

DUCTING & ANCILLARIES

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FAN TYPE

FAN LOCATION

MAX
PERFORMANCE

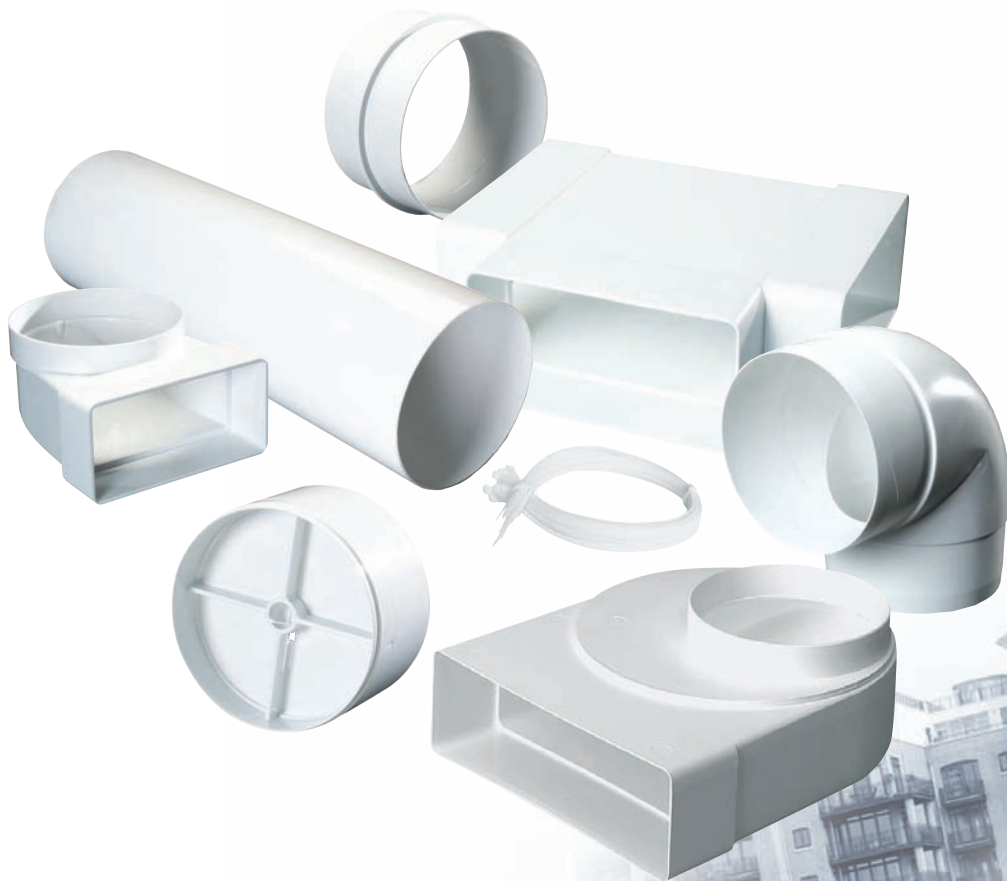
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DUCTING & ANCILLARIES

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DUCTING & ANCILLARIES

ALL YOUR REQUIREMENTS FROM A SINGLE SUPPLIER.



RANGE

Nuaire provides a comprehensive range of installation ancillaries for all ducted applications to ensure the most cost effective solution can be achieved.

CIRCULAR DUCT

Provides optimum system efficiency.
Lightweight with simple push fit connections for ease of installation.

SLIM DUCT

Ideal for apartments, ceiling voids, loft and other confined spaces.

FLAT DUCT SYSTEMS

In confined areas where is space is minimum without reducing whole system performance.

ATTENUATION

Reduce duct noise as per 'Domestic Compliance Guide 2010' and noise requirements in 'Part F Building Regulations 2010'. Attenuator ducting also reduces cross talk through the ventilation systems, between rooms.

WIDE SELECTION OF INTERNAL/EXTERNAL GRILLES

Designed to maximise system airflow performance and occupant comfort.

FIRE PROTECTION

Available for all a duct systems to meet regulations.

PURPOSE BUILT WAREHOUSE FACILITIES



DUCTING & ANCILLARIES

DUCTING

TECHNICAL INFORMATION

PVC FLAT DUCTING

FLAT CHANNEL 1m LENGTH

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC510WH	204mm x 60mm	Flat Channel 1m Length	5	0.2	0.4	0.8	1.4	2.2
PVC4010WH	121mm x 60mm	Flat Channel 1m Length	10	0.5	1.0	2.1	3.5	5.3
PVC010WH	110mm x 54mm	Flat Channel 1m Length	10	0.7	1.5	3.4	5.8	9.0



FLAT CHANNEL 1.5m LENGTH

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC515WH	204mm x 60mm	Flat Channel 1.5m Length	5	0.3	0.6	1.3	2.2	3.3
PVC4015WH	121mm x 60mm	Flat Channel 1.5m Length	10	0.7	1.5	3.1	5.3	7.9
PVC015WH	110mm x 54mm	Flat Channel 1.5m Length	10	1.2	2.4	5.3	9.0	13.7



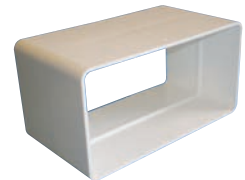
FLAT CHANNEL 2m LENGTH

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
D3-2000	204mm x 60mm	Flat Channel 2m Length	5	0.4	0.8	1.7	2.9	4.4
D1-2000	110mm x 54mm	Flat Channel 2m Length	10	1.5	3.1	6.7	11.7	17.9



SLIM DUCT CONNECTORS

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC520WH	204mm x 60mm	Slim Duct Connector	10	0	0	0	0	0
PVC420WH	121mm x 60mm	Slim Duct Connector	10	0	0	0	0	0
PVC020WH	110mm x 54mm	Slim Duct Connector	20	0	0	0	0	0



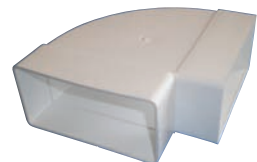
CHANNEL CLIPS

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC122-5WH	204mm x 60mm	Channel Clip	10	0	0	0	0	0
PVC422WH	121mm x 60mm	Channel Clip	10	0	0	0	0	0
PVC122WH	110mm x 54mm	Channel Clip	10	0	0	0	0	0



90° HORIZONTAL BEND

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC550WH	204mm X 60mm	Horizontal 90° Bend	10	0.6	1.6	4.1	7.9	12.8
PVC450WH	121mm X 60mm	Horizontal 90° Bend	10	1.9	4.8	12.3	23.3	37.8
PVC050WH	110mm X 54mm	Horizontal 90° Bend	20	2.6	7.2	19.3	37.2	61

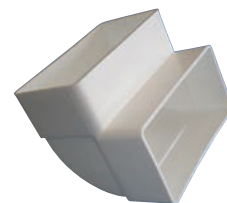


All sizes are internal dimensions.

PVC FLAT DUCTING

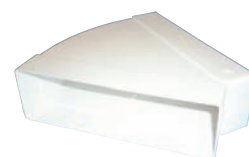
90° VERTICAL BENDS

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC560WH	204mm X 60mm	Vertical 90° Bend	10	0.7	1.9	5.2	10.1	16.6
PVC460WH	121mm X 60mm	Vertical 90° Bend	10	2.1	5.7	14.8	28.1	45.7
PVC060WH	110mm X 54mm	Vertical 90° Bend	20	4.3	11.6	30.7	58.7	95.8



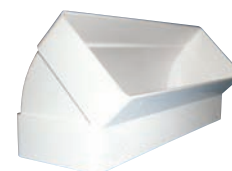
45° HORIZONTAL BEND

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC555WH	204mm X 60mm	Horizontal 45° Bend	10	0	0.3	1.2	2.6	4.5



45° VERTICAL BEND

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC575WH	204mm X 60mm	Vertical 45° Bend	10	0	0.3	1.2	2.6	4.6



ADAPTORS

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC570WH	204mm X 60mm	125 Dia Round to Rect. Adaptor	10	0	0.3	1.1	2.5	4.3
PVC470WH	121mm X 60mm	100 Dia Round to Rect. Adaptor	10	0.6	1.3	3.1	5.5	8.6
PVC070WH	110mm X 54mm	100 Dia Round to Rect. Adaptor	20	1.1	2.8	7.2	13.6	22.2



FLAT CHANNEL END CAP

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC518WH	204mm x 60mm	Flat Channel End Cap	1	0	0	0	0	0
PVC018WH	110mm x 54mm	Flat Channel End Cap	1	0	0	0	0	0



All sizes are internal dimensions.

DUCTING & ANCILLARIES

DUCTING

TECHNICAL INFORMATION

PVC FLAT DUCTING

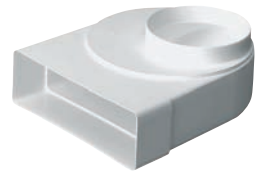
HORIZONTAL TEE PIECE

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC582WH	204mm X 60mm	Horizontal Tee Piece	10	0.9	2.3	5.9	11.2	18.3
PVC080WH	110mm X 54mm	Horizontal Tee Piece	20	3.5	9.7	25.6	49.2	80.3



FAN PLENUM

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC440WH	204mm X 60mm	Fan Plenum 100mm dia	10	2.1	5.5	14.3	27.2	44.3
PVC540WH	204mm X 60mm	Fan Plenum 125mm dia	10	0.5	1.3	3.4	6.4	10.4
PVC030WH	110mm X 54mm	Fan Plenum 100mm dia	20	2.1	5.9	15.9	31	51
PVC430WH	121mm X 60mm	Fan Plenum 100mm dia	10	1.8	4.6	11.7	22.1	35.8
PVC641WH	204mm X 60mm	Fan Plenum 150mm dia	6	0.5	1.4	3.6	6.9	11.3



PVC641WH

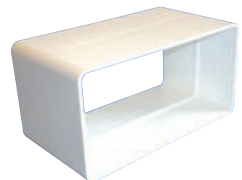
AIRBRICK ADAPTER

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC077WH	110mm x 54mm	Airbrick adaptor	20	0.4	1	2.4	4.4	7



FLEXIBLE DUCT CONNECTOR

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC581WH	211mm x 64mm	Flexible Duct Connector	1	0	0	0	0	0
PVC481WH	121mm x 60mm	Flexible Duct Connector	1	0	0	0	0	0
PVC381WH	110mm x 54mm	Flexible Duct Connector	1	0	0	0	0	0



All sizes are internal dimensions.

PVC ROUND DUCTING

RIGID ROUND PIPE 2M LENGTH

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC1200-4WH	100mm x 2m	100mm dia Rigid Pipe 2m Length	3	0.1	0.3	1	1.9	3.1
PVC1200-5WH	125mm x 2m	125mm dia Rigid Pipe 2m Length	3	0	0.1	0.4	0.8	1.3
PVC1200-6WH	150mm x 2m	150mm dia Rigid Pipe 2m Length	2	0	0	0.2	0.5	0.8



PIPE CONNECTOR

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC493WH	100mm	100mm dia Pipe Connector	10	0	0	0	0	0
PVC593WH	125mm	125mm dia Pipe Connector	10	0	0	0	0	0
PVC693WH	150mm	150mm dia Pipe Connector	10	0	0	0	0	0



90° BEND

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC490WH	100mm	90° Bend 100mm PVC	10	0.9	2.7	7.4	14.4	23.7
PVC590WH	125mm	90° Bend 125mm PVC	10	0.5	1.4	4	7.9	13.6
PVC690WH	150mm	90° Bend 150mm PVC	10	0.5	1.3	3.1	5.9	9.5



45° BEND

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC491WH	100mm	45° Bend 100mm PVC	10	0.3	0.9	2.7	5.4	8.9
PVC591WH	125mm	45° Bend 125mm PVC	10	0.2	0.5	1.4	2.7	4.5



INLINE BACKDRAUGHT SHUTTER

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC494WH	100mm	Back Draught Shutter 100mm dia	10	12.2	19.6	32	45	58.6
PVC594WH	125mm	Back Draught Shutter 125mm dia	10	9.4	14.8	23.3	31.5	39
PVC694WH	150mm	Back Draught Shutter 150mm dia	10	7.1	11.2	17.4	23.4	29



PIPE HANGER

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC496WH	100mm	Pipe Hanger 100mm	10	0	0	0	0	0
PVC596WH	125mm	Pipe Hanger 125mm	10	0	0	0	0	0
PVC696WH	150mm	Pipe Hanger 150mm	10	0	0	0	0	0



All sizes are internal dimensions.

DUCTING & ANCILLARIES

DUCTING

TECHNICAL INFORMATION

PVC ROUND DUCTING

TEE PIECE (MALE FITTING)

Part Number	Duct Size	Description	Box	Resistance in PA				
			Quantity	@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC492M	100mm	Tee Piece 100 x 100 x 100 (Male fitting)	4	0.7	1.6	4.0	7.4	11.8
PVC592M	125mm	Tee Piece 125 x 125 x 125 (Male fitting)	1	0.5	1.0	2.2	3.9	6.1



REDUCING PIECE

Part Number	Duct Size	Description	Box	Resistance in PA				
			Quantity	@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC119WH	125 ID-100 OD	Circular Reducing Piece	10	0.6	1.5	3.6	6.6	10.6
PVC121WH	150 ID-125/100 OD	Circular Reducing Piece	10	0.4	1.4	4.2	8.4	14



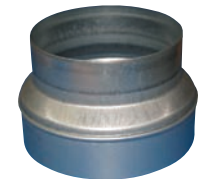
ROUND HOSE CONNECTOR

Part Number	Duct Size	Description	Box	Resistance in PA				
			Quantity	@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC380WH	100mm	Round Hose Connector	10	0	0	0	0	0



REDUCER

Part Number	Duct Size	Description	Box	Resistance in PA				
			Quantity	@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
RED125X100	125mm x 100mm	Reducer 125 x 100 (Male Fitting)	1	0.6	1.2	2.8	5	7.9
RED150X100	150mm x 100mm	Reducer 150 x 100 (Male Fitting)	1	0.5	1.3	3.1	5.9	9.5



TEE PIECE (FEMALE FITTING)

Part Number	Duct Size	Description	Box	Resistance in PA				
			Quantity	@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
TP150X150X100	150mm x 100mm	Tee Piece 150 x 150 x 100 (Female fitting)	1	0.1	0.4	1	1.9	3



FLAT CHANNEL WALL PLATE

Part Number	Duct Size	Description	Box	Resistance in PA				
			Quantity	@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC114-4WH	100mm	Wall Plate	10	0	0	0	0	0
PVC114-5WH	125mm	Wall Plate	10	0	0	0	0	0



All sizes are internal dimensions.

PVC ROUND INSULATED DUCTING

INSULATED RIGID ROUND PIPE 1M LENGTH

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC100IRP-1	100 dia 1m	100mm dia Insulated Pipe 1m	3	0.3	0.5	0.9	1.3	1.7
PVC125IRP-1	125 dia 1m	125mm dia Insulated Pipe 1m	3	0.1	0.2	0.4	0.65	0.9
PVC150IRP-1	150 dia 1m	150mm dia Insulated Pipe 1m	2	0.05	0.1	0.2	0.35	0.55



INSULATED RIGID ROUND PIPE 2M LENGTH

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC100IRP-2	100 dia 2m	100mm dia Insulated Pipe 2m	3	0.6	1	1.8	2.6	3.4
PVC125IRP-2	125 dia 2m	125mm dia Insulated Pipe 2m	3	0.2	0.4	0.8	1.3	1.8
PVC150IRP-2	150 dia 2m	150mm dia Insulated Pipe 2m	2	0.1	0.2	0.4	0.7	1.1



INSULATED 90° BEND

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC100IB90	100 dia	100mm dia Insulated 90° Elbow Bend	1	1.8	4.4	10.7	19.7	31.4
PVC125IB90	125 dia	125mm dia Insulated 90° Elbow Bend	1	0.5	1.4	4	7.9	13
PVC150IB90	150 dia	150mm dia Insulated 90° Elbow Bend	1	0.2	0.7	2	4	6.6



INSULATED 45° BEND

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC100IB45	100 dia	100mm dia insulated 45° Elbow Bend	1	0.7	1.7	4.1	7.6	12.2
PVC125IB45	125 dia	125mm dia insulated 45° Elbow Bend	1	0.2	0.5	1.4	2.7	4.5



INSULATED TEE PIECE

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC100ITP	100 dia	100mm dia Insulated Tee Piece	1	0.7	1.6	4.0	7.4	11.8
PVC125ITP	125 dia	125mm dia Insulated Tee Piece	1	0.5	1.0	2.2	3.9	6.1
PVC150ITP	150 dia	150mm dia Insulated Tee Piece	1	0.4	0.6	1.3	2.1	3.0



All sizes are internal dimensions.

DUCTING & ANCILLARIES

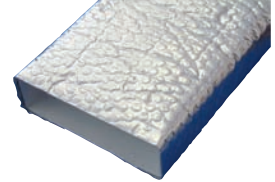
DUCTING

TECHNICAL INFORMATION

PVC FLAT INSULATED DUCTING

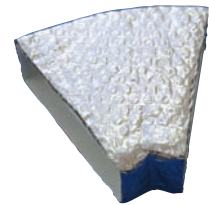
INSULATED FLAT CHANNEL

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC5629WH	204mm x 60mm x 2m	Insulated flat channel 2m	5	0.4	0.8	1.7	2.9	4.4
PVC5628WH	204mm x 60mm x 1.5m	Insulated flat channel 1.5m	5	0.3	0.6	1.3	2.2	3.3
PVC5604WH	204mm x 60mm x 1m	Insulated flat channel 1m	5	0.2	0.4	0.8	1.4	2.2



INSULATED HORIZONTAL BEND

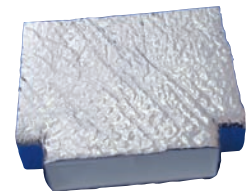
Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC5616WH	204mm X 60mm	Insulated 45° Horizontal bend	10	0	0.3	1.2	2.6	4.5
PVC5605WH	204mm X 60mm	Insulated 90° Horizontal bend	10	0.6	1.6	4.1	7.9	12.8



45° Bend

INSULATED HORIZONTAL T-PIECE

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC5630WH	204mm X 60mm	Insulated Tee piece	10	0.9	2.3	5.9	11.2	18.3



INSULATED VERTICAL BEND

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC5612WH	204mm X 60mm	Insulated 90° vertical bend	10	0.7	1.9	5.2	10.1	16.6



INSULATED CONNECTOR

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC5608WH	204mm x 60mm	204mm x 60mm Insulated Connector	10	0	0	0	0	0



All sizes are internal dimensions.

PVC FLEXIBLE DUCTING

FLEXIBLE RECTANGULAR DUCTING 3M LENGTH

Part Number	Duct Size	Description	Box	Resistance in PA				
			Quantity	@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC333WH	114mm x 57mm	Rectangular Flexible Duct PVC (3m length)	1	1	2.7	7.2	13.9	22.7
PVC433WH	121mm x 60mm	Rectangular Flexible Duct PVC (3m length)	1	0.4	0.8	1.7	2.8	4.3
PVC533WH	211mm x 64mm	Rectangular Flexible Duct PVC (3m length)	1	0.2	0.6	1.5	2.6	4.1



FLEXIBLE ALUMINIUM DUCTING 5M LENGTH

Part Number	Duct Size	Description	Box	Resistance in PA				
			Quantity	@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
FLD100	5m length 100dia	Flexible Ducting Aluminium 100mm	1	0.2	6	1.7	3.4	5.6
FLD125	5m length 125dia	Flexible Ducting Aluminium 125mm	1	0.4	0.7	1.4	2.5	3.8
FLD150	5m length 150dia	Flexible Ducting Aluminium 150mm	1	0.2	0.3	0.6	1	1.5
FLD200	5m length 200dia	Flexible Ducting Aluminium 200mm	1	0.2	0.3	0.6	0.9	1.1



FLEXIBLE INSULATED DUCTING 5M LENGTH

Part Number	Duct Size	Description	Box	Resistance in PA				
			Quantity	@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
FLDI100	5m length 100dia	Insulated Flexible Ducting 100mm	1	0.2	0.6	1.7	3.4	5.6
FLDI125	5m length 125dia	Insulated Flexible Ducting 125mm	1	0.4	0.7	1.4	2.5	3.8
FLDI150	5m length 150dia	Insulated Flexible Ducting 150mm	1	0.2	0.3	0.6	1	1.5
FLDI200	5m length 200dia	Insulated Flexible Ducting 200mm	1	0.2	0.3	0.6	0.9	1.1



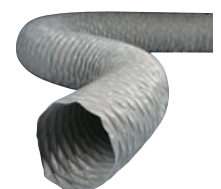
SEMI-RIGID ACOUSTIC DUCTING 3M LENGTH

Part Number	Duct Size	Description	Box	Resistance in PA				
			Quantity	@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
SRDI100	3m length 100 dia	Semi-rigid Acoustic ducting 100mm	1	0.3	0.6	1.5	2.5	4.4
SRDI125	3m length 125 dia	Semi-rigid Acoustic ducting 125mm	1	0.1	0.1	0.3	0.7	1.5
SRDI150	3m length 150 dia	Semi-rigid Acoustic ducting 150mm	1	0	0	0.1	0.3	1.3
SRDI200	3m length 200 dia	Semi-rigid Acoustic ducting 200mm	1	0	0	0	0	0.2



FLEXIBLE DUCTING 3M LENGTH

Part Number	Duct Size	Description	Box	Resistance in PA				
			Quantity	@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC363WH	3m length 100dia	Flexible Ducting 100mm	1	0.2	0.6	1.7	3.4	5.7



All sizes are internal dimensions.

DUCTING & ANCILLARIES

GRILLES & TERMINALS

TECHNICAL INFORMATION

GRILLES AND TERMINALS

WHITE STEEL EXTRACT / SUPPLY VALVES

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
V100S	100 dia spigot	Extract/Supply valve (white only)	1	7	14	34	85	130
V125S	125 dia spigot	Extract/Supply valve (white only)	1	6	10	19	35	55

The above resistances are based on 10mm opening setting



FILTERED INLET GRILLE

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
100IG	125mm x 125mm OD	Filtered Inlet Grilles (white only) 100mm dia	1	5.8	14.5	37.1	70.2	113.8



LOUVRED GRILLE - WITH FLYSCREEN

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC104WH	100mm dia spigot	Louvred grille with flyscreen	20	3.4	7.9	18.9	34.6	54.8
PVC504WH	125mm dia spigot	Louvred grille with flyscreen	10	0.8	1.7	3.8	6.6	10.2
PVC604WH	150mm dia spigot	Louvred grille with flyscreen	10	0.7	1.3	2.8	4.9	7.4
PVC105WH	110mm X 54mm	Louvred grille with flyscreen	20	6.6	15.8	38.4	70.8	112.9



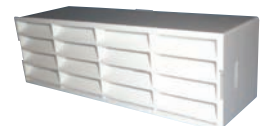
LOW RESISTANCE LOUVRED GRILLE - NO FLYSCREEN

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC104LR	100mm dia spigot	Low resistance louvred grille	20	0.6	1.6	3.9	7.3	11.8



AIR BRICK

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC501WH	201mm x 57mm	Air brick - with shutter	20	6.4	10.1	17.3	26.1	36.5
PVC505NS	201mm x 57mm	Air brick - no shutter	20	2.2	5.5	13.9	26.0	41.8



Nuaire external grilles supplied White (RAL9010) as standard.

For alternative colours please replace the WH at the end of the product code with

BR for Brown (RAL 8017) ●

COT for Beige-Cotswold (RAL 1001) ●

TC for Red-Terracotta (RAL 8012) ● All sizes are internal dimensions.

GRILLES AND TERMINALS

DOUBLE AIR BRICK

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC905WH	204mm X 60mm	Double airbrick	10	0.4	0.9	2.1	3.8	5.9



UNIVERSAL COWL

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC4411	100-150 dia fan spigot	Universal 100-160mm Cowl	1	0.5	0.9	1.7	2.6	3.7



GRAVITY SHUTTER WALL OUTLET

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC100WH	100mm dia spigot	Wall outlet with gravity flaps	20	4.8	6.9	9.8	11.7	12.8
PVC101WH	110mm X 54mm	Wall outlet with gravity flaps	20	6.2	8.6	11.6	13.6	14.6
PVC506WH	125mm dia spigot	Wall outlet with gravity flaps	10	3.6	5.5	8.1	10.1	11.5



COWLED WALL OUTLET WITH DAMPER

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC102WH	100mm dia spigot	Cowled wall outlet with damper	20	2.6	4.4	8.1	12.9	18.8
PVC103WH	110mm X 54mm	Cowled wall outlet with damper	20	1.8	3.8	9.0	16.5	26.4
PVC502WH	125mm dia spigot	Cowled wall outlet with damper	10	3.6	5.5	8.0	10.1	11.6



ROOF COWL

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
4RC	100 dia spigot	Roof Cowl 100mm	1	2.3	6	15.7	29.9	48.7



WALL COWL

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
4WC	100 dia spigot	Wall Cowl 100mm	1	2.2	6.2	16.4	31.6	51.5



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For alternative colours please replace the WH at the end of the product code with
 BR for Brown (RAL 8017) ● COT for Beige-Cotswold (RAL 1001) ●

TC for Red-Terracotta (RAL 8012) ●

All sizes are internal dimensions.

DUCTING & ANCILLARIES

GRILLES & TERMINALS

TECHNICAL INFORMATION

GRILLES AND TERMINALS

WALL MOUNTING SHUTTERS

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVCWALL/1	100mm dia fan spigot	Wall Mounting Gravity Operated Anti-backdraught Shutters and Wall Duct 300-550mm	1	3.4	5.3	8.1	10.9	13.6



WALL MOUNTING LOUVRE

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVCWALL/2	100mm dia fan spigot	Wall Mounting Weather Louvre Complete with Fly Screen and Telescopic Wall Duct 300-550mm	1	3.7	9.6	24.9	47.4	77



WALL MOUNTING RECTANGULAR COWLED OUTLET

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVCWALL/3	100mm dia fan spigot	Wall Mounting Rectangular Cowled Outlet Complete with Anti-backdraught Damper and Telescopic Wall Duct 300-550mm	1	3.5	7.3	15.8	27.2	41.7



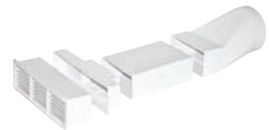
WALL MOUNTING CIRCULAR COWLED OUTLET

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVCWALL/4	100mm dia fan spigot	Wall Mounting Circular Cowled Outlet with Telescopic Wall Duct 300-550mm	1	2.3	6	15.4	29.2	47.2



WALL MOUNTING AIRBRICK

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVCWALL/5	100mm dia fan spigot	Wall Mounting Airbrick with Reducer 155mm Length of 110mm x 54 Duct and Rectangular to 100mm dia. Adaptor	1	10.9	17.7	30.5	45.6	62.9



WALL MOUNTING WEATHER LOUVRE

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVCWALL/6	100dia fan spigot	Low Resistance Wall Mounting Weather Louvre and Telescopic Wall Duct 300-550mm	1	0.6	1.6	4	7.4	12



HIGH RISE

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC2447T	100mm dia fan spigot	High Rise 100mm Round Cowl 2447T	1	6.5	17.2	44.9	85.7	139.5



Nuaire external grilles supplied White (RAL9010) as standard.

For alternative colours please replace the WH at the end of the product code with

BR for Brown (RAL 8017) ●

COT for Beige-Cotswold (RAL 1001) ●

TC for Red-Terracotta (RAL 8012) ●

All sizes are internal dimensions.

ATTENUATORS & ADDITIONAL ANCILLARIES

SLIMDUCT SILENCER

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
MEV-SIL10	204mm x 60mm	Slimduct Silencer 1000mm	1	0.7	1.3	2.4	3.4	4.6
MEV-SIL15	204mm x 60mm	Slimduct Silencer 1500mm	1	0.2	0.8	2.3	4.6	7.7
MEV-SIL21	204mm x 60mm	Slimduct Silencer 2100mm	1	0.7	1.6	3.6	6.6	10.4

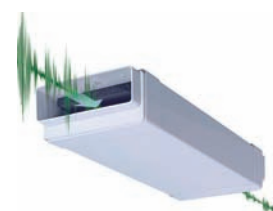
For noise insertion details please contact Nuair



SLIMDUCT SILENCER

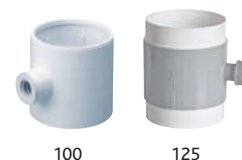
Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVCSIL-500	204mm x 60mm	204mm x 60mm Slimduct Silencer 500mm	1	0.2	0.6	1.9	3.8	6.5
PVCSIL-1000	204mm x 60mm	204mm x 60mm Slimduct Silencer 1000mm	1	0.2	0.8	2.3	4.6	7.7
PVCSIL-1500	204mm x 60mm	204mm x 60mm Slimduct Silencer 1500mm	1	0.7	1.6	3.6	6.6	10.4

For noise insertion details please see page 17



CONDENSATION TRAP

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
CONTRAP100	100mm	Condensation trap 100mm dia	10	0.3	1.0	3.0	6.1	10.3
CONTRAP125	125mm	Condensation trap 125mm dia	1	0.3	1.0	3.0	6.1	10.3



INLINE CONDENSATE DRAIN

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
MVHR-DRAIN	22mm	Inline Condensate Drain	1	0	0	0	0	0



DYNO TIES

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
DT33	150-200 OD	Dyno Ties Up To 200mm dia	1	0	0	0	0	0



DUCT ACCESSORIES

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVCDSEAL	N/A	Duct Sealant	1	0	0	0	0	0
PVC50TP45	N/A	Aluminium Duct Tape 45m	1	0	0	0	0	0



All sizes are internal dimensions.

ATTENUATORS & ADDITIONAL ANCILLARIES

CIRCULAR FIRE DAMPER

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
CFD-100	100mm	Circular Fire Damper 100mm dia	1	5.6	8.7	15.6	24.8	36.2
CFD-125	125mm	Circular Fire Damper 125mm dia	1	0	0.5	2.6	5.8	10.2
CFD-150	150mm	Circular Fire Damper 150mm dia	1	0	0	0	1	1.9



CIRCULAR FIRE DAMPER AIR VALVE

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
VFD-100	100mm	Circular Fire Damper Air Valve 100mm dia	1	1	5.7	24.6	53.6	92.7
VFD-125	125mm	Circular Fire Damper Air Valve 125mm dia	1	0	2.6	11.3	24.7	42.8
VFD-150	150mm	Circular Fire Damper Air Valve 150mm dia	1	0	1.7	6.6	13.9	23.7



FIRE WRAP

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVC087-110X50	110mm x 54mm	Fire Wrap	1	0	0	0	0	0
PVC587-204X60	204mm x 60mm	Fire Wrap	1	0	0	0	0	0



PVC588	125mm	Intumescent Fire Break	1	0	0	0	0	0
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FW110X54	110mm x 54mm	Fire Wrap	1	0	0	0	0	0
FW204X60	204mm x 60mm	Fire Wrap	1	0	0	0	0	0
FWS110X54	110mm x 54mm	Fire Collar	1	0	0	0	0	0
FWS204X60	204mm x 60mm	Fire collar	1	0	0	0	0	0



Wrap



Collar

DUCT ACCESSORIES

Part Number	Duct Size	Description	Box Quantity	Resistance in PA				
				@8l/s	@13l/s	@21l/s	@29l/s	@37l/s
PVCFSEAL	N/A	Intumescent Duct Sealant	1	0	0	0	0	0

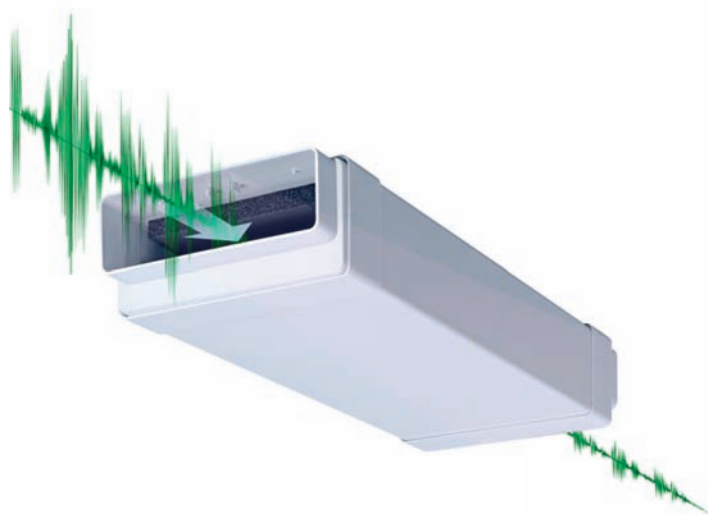


All sizes are internal dimensions.

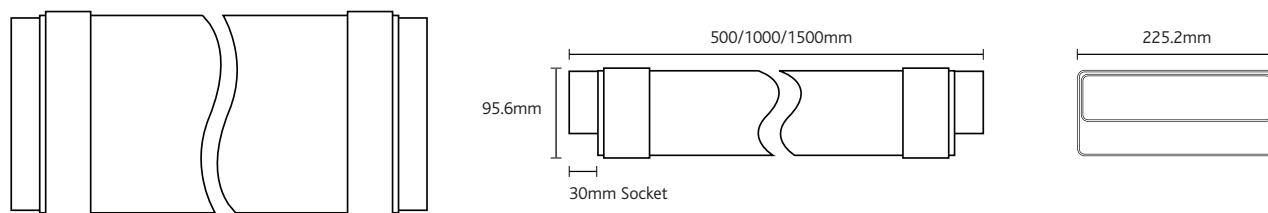
NOISE SOLUTIONS

INLINE ATTENUATION

AVAILABLE IN 0.5M, 1M & 1.5M LENGTHS



- **Regulation driven** to reduce duct noise for designers "Domestic Compliance Guide 2010" & noise requirements Part F 2010
- **Corrosion Proof** - Lightweight PVC removes the risk of corrosion
- **Reduce cross talk** room to room noise
- **Prevents noise ingress** for inner city development
- **Space Saving** - Slim line low profile design for integration within your ducting system



SOUND ABSORPTION CHART

Silencer Code	125 Hz	250 Hz	500 Hz	1k Hz	2k Hz	4k Hz	8k Hz
PVCSIL-500	10.8	5.6	6.2	7.5	18.9	34.3	31.7
PVCSIL-1000	10.1	6.6	8.3	11.6	40	49.8	51.4
PVCSIL-1500	9.9	8.2	11.4	16.1	44	53.5	53

Tested by SRL Test Report No. C/08/51/20594/R02

All sizes are internal dimensions.