35	40	46
400 x 150	Flow (l/s)	77	102	128	153	178	202	230	256
	Flow (m³/hr)	277	367	462	553	644	731	831	927
	NR (dB(A))	<15	16	24	27	30	35	40	46
400 x 200 500 x 150	Flow (l/s)	86	128	142	169	197	225	255	284
	Flow (m³/hr)	309	462	515	612	714	813	921	1029
	NR (dB(A))	<15	16	23	27	31	35	40	46
500 x 200 600 x 150	Flow (l/s)	113	150	188	226	263	301	338	376
	Flow (m³/hr)	408	544	680	816	952	1088	1224	1360
	NR (dB(A))	<15	17	23	27	31	35	40	46
600 x 200 800 x 150	Flow (l/s)	169	226	282	348	395	451	508	573
	Flow (m³/hr)	612	816	1020	1250	1425	1632	1836	2074
	NR (dB(A))	<15	20	23	27	31	35	40	47
500 x 300 600 x 300 800 x 200	Flow (l/s)	226	301	376	451	526	602	677	752
	Flow (m³/hr)	816	1088	1360	1632	1904	2176	2448	2720
	NR (dB(A))	16	21	24	28	32	37	41	48

Dimensions (mm)

A	B	C	D
25	20	25	45



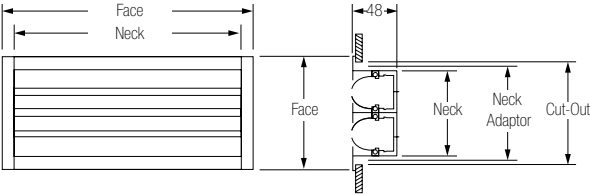
Diffusers

Slot Diffusers

Grilles, Diffusers
and Ducting



Diffuser Only					
Slots	Face Size L x W (mm)	Neck Size L x W (mm)	Neck Adaptor Size L x W (mm)	Cut-Out Size L x W (mm)	Order Code
1	637 x 85	600 x 48	610 x 58	615 x 63	DCT2685
	937 x 85	900 x 48	910 x 58	915 x 63	DCT3548
	1237 x 85	1200 x 48	1210 x 58	1215 x 63	DCT2686
2	637 x 130	600 x 93	610 x 103	615 x 118	DCT2653
	935 x 123	907 x 85	910 x 85	898 x 90	DCT3549
	1237 x 130	1200 x 93	1210 x 103	1215 x 118	DCT2655
	1537 x 130	1500 x 93	1510 x 103	1515 x 118	DCT2688
	1837 x 130	1800 x 93	1810 x 103	1815 x 118	DCT2689
3	1237 x 175	1200 x 138	1210 x 148	1215 x 153	DCT2687
	1837 x 175	1800 x 138	1810 x 148	1815 x 153	DCT2690



Plenum Only			
Slots	Size W x H x D (mm)	Duct Size (mm)	Order Code
1	600 x 230 x 68	150	DCT2677
	900 x 230 68	200	DCT3546
	1200 x 230 x 68	150	DCT2679
2	600 x 230 x 113	150	DCT2678
	273 x 273 x 93	200	DCT3547
	1200 x 230 x 113	200	DCT2680
		300	DCT2654
	1500 x 230 x 113	250	DCT2682
3	1800 x 230 x 113	250	DCT2683
	1200 x 230 x 158	250	DCT2681
	1800 x 230 x 158	300	DCT2684

- The SLLS linear ceiling diffuser can be used in T-bar ceiling suspension system and other ceiling types as well
- The diffuser incorporates curved blade pattern controllers for adjustment of air distribution
- Approximately 38% free area when blades are fully open

Information

Housing	Finish	Controller Vane Finish	Slots
Extruded aluminium A6063	Baked white powder coated	Black anodised	1-6



Technical

Slots	Duct (mm)	Length (mm)								
1	150	600	Static Pressure (Pa)	4	8	14	23	33	45	58
			Throw (m)	1.8-3.4	2.7-4.0	3.4-4.6	3.7-5.2	0.4-5.5	4.3-6.1	4.6-6.4
			Flow (l/s)	14	21	28	36	43	50	57
			Flow (m³/hr)	51	77	102	128	153	179	204
			NR (dB(A))			26	31	35	38	42
		1200	Static Pressure (Pa)	3	8	14	21	31	42	55
			Throw (m)	0.6-2.7	2.7-4.0	2.7-4.6	3.7-5.2	0.4-5.5	4.3-6.1	4.6-6.4
			Flow (l/s)	21	32	43	53	64	75	85
			Flow (m³/hr)	77	116	153	192	230	269	306
			NR (dB(A))			25	30	35	38	41
2	150	600	Static Pressure (Pa)	3	7	12	20	28	39	52
			Throw (m)	0.9-3.7	2.1-5.8	0.4-7.9	5.2-10.1	6.1-11.9	0.7-12.8	8.2-13.7
			Flow (l/s)	19	30	40	51	61	72	83
			Flow (m³/hr)	68	107	145	184	221	260	298
			NR (dB(A))			24	29	34	37	41
	200	1200	Static Pressure (Pa)	5	9	14	21	29	39	49
			Throw (m)	1.5-4.0	2.7-5.2	3.7-6.1	4.3-6.7	5.2-7.3	8.5-7.6	5.8-8.2
			Flow (l/s)	43	59	76	92	109	125	142
			Flow (m³/hr)	153	213	272	332	391	451	510
			NR (dB(A))			24	29	33	36	39
3	250	1200	Static Pressure (Pa)	4	7	12	18	26	35	45
			Throw (m)	2.4-5.5	0.4-7.0	5.2-7.9	6.1-8.8	6.7-9.4	7.3-10.4	7.9-11.0
			Flow (l/s)	71	102	132	163	194	224	255
			Flow (m³/hr)	255	366	476	587	697	808	918
			NR (dB(A))			24	29	33	37	40

Grilles, Diffusers and Ducting



Floor Registers

Floor Registers

Grilles, Diffusers
and Ducting



Standard



Kick Rail

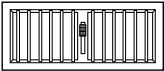


Description	Type	Neck Size W x H (mm)	Colour	Order Code
Side Flow	Poly	300 x 100	Beige	DCT0914
			White	DCT0247
			Chocolate	DCT1137
		350 x 150	Slate Grey	DCT0249
			Beige	DCT0713
			White	DCT1052
	Metal - Standard	300 x 100	Beige	DCT2213
		350 x 150	Beige	DCT2214
	Metal - Kick Rail	300 x 50	White	DCT2209
		350 x 50	White	DCT2211
Front Flow	Poly	300 x 100	Chocolate	DCT0983
		350 x 150	Beige	DCT0752
			Slate Grey	DCT0754
			White	DCT1059
			Chocolate	DCT0960

- Manufactured from V2 fire rated high impact polycarbonate
- Positive shut-off, resistant to scratching and fading
- Powder-coated metal
- Improved air flow control

Dimensions (mm)

Description	Size	Face Size	Neck Size	Spigot Length
Floor Register	300 x 100	345 x 140	298 x 98	50
	350 x 150	392 x 190	348 x 148	63
Kick Rail	300 x 50	345 x 100	300 x 51	40
	350 x 50	395 x 100	348 x 51	46



Floor Boots



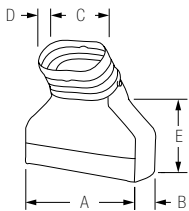
Description	Size W x H : Ø (mm)	Recommended Airflow (approx. l/s)	Order Code
Poly	300 x 100 : Ø 150	65	DCT0714
	350 x 150 : Ø 200	90	DCT0715
	350 x 150 : Ø 250	140	DCT0716
Metal	300 x 50 : Ø 150	65	DCT2215
	300 x 100 : Ø 150	65	DCT1449
	350 x 50 : Ø 150	65	DCT2216

Grilles, Diffusers
and Ducting

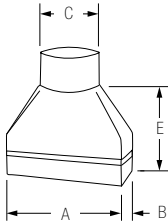
- Poly boot manufactured from high density polyethylene
- Metal boot manufactured from galvanised steel
- UV stabilised
- Robust, heavy duty with smooth internal lines
- Complete with collar and damper
- Positive lock duct tabs, nail holes pre-punched

Dimensions (mm)

Description	Size (mm)	Neck Size A x B (mm)	Spigot Size C x D (mm)	Boot Length E (mm)
Poly	300 x 100 : Ø 150	300 x 100	180 x 90	220
	350 x 150 : Ø 200	355 x 150	250 x 110	250
	350 x 150 : Ø 250	355 x 150	340 x 110	250
Metal	300 x 50 : Ø 150	300 x 50	Ø 150	250
	300 x 100 : Ø 150	300 x 100	Ø 150	250
	350 x 50 : Ø 150	350 x 50	Ø 150	250



Poly



Metal



LOW PROFILE FLAT CHANNEL DUCTING SYSTEMS



DCT0013

110mm x 54mm (equivalent to 100mm Ø)

- Suitable for applications requiring low extraction rates (i.e. laundries and toilets).
- 5940mm² cross-section provides efficient ducting for short, straight runs connecting to a 100mm round spigot.



DCT0519

204mm x 60mm (equivalent to 125mm Ø)

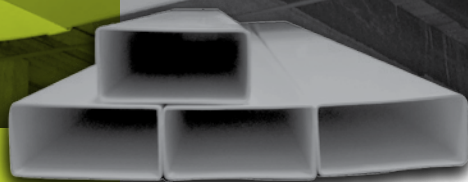
- Suitable for ducting of range hoods with 100mm, 125mm or 150mm round exhaust spigots.
- 12240mm² cross-section increases efficiency.



DCT1443

220mm x 90mm (equivalent to 150mm Ø)

- Suitable for high performance extraction or supply.
- 19800mm² cross-section makes it highly efficient and higher extraction rates are achieved.



The Manrose range of low profile modular ducting systems include the most comprehensive range of flat channel ducting, connectors, reducers and accessories, offering you reliable ducting solutions to every application. Designed with significant advantages over conventional round and flexible systems, low profile ducting is easily concealed when installed along the top of wall units. It can also be fitted in ceiling voids and cavity walls, providing versatility whilst remaining unobtrusive. All Manrose system parts and channels are made from flame-retardant material.

System Profiles Channel

Low profile ducting is easily concealed when installed along the top of wall units. It can also be fitted into ceiling and wall cavities, providing versatility whilst remaining unobtrusive. All system components are made from flame retardant material. Maximum temperature 60°C.

110mm x 54mm

(equivalent to 100mm Ø)



- Suitable for applications requiring low extraction rates (i.e. laundries and toilets)
- 5940mm² cross-section provides efficient ducting for short, straight runs connecting to a 100mm round spigot

204mm x 60mm

(equivalent to 125mm Ø)



- Suitable for ducting of range hoods with 100mm, 125mm or 150mm round exhaust spigots
- 12240mm² cross section increases efficiency

220mm x 90mm

(equivalent to 150mm Ø)



- Suitable for high performance extraction or supply
- 19800mm² cross section makes it highly efficient and higher extraction rates are achieved

Duct (M)



Duct (mm)	Dimensions W x H x D (mm)	Flow Rate Resistance (Pa)								Order Code
		10 (l/s)	12 (l/s)	25 (l/s)	40 (l/s)	50 (l/s)	60 (l/s)	120 (l/s)	180 (l/s)	
110 x 54	110 x 54 x 1500	1.5	2.4	9.1	19.8	25.9	32	-	-	DCT0013
204 x 60	204 x 60 x 1500	<1	<1	1.5	4.5	5.9	78	-	-	DCT0519
220 x 90	220 x 90 x 1500	-	-	-	-	-	1.4	4.9	10.2	DCT1443

Connectors (F to F)



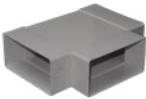
Duct (mm)	Dimensions W x H x D (mm)	Flow Rate Resistance (Pa)								Order Code
		10 (l/s)	12 (l/s)	25 (l/s)	40 (l/s)	50 (l/s)	60 (l/s)	120 (l/s)	180 (l/s)	
110 x 54	114 x 54 x 100	<1	<1	1.4	3.4	4.8	6.4	-	-	DCT0014
204 x 60	212 x 64 x 100	<1	<1	<1	<1	1.2	1.5	-	-	DCT0520
220 x 90	224 x 95 x 52	-	-	-	-	-	<1	<1	<1	DCT1442



Low Profile Flat Channel Ducting

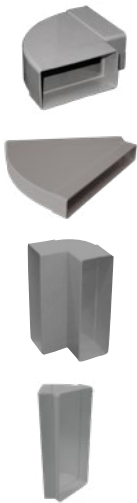
Horizontal T-Pieces (F to F)

Grilles, Diffusers
and Ducting



Duct (mm)	Dimensions W x H x D (mm)	Flow Rate Resistance (Pa)								Order Code
		10 (l/s)	12 (l/s)	25 (l/s)	40 (l/s)	50 (l/s)	60 (l/s)	120 (l/s)	180 (l/s)	
110 x 54	143 x 60 x 174	(installation dependent)						-		DCT1479
204 x 60	245 x 65 x 279	(installation dependent)						-		DCT1114
220 x 90	280 x 95 x 250	-						(installation dependent)		DCT3126

Horizontal and Vertical Bends (F to F)



Duct (mm)	Dimensions W x H x D (mm)	Flow Rate Resistance (Pa)								Order Code
		10 (l/s)	12 (l/s)	25 (l/s)	40 (l/s)	50 (l/s)	60 (l/s)	120 (l/s)	180 (l/s)	
Horizontal 90° Bends										
110 x 54	152 x 60 x 152	2.6	9.9	38	93	124	162	-		DCT0125
204 x 60	260 x 65 x 260	1.4	1.7	8.4	18	25	34	-		DCT0524
220 x 90	250 x 95 x 250	-					9	36	80	DCT1448
Horizontal 45° Bends										
220 x 90	240 x 95 x 200	-					5	20	46	DCT2701
Vertical 90° Bends										
110 x 54	115 x 95 x 95	3.3	15.5	36	138	190	253	-		DCT0126
204 x 60	210 x 115 x 115	1.1	2.5	5.2	24	33.6	45	-		DCT0525
220 x 90	224 x 117 x 120	-					7	28	66	DCT1447
Vertical 45° Bends										
220 x 90	225 x 110 x 115	-					6	27	65	DCT2700

Round to Rectangular Adaptors



Duct (mm)	Dimensions W x H x D (mm)	Flow Rate Resistance (Pa)								Order Code
		10 (l/s)	12 (l/s)	25 (l/s)	40 (l/s)	50 (l/s)	60 (l/s)	120 (l/s)	180 (l/s)	
Short Adaptors										
Ø 100 (M) : 110 x 54 (F)	110 x 60 x 105	3	4.3	20	43	62	88	-		DCT0127
Ø 100 (M) : 110 x 54 (M)	110 x 60 x 105	3	4.3	20	43	62	88	-		DCT0131
Long Adaptors										
Ø 100 (M) : 110 x 54 (F)	115 x 100 x 180	2.9	4.2	19.8	42	60	86	-		DCT1482
Ø 125 (F) : 204 x 60 (F)	213 x 140 x 213	<1	<1	2.8	6.7	9	11.5	-		DCT0526
Ø 150 (F) : 220 x 90 (F)	225 x 160 x 203	-					3.7	14.1	30.7	DCT1446



Low Profile Flat Channel Ducting

Reducers



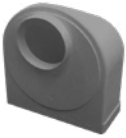
Description	Order Code
110 x 54 : 204 x 60	DCT0136
204 x 60 : 220 x 90	DCT1452

Designed to fit 204 x 60mm flat channel or airbrick

Grilles, Diffusers
and Ducting

Elbow Bends

(with rotating offset spigot)



Duct (mm)	Dimensions W x H x D (mm)	Flow Rate Resistance (Pa)								Order Code
		10 (l/s)	12 (l/s)	25 (l/s)	40 (l/s)	50 (l/s)	60 (l/s)	120 (l/s)	180 (l/s)	
100mm										
Ø 100 (M) : 110 x 54 (F)	115 x 90 x 140	5.6	8	33	74.5	101	137	-	-	DCT0124
Ø 100 (F) : 110 x 54 (F)	115 x 90 x 140	5.6	8	33	74.5	101	137	-	-	DCT0015
Ø 100 (M) : 204 x 60 (F)	215 x 80 x 195	2.9	7.1	28	68.1	92.2	118	-	-	DCT0521
Ø 100 (M) : 220 x 90 (F)	226 x 118 x 240	-					5.3	20.4	44.8	DCT1444
125mm										
Ø 125 (M) : 204 x 60 (F)	215 x 80 x 195	3.1	5.9	25	62.2	86	111	-	-	DCT0522
Ø 125 (M) : 220 x 90 (F)	226 x 118 x 240	-					3.6	14.9	34.4	DCT1440
150mm										
Ø 150 (M) : 204 x 60 (F)	215 x 80 x 195	2.8	4.9	21	41	53	67	-	-	DCT0523
Ø 150 (M) : 220 x 90 (F)	226 x 118 x 240	-					9	34	75	DCT1441

Adjustable Bend - Horizontal



Duct (mm)	Order Code
204 x 60	DCT1480



Low Profile Flat Channel Ducting

Airbrick Inserts

Grilles, Diffusers
and Ducting



Description	Duct (mm)	Dimensions W x H x D (mm)	Flow Rate Resistance (Pa)								Order Code
			10 (l/s)	12 (l/s)	25 (l/s)	40 (l/s)	50 (l/s)	60 (l/s)	120 (l/s)	180 (l/s)	
Horizontal	204 x 60	210 x 65 x 85	3.2	7.8	20.9	96	128	176	-	-	DCT0137
Vertical	204 x 60	65 x 210 x 85	3.2	7.8	20.9	96	128	176	-	-	DCT1414

Horizontal: 110 x 54 duct connection requires reducer DCT0136
 204 x 60 duct connection requires duct connector DCT0520
 Vertical: Comes with duct connector DCT0520

Double Airbrick



Duct (mm)	Dimensions W x H x D (mm)	Flow Rate Resistance (Pa)			Order Code
		60 (l/s)	120 (l/s)	180 (l/s)	
220 x 90	245 x 145 x 80	37.4	74.8	112.2	DCT1450

Double Airbrick Adaptor



Duct (mm)	Dimensions W x H x D (mm)	Flow Rate Resistance (Pa)			Order Code
		60 (l/s)	120 (l/s)	180 (l/s)	
220 x 90	226 x 132 x 52	10.4	37	81.5	DCT1451

Double Airbrick Adaptor to Round Duct

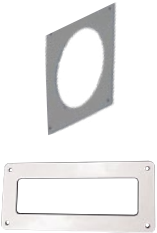


Duct (mm)	Dimensions W x H x D (mm)	Order Code
100/125/150	235 x 140	DCT1453



Low Profile Flat Channel Ducting

Wall/Ceiling Plates



Size (mm)	Dimensions W x H (mm)	Order Code
Round		
Ø 104	155 x 155	DCT0148
Ø 130	170 x 170	DCT0149
Ø 160	200 x 200	DCT0150
Rectangular		
110 x 54	154 x 154	DCT0016
204 x 60	264 x 119	DCT0528

Grilles, Diffusers and Ducting

External Tube Grille



Dimensions	Order Code
Ø 100	DCT2206

Designed to fit directly into round solid tube, for systems ducted straight through an external wall.

External Louvre Grilles



Dimensions	Order Code
Ø 100	DCT2200
Ø 125	DCT2201
Ø 150	DCT2202

Duct Clips



Duct (mm)	Clips Required	Order Code
Horizontal		
110 x 54	1	DCT0134
204 x 60	1	DCT0527
Vertical		
220 x 90	2	DCT1445



Flexible Ducting - Unilok FR1

Grilles, Diffusers
and Ducting

Diameter (mm)	Length (m)	Nude Order Code	Thermally Insulated		
			R0.6 (40mm) Order Code	R1.0 (70mm) Order Code	R1.5 (100mm) Order Code



100	3	DCT1133	-		
	6	DCT1198	-		
125	3	DCT1134	DCT1469		
	6	DCT1143	DCT1204		
150	3	DCT0561	DCT0583	DCT0817	DCT3038
	6	DCT0562	DCT0584	DCT0818	-
200	3	DCT0563	DCT0585	DCT0819	DCT3039
	6	DCT0564	DCT0586	DCT0820	-
250	3	DCT0565	DCT0587	DCT0821	DCT3040
	6	DCT0566	DCT0588	DCT0822	-
300	3	DCT0567	DCT0589	DCT0823	DCT3041
	6	DCT0568	DCT0590	DCT0824	-
350	3	DCT0569	DCT0591	DCT0825	DCT3042
	6	DCT0570	DCT0592	DCT0826	-
400	3	DCT0571	DCT0593	DCT0827	DCT3043
	6	DCT0572	DCT0594	DCT0828	
450	3	DCT0573	DCT0595	DCT0829	
	6	DCT0574	DCT0596		
500	3	DCT0575	DCT0597		
	6	DCT0576			
550	3	DCT0577			

UNILOK FR1 thermally insulated fire retardant ducting is a flexible duct manufactured "tough" for consumer and installer peace of mind. Unlike other types of flexible duct, UNILOK FR1 has an outer steel rib that ensures the product's integrity and correct diameter, even in the tightest bends. Due to its steel rib, it is not prone to glue failure or fatigue (sagging or ovalisation) from vibration with age like plastic ribbed or non-ribbed glued duct.

- Complies with AS4254
- Duct core: A UV resilient fire retardant 100µm black low density polyethylene material mechanically locked into an outer metal helix with a copper coated spring steel wire
- Duct sleeve: Fire retardant 75µm black low density UV-stabilised polyethylene
- Temperature range: Maximum: +80°C, Minimum: -10°C



Flexible Ducting - Unilok FR1

Diameter (mm)	Length (m)	Thermally and Acoustically Insulated		
		R0.6 (40mm)	R1.0 (70mm)	R1.5 (100mm)
		Order Code	Order Code	Order Code



125	3	-	DCT1176	-
150	3	DCT0633	DCT0833	DCT3032
	6	DCT0634	DCT0834	-
200	3	DCT0635	DCT0835	DCT3033
	6	DCT0636	DCT0836	-
250	3	DCT0637	DCT0837	DCT3034
	6	DCT0638	DCT0838	-
300	3	DCT0639	DCT0839	DCT3035
	6	DCT0640	DCT0840	-
350	3	DCT0641	DCT0841	DCT3036
	6	DCT0642	DCT0842	-
400	3	DCT0643	DCT0843	DCT3037
	6	DCT0644	DCT0844	-
450	3	DCT0645	DCT0845	-
500	3	DCT0647	DCT0846	-

UNILOK FR1 thermally and acoustically insulated fire retardant ducting is a flexible duct manufactured "tough" for consumer and installer peace of mind. UNILOK FR1 acoustic ducting is also manufactured "whisper quiet". Unlike other types of flexible duct, UNILOK FR1 has an outer steel rib that ensures the product's integrity and correct diameter, even in the tightest bends. Due to its steel rib, it is not prone to glue failure or fatigue (sagging or ovalisation) from vibration with age like plastic ribbed or non-ribbed glued duct.

- Complies with AS4254
- Designed for low noise air transfer
- Duct core: A UV resilient fire retardant 100µm black low density polyethylene perforated material mechanically locked into an outer metal helix with a copper coated spring steel wire.
- Duct sleeve: Fire retardant 75µm black low density UV-stabilised polyethylene
- Temperature range: Maximum: +80°C, Minimum: -10°C

Insertion Loss, dB Octave Band Centre Frequency: Nominal 3m Length

Acoustic Ducting Sample	125	250	500	1000	2000	4000	8000
150mm UNILOK FR1 R0.6 AI	35.5	39.2	36.0	30.3	29.8	31.5	22.5
300mm UNILOK FR1 R0.6 AI	33.3	35.9	27.3	31.0	28.1	17.0	12.2
400mm UNILOK FR1 R0.6 AI	36.1	30.0	20.6	27.2	26.0	12.7	10.5



Flexible Ducting - ComFlex Premium

Grilles, Diffusers
and Ducting

Diameter (mm)	Length (m)	Nude	Thermally Insulated
			R0.6 (40mm)
		Order Code	Order Code



100	3	DCT0215	DCT0452
	6	DCT0104	
125	3	DCT0216	
	6	DCT0160	
150	3	DCT0217	DCT0427
	6	DCT0107	DCT0428
200	3	DCT0218	DCT0429
	6	DCT0109	DCT0430
250	3	DCT0219	DCT0431
	6	DCT0421	DCT0432
300	3	DCT0111	DCT0433
	6	DCT0422	DCT0434
350	3	DCT0112	DCT0435
	6	DCT0423	DCT0436
400	3	DCT0113	DCT0437
	6	DCT0424	DCT0438

- Complies with AS 4254.1-2021 and AS/NZS 1530.3:1999
- Duct core: Polyester film core with aluminium foil laminated onto both sides
- This composite film is then permanently bonded onto a corrosion resistant, spring steel wire helix
- Duct sleeve: Fire retardant 75µm black low density UV-stabilised polyethylene
- Duct insulation: Polyester R0.6 nominal
- Temperature range: Nude Core - Maximum: +150°C, Minimum: -30°C
- Colour: Silver with black sleeve

Note: No glued/adhesive duct should be installed in a compressed or ovalised state for fear of long-term failure.

TEST COMPLIANCE

Nude Flexible Ducting Test Results	AS 1530 Part 3	Passed
	UL 181 Burning	Passed
	UL 181 Burning	Passed
	UL 181 High & Low Temperature	Passed
	UL 181 Puncture	Passed
	UL 181 Static Load	Passed
	UL 181 Impact	Passed
	UL 181 Pressure	Passed
	UL 181 Collapse	Passed
	UL 181 Tension	Passed



Flexible Ducting - ComFlex

Diameter (mm)	Length (m)	Nude	Nude (Boxed)	Thermally Insulated
		Order Code	Order Code	R0.6 (40mm) Order Code



Grilles, Diffusers
and Ducting

100	1	-	DCT0357	-
	3	DCT0367	DCT0328	
	6	DCT0409	-	
125	1	-	DCT0358	DCT2612
	3	DCT0368	DCT0329	
	6	DCT0410	-	
150	1	-	DCT0359	-
	3	DCT0369	DCT0330	DCT0088
	6	DCT0411	-	DCT0399
200	3	DCT0377	DCT0331	DCT0089
	6	DCT0412	-	DCT0343
250	3	DCT0370	DCT0332	DCT0400
	6	DCT0413	-	DCT0344
300	3	DCT0380		DCT0401
	6	DCT0414		DCT0402
350	3	DCT0415		DCT0403
	6	DCT0416		DCT0404
400	3	DCT0417		DCT0405
	6	DCT0418		DCT0406

- Duct core: Aluminium foil laminated onto polyester film
- Duct sleeve: Fire retardant 75µm black low density UV-stabilised polyethylene
- Temperature range: Maximum: +150°C, Minimum: -30°C
- Colour: Silver with black sleeve

Note:

1. No glued/adhesive duct should be installed in a compressed or ovalised state for fear of long term failure
2. Products with the "order code" shown are generally ex. stock lines - other products are available to order
3. Should you have an ongoing requirement for an item that is not a standard stock line - PLEASE discuss with us and we will review stocking the item for you.



Flexible Ducting - PVC

Grilles, Diffusers
and Ducting

Diameter (mm)	Length (m)	PVC
		Order Code



100	1	DCT0936
	3	DCT0336
125	1	DCT0937
	4	DCT0337
150	1	DCT0938
	5	DCT0338

PVC flexible duct is a product that is extremely versatile in the ventilation industry. It doesn't rot, is non-collapsing. It has an operating temperature of +6° to +50° and is available in a range of sizes from 100mm to 150mm.

- Duct core: spiral wire reinforced PVC film construction
- Non-collapsing/non-rotting
- Vapour-proof
- Fire retardant
- Temperature range: maximum: +50°C ; minimum: 6°C



Semi-Rigid Ducting - SemiDuct

Diameter (mm)	Length (m)	Aluduct	
		Nude	Insulated R0.6*
		Order Code	Order Code



100	1.5	DCT0333	-
	3	DCT0114	
125	1.5	DCT0334	
	3	DCT0115	
150	1.5	DCT0335	DCT2590
	3	DCT0116	
200	3	DCT0117	DCT2589
250	3	DCT0118	DCT2591
300	3	DCT0119	DCT3695
350	3	DCT0120	DCT3696
400	3	DCT0477	-

SEMI-DUCT is also known as semi-rigid aluminium ducting, a lightweight, flexible but strong corrugated aluminium duct. It is spiral wound with a unique interlocked and knotted continuous seam. It is self supporting over longer lengths and generally only needs fittings or mechanical supports, fixings, or similar.

- Duct core: pure aluminium spiral wound with a unique interlocked and knurled continuous seam
- Holds shape, self-supporting
- Temperature range: maximum: +250°C, minimum: -30°C
- Colour: silver

* Sold in kit set form - some assembly required.



Duct Fittings

PVC Tubes

Grilles, Diffusers
and Ducting



Duct (mm)	Length (m)	Finish	Order Code
100	1	Grey	DCT1424
125	1	Grey	DCT1425
	2	Grey	DCT0235
150	1	Grey	DCT1426
	2.5	Grey	DCT3527
	0.5	Grey	DCT1620

Galvanised Steel Tubes



Duct (mm)	Length (m)	Finish	Order Code
100	0.9	Galvanised	DCT0151
		White	DCT0145
125	0.9	Galvanised	DCT0152
		White	DCT0146
	1.2	Galvanised	DCT0953
150	0.9	Galvanised	DCT0153
		White	DCT0147
	1.2	Galvanised	DCT0954

PVC Bends



Duct (mm)	Bend	Order Code
100	90°	DCT3770
	45°	DCT3775
125	90°	DCT3771
150	90°	DCT3772



Reducers

Duct (mm)	PVC	Poly	Insulated	Metal
	Order Code	Order Code	Order Code	Order Code
				
125-100	DCT2067	-	-	-
150-100	DCT2122			
150-125	DCT2066			
200-125	-			
200-150	DCT0085	DCT0486	DCT0901	DCT0084
225-150	-	-	-	DCT0078
250-150	DCT0442			DCT0162
250-200	-	DCT0487	DCT0902	-
300-250		DCT0488	DCT0903	
315-300		-	-	
350-300		DCT0489	DCT0904	-
400-350		DCT0490	DCT0905	
450-300		-	DCT0916	
500-450			DCT4237	

- Poly - High Density Polyethylene (HDPE)
- Heavy duty, robust, positive lock duct tabs

Duct Joiners/Spigots/Fitting Joiners

Duct (mm)	PVC Joiners	Metal Joiners - Long	Metal Joiners - Short
	Order Code	Order Code	Order Code
			
100	DCT0159	-	-
125	DCT0234		DCT0037
150	DCT3528		DCT0059
200	-	DCT0723	DCT0071
250		DCT0724	DCT0339
300		DCT0725	-
350		DCT0726	
400		DCT0770	
450		DCT0771	
500		DCT0772	
		-	DCT1157

- Heavy duty, robust, positive lock duct tabs.

Please enquire about any options not listed above that you may wish to order



Duct Fittings

Cable Ties



Duct (mm)	Length (mm)	Order Code
100	450	FAN0274
125	550	FAN0281
150	800	FAN0282

Duct Straps



Description	Width (mm)	Length (m)	Order Code
Plastic (with clips)	12	3	DCT2299
Woven	25	50	DCT0808

Duct Tape



Width (mm)	Length (m)	Colour	Order Code
48	5	Grey	DCT0173
	30	Grey	DCT0807
		Black	DCT4142
	108	Silver UL181	DCT3232

Hanging Duct Straps



Width (mm)	Order Code
Orange Velcro	DCT3979
Silver Duct Saddle	DCT4330
Flexiright Duct Elbow	DCT4331

Kwik Uncoated Galvanised Wire Rope



Size Dia (mm)	Length (m)	Order Code
1.6	1	DCT4333
2.3	1	DCT4334
3.2	1	DCT4336
4.8	1	DCT4337

Kwik Uncoated Galvanised Wire Rope Clamps

Kwik Uncoated Galvanised Rope	Order Code
1.6mm & 2.3mm	DCT4332
3.2mm & 4.8mm	DCT4335

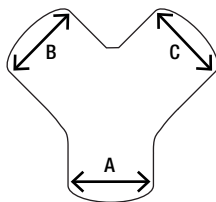


Inline Backdraught Shutters



Duct (mm)	PVC	Metal
	Order Code	Order Code
100	FAN0213	-
125	DCT0036	-
150	DCT0511	DCT2692
200	-	DCT2092
315	DCT2337	-

Y Branch



Duct (mm) A-B-C	PVC	Poly	Insulated	Metal
	Order Code	Order Code	Order Code	Order Code
100-100-100	DCT2182	-	-	-
125-125-125	DCT2183			-
150-100-100	-			DCT0079
150-125-125	-			DCT0707
150-150-150	DCT2184	DCT1233	DCT4346	-
200-150-150	-	DCT0379	DCT0865	
200-200-200		-	DCT0955	
250-200-200		DCT0471	DCT0866	
300-250-250		DCT0717	DCT0868	
300-300-300	-	DCT0494	DCT0869	
350-250-250		DCT1433	DCT1034	
350-300-300		DCT0718	DCT0870	
350-350-350		DCT0776	DCT0871	
400-300-300	-	DCT0777	DCT0872	
400-350-300		DCT0813	DCT0873	
400-350-350		DCT0778	DCT0874	
400-400-350	-	DCT1116	DCT1128	

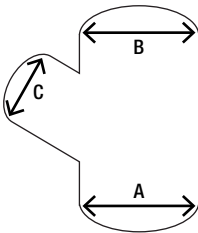
- Manufactured from HDPE
- UV stabilised
- Heavy duty, robust
- Smooth internal lines
- No sharp edges
- Positive lock duct tabs
- Insulation meets AS1530 Part 3
- Insulation material LDPE, thickness 5mm



Duct Fittings

Branch Take Off (BTO)

Grilles, Diffusers
and Ducting



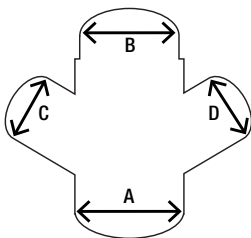
Duct (mm) A-B-C	Poly	Insulated	Metal
	Order Code	Order Code	Order Code
125-125-125	-	-	DCT0075
150-150-100	-	-	DCT0080
150-150-150	DCT0091	DCT0875	
200-150-150	DCT0719	DCT0876	
200-200-150	DCT0460	DCT0877	
200-200-200	DCT0461	DCT0878	
250-150-150	DCT1063	DCT0967	
250-200-150	DCT1064	-	
250-200-200	DCT0462	DCT0879	
250-250-150	DCT0463	DCT0880	
250-250-200	DCT0720	DCT0881	
250-250-250	DCT0464	DCT0882	
300-200-200	DCT1129	DCT1130	
300-250-200	DCT0721	DCT0883	
300-250-250	DCT0730	DCT0884	
300-300-200	DCT0978	DCT1094	
300-300-250	DCT0979	DCT1015	
300-300-300	DCT0491	DCT0885	
350-250-250	DCT0465	DCT0886	
350-300-200	DCT0915	DCT0945	
350-300-300	DCT0493	DCT0887	
350-350-200	DCT4432	DCT4433	

- Manufactured from HDPE
- UV stabilised
- Heavy duty, robust
- Smooth internal lines
- No sharp edges
- Positive lock duct tabs
- Insulation meets AS1530 Part 3
- Insulation material LDPE, thickness 5mm

Please enquire about any options not listed above that you may wish to order



Double Branch Take Off (DBTO)



Duct (mm) A-B-C-D	Poly	Insulated
	Order Code	Order Code
150-100-100-100	-	-
200-150-150-150	DCT0090	DCT0889
250-150-150-150	DCT0467	DCT0890
250-200-150-150	DCT0480	DCT0891
250-200-200-200	DCT1422	DCT0973
300-200-200-200	DCT0481	DCT0893
300-250-200-200	DCT0482	DCT0894
300-250-250-250	DCT0722	DCT0895
300-300-200-200	DCT0483	DCT0896
350-250-200-200	DCT0470	DCT0897
350-250-250-250	DCT0469	DCT0898
350-300-200-200	DCT2060	-
350-300-250-250	DCT0484	DCT0899
350-350-200-200	DCT0485	DCT0900

- Manufactured from HDPE
- UV stabilised
- Heavy duty, robust
- Smooth internal lines
- No sharp edges
- Positive lock duct tabs
- Insulation meets AS1530 Part 3
- Insulation material LDPE, thickness 5mm

Please enquire about any options not listed above that you may wish to order



Duct Fittings

Duct Silencers



Duct (Ø mm)	Tube Size (Ø mm)	Length (mm)	Order Code
125	225	600	DCT2617
150	260	600	DCT2090
		900	DCT3112
200	315	600	DCT2630
		900	DCT3113
250	355	600	DCT3114
		900	DCT3115
315	450	600	DCT3116
		900	DCT3117

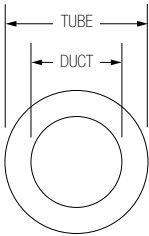
- Easily fitted for circular ducts
- Effectively reduces noise in the duct
- More than one silencer can be used together in installations, where noise reduction is a particularly strong requirement
- Other sizes available on request

Technical

Easily fitted silencer for circular ducts, fitted with a connection that complies with the spiral duct standard. The silencer effectively reduces noise in the duct. Two silencers can be used together in installations where noise reduction is a particularly strong requirement.

For the most effective noise reduction, the silencer should be fitted immediately behind the fan or bend. The silencer should be used together with an insulated fan where there is a requirement for noise reduction both in the duct and in the surroundings as a whole.

Noise suppression dB (mid-frequency Hz)								
LDC	63	125	250	500	1k	2k	4k	8k
100-300	2	2	6	14	21	25	20	11
100-600	4	3	11	24	36	49	34	17
100-900	5	4	15	34	50	50	48	23
100-1200	6	5	19	45	50	50	50	29
125-600	3	3	9	23	30	40	22	14
125-900	4	4	12	33	45	50	30	17
125-1200	5	5	15	43	50	50	38	21
150-600	-	3	7	20	27	31	16	11
160-600	2	3	7	19	27	29	14	11
160-900	2	4	10	28	42	43	20	15
200-600	2	3	7	16	21	23	9	8
200-900	2	4	8	24	32	34	13	10
250-600	3	2	7	13	17	16	8	6
250-900	3	4	8	20	26	23	10	8
315-600	0	2	6	11	14	9	4	5
315-900	1	3	7	16	22	12	6	7
355-900	-	3	6	13	18	10	6	7
400-900	1	3	5	10	13	7	5	6



Opposed Blade Dampers

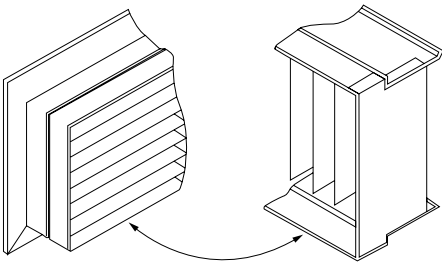
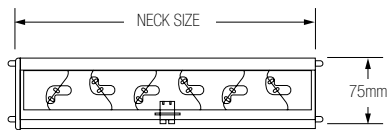


Neck Size W x H (mm)	Order Code
150 x 150	DCT2015
157 x 157	DCT1970
300 x 300	DCT2017
300 x 150	DCT4138
360 x 360	DCT2018
450 x 450	DCT2019
500 x 200	DCT4136
600 x 300	DCT4134

Grilles, Diffusers
and Ducting

- Manufactured in high quality aluminium extrusion profiles
- Designed with nylon bearings for efficient, smooth operation
- Clips onto one piece 4-way aluminium diffusers
- Powder coated black
- Opposed blade damper design to ensure regulation of airflow
- Screw type opening mechanism
- Special sizes are subject to availability

Technical



Duct Fittings

T-Branch Damper

Grilles, Diffusers
and Ducting



Duct (mm)	Order Code
150	DCT1495
200	DCT1500

- Standard 240V Drive Open, Drive Close (D.O.D.C) motor attached
- Manufactured from ABS plastic
- Single damper motor and paddle control to direct airflow into or from selected branch
- Designed for both dual supply air and extract air applications
- Smooth aesthetic lines

Motorised Barrel Damper



Duct (mm)	Order Code
150	DCT1168
200	DCT1123
250	DCT1124
300	DCT1125
350	DCT1126
400	DCT1127

- Standard 240V Drive Open, Drive Close (D.O.D.C) motor attached
- Other voltages available upon request
- Manufactured from HDPE
- Braced for strength with 2 x 6mm steel rod rings
- 100% positive shut off and positive lock duct tabs
- Insulation meets AS1530 Part 3

Manual Barrel Damper



Duct (mm)	Order Code
150	DCT0787
200	DCT0706
250	DCT0788
300	DCT2706

- Manufactured from HDPE
- Complete with hand quadrant
- Braced for strength with 2 x 6mm steel rod rings
- Positive lock duct tabs
- Insulation meets AS1530 Part 3

Note: Nude combination fittings will be supplied in component form. We do NOT assemble.

Please enquire about any options not listed above that you may wish to order.



Cushion Boxes

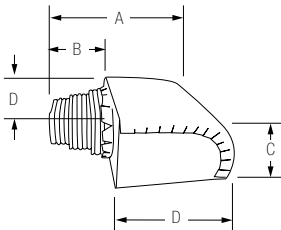
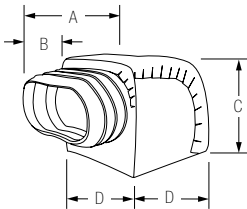


Model	Size (mm)	Order Code
Nude	225 x 225 : Ø 150	DCT0993
	225 x 225 : Ø 200	DCT0992
	300 x 300 : Ø 250	DCT0971
	300 x 300 : Ø 300	DCT0994
Nude Stepped	450/435 x 450/435 : Ø 300/Ø 250/Ø 200 *	DCT1356
Insulated	225 x 225 : Ø 150	DCT1004
	225 x 225 : Ø 200	DCT1003
	300 x 300 : Ø 200	DCT1006
	300 x 300 : Ø 250	DCT0972
	375 x 375 : Ø 300	DCT0996
	550 x 375 : Ø 350	DCT2986
Insulated Stepped	450/435 x 450/435 : Ø 300/Ø 250/Ø 200 *	DCT1417

* Cut to suit size required.

Dimensions (mm)

Model	Size	A	B	C	D	Spigot Size
Nude and Insulated	225 x 225 : Ø 150	310	90	196	226	115 x 180
	225 x 225 : Ø 200	310	90	196	226	115 x 226
	300 x 300 : Ø 200	395	90	200	304	110 x 226
	300 x 300 : Ø 250	395	90	200	304	110 x 330
Nude and Insulated Stepped	450/435 x 450/435 : Ø 200	540	90	250	450	125 x 235
	450/435 x 450/435 : Ø 250	540	90	250	450	145 x 300
	450/435 x 450/435 : Ø 300	540	90	250	450	190 x 350



Duct Fittings

Neck Adaptors

Grilles, Diffusers
and Ducting

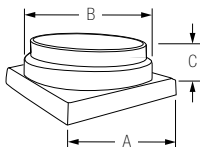
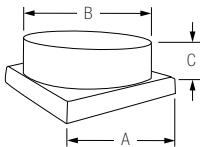


Description	Size (mm)	Spigot Size (Ø mm)	Order Code
Neck Adaptor - No Damper	225 x 225	150	DCT0681
		200	DCT0545
	300 x 300	250	DCT0497
		300	DCT0509
	375 x 375	250	DCT0547
		300	DCT0549
		350	DCT0553
		400	DCT0555
Neck Adaptor - With Damper	225 x 225	150	DCT0683
		200	DCT0741
	300 x 300	300	DCT0499
		375 x 375	250
	300		DCT0559
	350	DCT0661	
Neck Adaptor - With Stepped Spigot - No Damper	450 x 450	300/350	DCT1406
		400/450	DCT1407
	550 x 550	300/350	DCT1408
		400/450	DCT1409
		500/550	DCT1410
		Spigot Converter	
250 to 200	DCT0965		

- Poly Adaptor "snaps on" to plastic diffusers, no tools or fixing required
- Manufactured from high impact polystyrene, positive lock duct tabs
- Poly neck adaptors to suit UniVents, CD2000 and some aluminium diffusers

Dimensions (mm)

Model	Size	A	B	C
		Neck Size	Spigot Diameter	Spigot Length
Neck Adaptor	225 x 225 : Ø 150	214	Ø 146	70
	225 x 225 : Ø 200	214	Ø 198	70
	300 x 300 : Ø 250	287	Ø 248	70
	300 x 300 : Ø 300	287	Ø 298	70
	375 x 375 : Ø 250	360	Ø 248	70
	375 x 375 : Ø 300	360	Ø 298	70
	375 x 375 : Ø 350	360	Ø 348	70
	375 x 375 : Ø 400	360	Ø 398	70
Neck Adaptor Stepped Spigot	450 x 450 : Ø 300/350	448	Ø 295/Ø 345	60/60
	450 x 450 : Ø 400/450	448	Ø 395/Ø 445	60/60
	550 x 550 : Ø 300/350	550	Ø 295/Ø 345	60/60
	550 x 550 : Ø 400/450	550	Ø 395/Ø 445	60/60
	550 x 550 : Ø 500/550	550	Ø 495/Ø 545	60/60



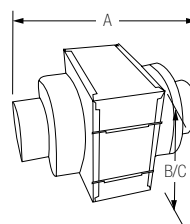
Inline Filters



Filter	Duct (mm)	Housing	Order Code
F7	150	Metal	DCT4612
	200	Metal	DCT4558
G4	150	Metal	DCT2073
	200	Metal	DCT0009
HEPA/Carbon	150	Metal	DCT2281
	200	Metal	DCT2282
F7/Carbon	150	Metal	DCT2279
	200	Metal	DCT2280

Dimensions (mm)

Model	A	B	C
F7 Inline Filter	430	300	300



Replacement Inline Filter Cartridges

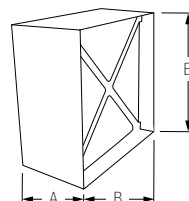


Filter	Cartridge Size (mm)	Order Code
F7	300 x 300	DCT2093
G4	225 x 225	DCT2221
	300 x 300	DCT2222
HEPA/Carbon	300 x 300	DCT2278
F7/Carbon	300 x 300	DCT2277

High grade F7 filters capture up to 90% of 0.4 micron particles.

Dimensions (mm)

Model	A	B
F7 Inline Filter Cartridge	150	300



Sock Filter - G4



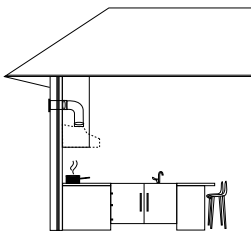
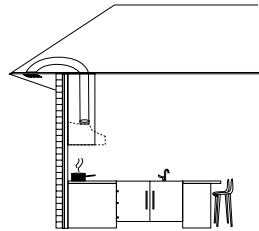
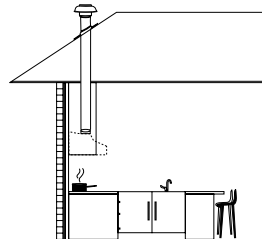
Description	Duct (mm)	Order Code
Sock Filter	150	DCT1411
Sock Filter Frame	150	DCT1412

G4 grade sock filters capture up to 90% of particles larger than 5 microns.



Ducting Kits

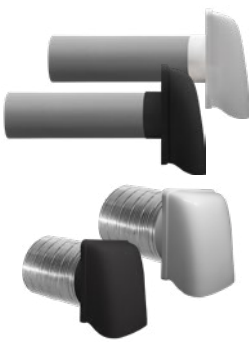
Rangehood Ducting Kits

Through Wall	Duct (mm)	Description	Grille	Order Code
 	125	Rear Vent	Gravity Grille	DCT1162
	150	Top and Rear Vent	Weatherproof Cowl	DCT2592
Through Soffit	Duct (mm)	Description	Grille	Order Code
 	150	Flexible Duct	Fixed Grille	DCT1161
		Galvanised Tube	Fixed Grille	DCT1259
		Semi Rigid	Eggcrate Grille	DCT2323
Through Roof	Duct (mm)	Description	Order Code	
  	150	Iron Roof	DCT2324	
		Tiled Roof	DCT2325	
Round Rangehood Adaptor	Description			Order Code
	Rectangular 330 x 150 to 125 round rangehood adaptor			DCT1360

- Semi-rigid ducting is used in our systems to reduce the rangehood system noise and increase air flow performance
- Fully complies with AS/NZS 60335.2.80
- For added weather protection use the weatherproof cowl as included in DCT2592
- All through soffit systems include 3 metres of aluminium duct and the galvanised tube system also includes 900mm of solid tube



Through-Wall Ducting Kit



Type	Duct (mm)	Description	Order Code
Through Wall	150	Chateau Through Wall Rigid Kit - White	DCT1543
		Chateau Through Wall Rigid Kit - Black	DCT1544
	125	Chateau Through Wall Rigid Kit - White	DCT1541
		Chateau Through Wall Rigid Kit - Black	DCT1542
	150	Chateau Through Wall Semi-Rigid Kit - White	DCT0310
		Chateau Through Wall Semi-Rigid Kit - Black	DCT0311
	125	Chateau Through Wall Semi-Rigid Kit - White	DCT0308
		Chateau Through Wall Semi-Rigid Kit - Black	DCT0309

- 375mm Rigid PVC ducting - easily cut to length via hacksaw
- Chateau Cowl includes integrated monofilm backdraught shutter
- More effective than traditional ducting at maintaining watertightness in homes with a ventilation cavity

Dryer Ducting Kit



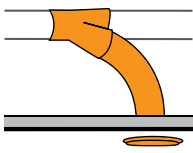
Type	Duct (mm)	Description	Order Code
Through Wall	100	Rear Vent	DCT1263

- This ducting kit is designed for inverted and wall mounted dryers
- Freestanding dryers on the floor will require extra rectangular ducting and connector (Order Code: DCT0013 & DCT0014)
- This ducting kits suits dryers with a 100mm outlet. The square to round elbow will fit snugly onto most 100mm dryer outlets.
- 3m flexible aluminium Aluduct (-30°C to 150°C)
- 0.75m flat channel duct
- 2 x rectangular to round 90° elbow bends
- 100mm white eggcrate grille
- All fixings and fittings included

HeatTrans Extension Kit



Type	Duct (mm)	Description	Order Code
Extension Kit	150	HeatTrans	DCT2101

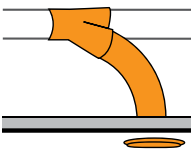


- Designed to extend your heat transfer systems to additional rooms
- 1 x Y-branch
- 1 x 3 metres - 150mm acoustic insulated ducting
- 1 x adjustable round diffuser
- All fixing and fittings included

SmartVent Extension Kit



Type	Duct (mm)	Description	Order Code
Extension Kit	150	SummerVent	DCT2276



- Designed to extend your home ventilation systems to additional rooms
- 1 x Y-branch
- 1 x 3 metres - 150mm acoustic insulated ducting
- 1 x adjustable round diffuser
- All fixing and fittings included



Ducting Kits

Inline Heat-Fan-Light System Ducting Kits

Grilles, Diffusers
and Ducting



Type	Duct (mm)	Description	Order Code
220mm Outlet Fan	150	Through Soffit	DCT0167
		Through Roof	DCT0170
	200	Through Soffit	DCT0168
	250	Through Soffit	DCT0169
250mm Outlet Fan	150	Through Roof	DCT0444
	200	Through Soffit	DCT0445
	250	Through Soffit	DCT0072

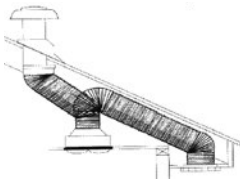
Through Soffit Kits include:

- Adaptor to fit to the rear of the fan, 3 metres of flexible ducting and an exterior louvre grille

Through Roof Kits include:

- Adaptor to fit to the rear of the fan, 1.5 metres of flexible ducting, 0.5 metres of 150mm high density polyethylene (HDPE) tubing, a tube fastening bracket, an aluminium cowl and roof flashing plus approved fastenings

Suitable for a range of fans



Open Back Fan Ducting Kits

300mm Cowl	Duct (mm)	Description	Order Code
	150	Through Roof	DCT0202
	250	Through Soffit	DCT0200
340mm Cowl	Duct (mm)	Description	Order Code
	150	Through Roof	DCT0205
		Through Soffit	DCT0204
	250	Through Soffit	DCT0203

300mm and 340mm kits are suitable for a range of fans

Through Soffit Kits include

- Adaptor to fit to the rear of the fan, 3 metres of flexible ducting and an exterior louvre grille

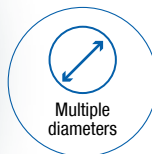
Through Roof Kits include

- Adaptor to fit to the rear of the fan, 1.5 metres of flexible ducting, 0.5 metres of 150mm high density polyethylene (HDPE) tubing, a tube fastening bracket, an aluminium cowl and roof flashing, plus approved fastenings.



Vent-Axia® Uniflex^{plus} +

A semi-rigid air distribution system,
designed for quick and easy
installation.



**Vent-Axia UniflexPlus is an indent range,
please contact us with your project details today!**

Contact SmartVent design team to get a ventilation design
design@smartvent.co.nz



AIR DISTRIBUTION SYSTEM

UniflexPlus is a patented air distribution system for ventilation which can be used in homes, apartments and small buildings. Suitable for both air supply and exhaust.

It is available in two diameters (69mm and 90mm) and with three spigots sizes (Ø125mm, Ø160mm and Ø180mm) so that it is a flexible solution for every situation.



RV Adjustable Valve



- One valve for air supply and extraction: suitable for up to 75m³/h.
- Easy to adjust: 26 lockable positions for setting the air volume.
- Excellent performance: the lowest noise and pressure drop values.
- Same appearance for each volume of air: external dimension stay the same irrespective of the selected setting.
- Low turbulence airflows: prevents accumulation of dirt around the valve.



Distribution Boxes – Side Connection

9 x Ø69mm	Description	Order Code
	Small distribution box 9 x Ø69mm side connection + 220 x 80mm	VKS699228X80
	Small distribution box 9 x Ø69mm side connection + HØ125mm	VKS699H125
	Small distribution box 9 x Ø69mm side connection + VØ125mm	VKS699V125
15 x Ø69mm	Description	Order Code
	Large distribution box 15 x Ø69mm side connection + 220 x 80mm	VK6915220X80
	Large distribution box 15 x Ø69mm side connection + HØ125mm	VK6915H125
	Large distribution box 15 x Ø69mm side connection + VØ125mm	VK6915V125
3 x Ø90mm	Description	Order Code
	Small distribution box 3 x Ø90mm side connection + 220 x 80mm	VKS903220X80
	Small distribution box 3 x Ø90mm side connection + HØ125mm	VKS903H125
	Small distribution box 3 x Ø90mm side connection + VØ125mm	VKS903V125



Distribution Boxes – Side Connection

5 x Ø90mm	Description	Order Code
	Large distribution box 5 x Ø90mm side connection + 220 x 80mm	VK905220X80
	Large distribution box 5 x Ø90mm side connection + HØ125mm	VK905H125
	Large distribution box 5 x Ø90mm side connection + VØ125mm	VK905V125
6 x Ø90mm	Description	Order Code
	Small distribution box 6 x Ø90mm side connection + 220 x 80mm	VKS90622X80
	Small distribution box 6 x Ø90mm side connection + HØ125mm	VKS906H125
	Small distribution box 6 x Ø90mm side connection + VØ125mm	VKS906V125
10 x Ø90mm	Description	Order Code
	Large distribution box 10 x Ø90mm side connection + 220 x 80mm	VK9010220X80
	Large distribution box 10 x Ø90mm side connection + HØ125mm	VK9010H125
	Large distribution box 10 x Ø90mm side connection + VØ125mm	VK9010V125



Distribution Boxes – Side Connection with Spigot

12 x Ø69mm	Description	Order Code
	Small distribution box 12 x Ø69mm side connection with spigot Ø125mm	VTVGS6912V125
	Small distribution box 12 x Ø69mm side connection with spigot Ø160mm	VTVGS6912V160
	Small distribution box 12 x Ø69mm side connection with spigot Ø180mm	VTVGS6912V180
18 x Ø69mm	Description	Order Code
	Large distribution box 18 x Ø69mm side connection with spigot Ø160mm	VTVG6918V160
	Large distribution box 18 x Ø69mm side connection with spigot Ø180mm	VTVG6918V180
4 x Ø90mm	Description	Order Code
	Small distribution box 4 x Ø90mm side connection with spigot Ø125mm	VTVGS904V125
	Small distribution box 4 x Ø90mm side connection with spigot Ø160mm	VTVGS904V160
	Small distribution box 4 x Ø90mm side connection with spigot Ø180mm	VTVGS904V180



Distribution Boxes – Side Connection with Spigot

6 x Ø90mm	Description	Order Code
	Large distribution box 6 x Ø90mm side connection with spigot Ø125mm	VTVG906V125
	Large distribution box 6 x Ø90mm side connection with spigot Ø160mm	VTVG906V160
	Large distribution box 6 x Ø90mm side connection with spigot Ø180mm	VTVG906V180
8 x Ø90mm	Description	Order Code
	Small distribution box 8 x Ø90mm side connection with spigot Ø125mm	VTVGS908V125
	Small distribution box 8 x Ø90mm side connection with spigot Ø160mm	VTVGS908V160
	Small distribution box 8 x Ø90mm side connection with spigot Ø180mm	VTVGS908V180
12 x Ø90mm	Description	Order Code
	Large distribution box 12 x Ø90mm side connection with spigot Ø125mm	VTVG9012V125
	Large distribution box 12 x Ø90mm side connection with spigot Ø160mm	VTVG9012V160
	Large distribution box 12 x Ø90mm side connection with spigot Ø180mm	VTVG9012V180
Accessories	Description	Order Code
   	Spigot for VTVG(s) 125mm Uniflexplus+ Grey PPh	VA125TVG
	Spigot for VTVG(s) 160mm Uniflexplus+ Grey PPh	VA160TVG
	Spigot for VTVG(s) 180mm Uniflexplus+ Grey PPh	VA180TVG
	180mm Blindcover Uniflexplus+ Grey PPh	VBDTGV180



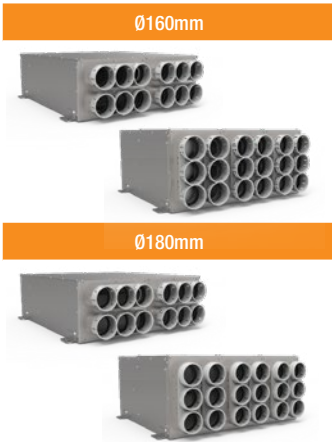
Distribution Boxes – Bottom Connection with Spigot



Duct	Description	Order Code
18 x Ø69mm	Distribution box 18 x Ø69mm bottom connection with spigot Ø160mm	VHVB06918160
	Distribution box 18 x Ø69mm bottom connection with spigot Ø180mm	VHVB06918180
4 x Ø90mm	Distribution box 4 x Ø90mm bottom connection with spigot Ø160mm	VHVB0904160
8 x Ø90mm	Distribution box 8 x Ø90mm bottom connection with spigot Ø125mm	VHVB0908125
	Distribution box 8 x Ø90mm bottom connection with spigot Ø160mm	VHVB0908160
	Distribution box 8 x Ø90mm bottom connection with spigot Ø180mm	VHVB0908180

Grilles, Diffusers
and Ducting

Distribution Boxes with Silencer



Ø160mm	Description	Order Code
	Small distribution box with silencer 12 x 69mm	VUNFDS6912160
	Large distribution box with silencer 18 x 69mm	VUNFDD6918160
Ø180mm	Description	Order Code
	Small distribution box with silencer 12 x 69mm	VUNFDS6912180
	Large distribution box with silencer 18 x 69mm	VUNFDD6918180



Insulated Wall Collectors – Back Connection

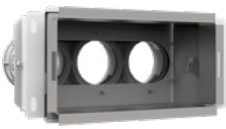
3 x Ø69mm	Description	Order Code
	Insulated wall collector back connection 3 x Ø69mm - 200 x 100mm excl. grille	VGMCAG693200X100
	Insulated wall collector back connection 3 x Ø69mm - 300 x 150mm excl. grille	VGMCAG693300X150
1 x Ø90mm	Description	Order Code
	Insulated wall collector back connection 1 x Ø90mm - 200 x 100mm excl. grille	VGMCAG901200X100
	Insulated wall collector back connection 1 x Ø90mm - 300 x 150mm excl. grille	VGMCAG901300X150
2 x Ø90mm	Description	Order Code
	Insulated wall collector back connection 2 x Ø90mm - 200 x 100mm excl. grille	VGMCAG902200X100
	Insulated wall collector back connection 2 x Ø90mm - 300 x 150mm excl. grille	VGMCAG902300X150

Insulated Wall Collectors – Top Connection

3 x Ø69mm	Description	Order Code
	Insulated wall collector top connection 3 x Ø69mm - 200 x 100mm excl. grille	VGMCBG693200X100
	Insulated wall collector top connection 3 x Ø69mm - 300 x 150mm excl. grille	VGMCBG693300X150
1 x Ø90mm	Description	Order Code
	Insulated wall collector top connection 1 x Ø90mm - 200 x 100mm excl. grille	VGMCBG901200X100
	Insulated wall collector top connection 1 x Ø90mm - 300 x 150mm excl. grille	VGMCBG901300X150
2 x Ø90mm	Description	Order Code
	Insulated wall collector top connection 2 x Ø90mm - 200 x 100mm excl. grille	VGMCBG902200X100
	Insulated wall collector top connection 2 x Ø90mm - 300 x 150mm excl. grille	VGMCBG902300X150



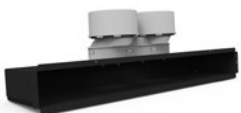
Wall Collectors - Back Connection (Excl. Grille)

Model	3 x Ø69mm	1 x Ø90mm	2 x Ø90mm
			
Order Code	VMCA693	VMCA901	VMCA902

Wall Collectors - Top Connection (Excl. Grille)

Model	3 x Ø69mm	1 x Ø90mm	2 x Ø90mm
			
Order Code	VMCB693	VMCB901	VMCB902

Ceiling - Wall Collectors (Excl. Grille)

Model	3 x Ø69mm	1 x Ø90mm	2 x Ø90mm
			
Order Code	VPCB693	VPCB901	VPCB902



Valve Collectors

Grilles, Diffusers
and Ducting

3 x Ø69mm	Description	Order Code
	Valve collector 3 x Ø69mm, Ø125mm H=70mm, 90°	WC70CH693125
	Valve collector 3 x Ø69mm, Ø125mm H=250mm, 90° with sleeve	WCH250693125
	Valve collector 3 x Ø69mm, Ø125 H=250mm, 90° with sleeve (long)	WCHL250693125
1 x Ø90mm	Description	Order Code
	Valve collector 1 x Ø90mm, Ø125mm H=70mm, 90°	WC70CH901125
	Valve collector 1 x Ø90mm, Ø125mm H=250mm, 90° with sleeve	WCH250901125
	Valve collector 1 x Ø90mm, Ø125mm H=250mm, 90° with sleeve (long)	WCHL250901125
2 x Ø90mm	Description	Order Code
	Valve collector 2 x Ø90mm, Ø125mm H=70mm, 90°	WC70CH902125
	Valve collector 2 x Ø90mm, Ø125mm H=250mm, 90° with sleeve	WCH250902125
	Valve collector 2 x Ø90mm, Ø125mm H=250mm, 90° with sleeve (long)	WCHL250902125

Accessories			
	Mounting material for Valve Collector to be mounted on the ceiling		Connection sleeve Ø125mm, H=250mm
	VABVC		WH250125



Wall / Valve Collectors

Model	3 x Ø69mm	1 x Ø90mm	2 x Ø90mm
			
Order Code	VWC693	VWC901	VWC902

Floor Collectors (Excl. Grille)

Model	3 x Ø69mm	1 x Ø90mm	2 x Ø90mm
			
Order Code	VBC693	VBC901	VBC902

Flexible Ducts

Model	Ø69-54mm, L=50m	Ø90-78mm, L=50m	Bend 90° for flexible duct Ø90mm (Incl.2 gaskets)	Insulation for Ø90, L=13 x 2m
				
Order Code	VFS69	VFS90	VKB90-90	VIS090

Coupler + Rubber Gasket

Model	Ø69mm	Ø90mm with 2 Rubber Gaskets
		
Order Code	VKS69	VKS90



Reduction Pieces

Model	Ø125mm, 3 x Ø69mm	Ø125mm, 1 x Ø90mm	Ø125mm, 2 x Ø90mm	3 x Ø69 to 220 x 80mm
				
Order Code	VOS125693	VOS125901	VOS125902	VADP22080693

Duct Guides

Model	90° - 1x duct Ø69mm	90° - 3x duct Ø69mm	90° - 1x duct Ø90mm
			
Order Code	VSG169	VSG369	VSG190

Adjustable Grilles with Slit

Size	300 x 100mm			
	Brushed	Polished	White	White Round Holes
				
Order Code	VRVBS300X100	VRVPS300X100	VRVWS300X100	VRVWR300X100

Grilles

Size	200 x 100mm			300 x 150mm	559 x 57mm
	Adjustable Deflectors	Perforated	Fixed Deflectors	Perforated	PCB
					
Order Code	VANOA200X100	VANOG200X100	VANOL200X100	VANOG300X150	VTVR559X57



Adjustable Valves

Model	Ø125mm			Large Ø125mm	Square, Ø125mm
					
Order Code	RV125	RV125Z (Black)	RV1257 (7pcs)	RVG125	RW125
Accessories				Order Code	
				Collar for adjustable valve	RVK
				Blocker for adjustable valve	RVB

Adaptors

Model	Ø125mm, straight	Ø125mm, 90°
		
Order Code	VADP125H	VADP125V

Duct Knives

Model	Ø69mm	Ø90mm
		
Order Code	VAKM69	VAKM90

Mounting Brackets

Model	Ø69mm	Ø90mm
		
Order Code	VBB69123	VBB901





SmartVent

Home Ventilation System



**POSITIVE PRESSURE SYSTEMS
HEAT & ENERGY RECOVERY SYSTEMS**

HOME VENTILATION SYSTEMS

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