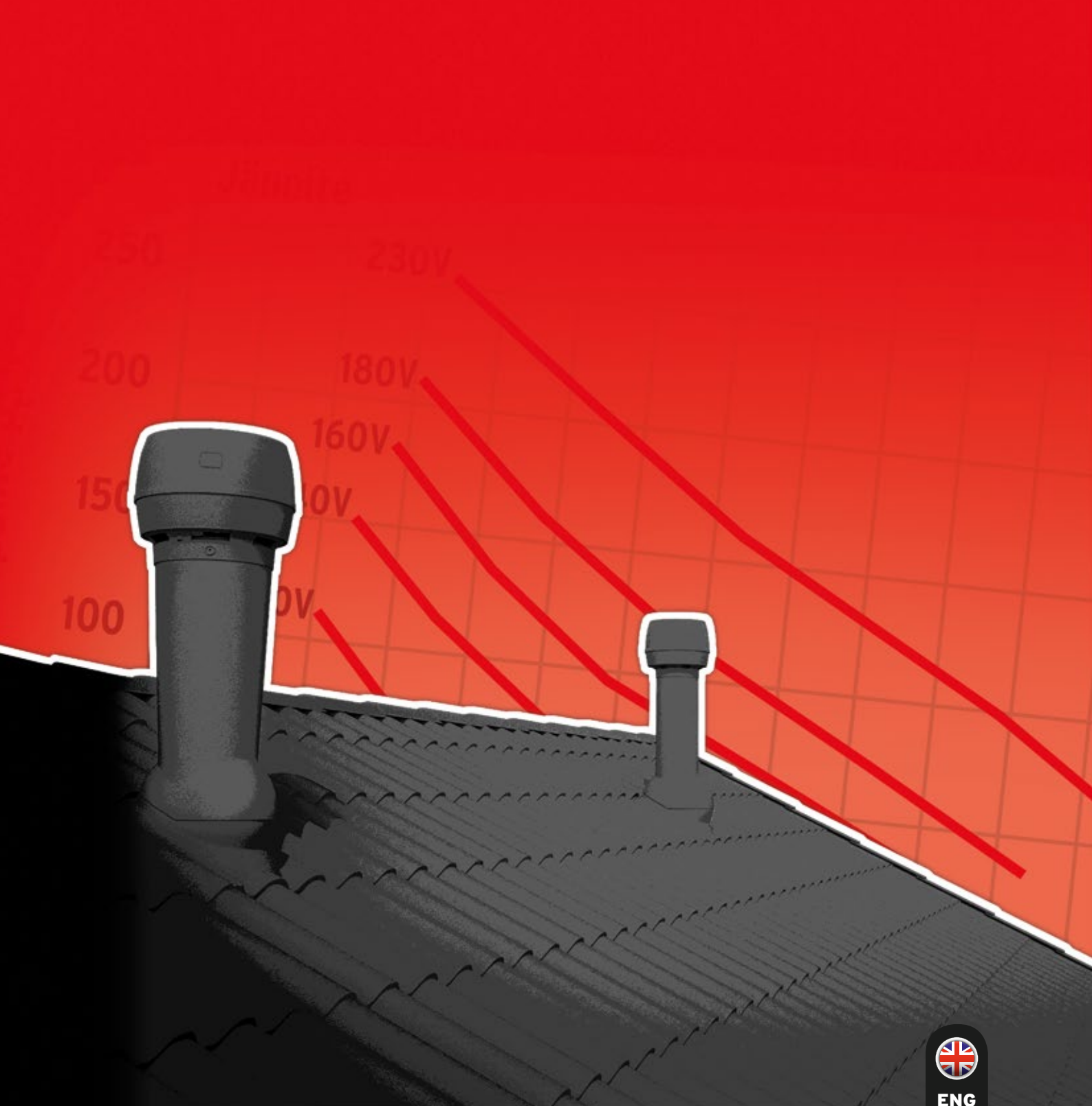


b MELTEX



MX Ventilation Products



Weather and shockproof polypropylene

UV-protected and solid coloured

To the top of ventilation **MX Ventilation Products**

Our durable and stylish products offer you functional and controlled ventilation. The products are made of high-quality materials and they are easy to install.



1. Sewer ventilation pipe
2. Roof fan
3. Radon fan
4. Exhaust pipe
5. Roof fan
6. Ventilation pole



s. 4

MX-pass-throughs

- Tight and elegant pass-through
- Carefully designed shape prevents the accumulation of dirt and debris
- An excellent fit for the most common steep roof types
- Compatible with all Meltex roof fans, exhaust pipes and ventilation pipes



s. 7

MX-exhaust and ventilation pipes

- Suitable for exhaust air diffusers in air conditioning systems and sewer and radon ventilation
- Suitable products for 125 mm and 160 mm ventilation ducts and 110 mm sewer pipes
- Insulation in the products prevents freezing issues

Basic colours for roof products

- Black RR 33-RAL 9005
- Grey RR 23-RAL 7015
- Brown RR 32
- Red RR 28/29-RAL 3009
- Brick red RR 750-RAL 8004
- Green RR 11-RAL6020



s. 9

MX-roof fans

- Controlled and efficient mechanical ventilation
- A controlled radon exhaust system
- Roof exhaust fans for 125 and 160 mm ventilation ducts, 110 mm for radon exhaust



s. 15

MX-ventilation pole

- For ventilating the base floor in different types of buildings
- The structure prevents debris, snow and small animals from entering the base floor
- Fulfills building regulation requirements on the minimum size of exhaust outlets

Ventilation pole basic colours

- Light grey RR 21-RAL 7040
- Black RR 33-RAL 9005
- Grey RR 23-RAL 7015

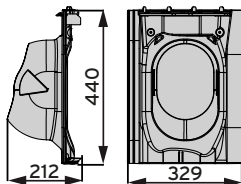
MX-pass-throughs for steep roofs

Excellent fit for the most common roof types. With the MX-pass-throughs, exhaust and ventilation pipes as well as roof fans can be led through roof structures tightly and neatly. The carefully designed shape prevents the accumulation of dirt and debris, and leaves sufficient room for insulation.



MX-pass-through set for tile roof

Suitable for most double-wave roof tiles on the market. The effective width of the pass-through is the same as that of most of the roof tiles on the market. The adjustment discs allow for easy adjustment of the pass-through to suit various tiles. The seals in the pass-through plate are securely attached to the plate, but they can be removed, if necessary. The pass-through set for tile roof includes a pass-through plate, an underlay fastening, fastening screws and installation instructions.



The ingenious adjustment discs make installation easier.

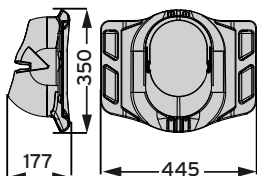


MX-pass-through set for tile roof

Colour	HVAC-number	Product number
●	7830000	495800
●	7830001	495805
●	7830002	495810
●	7830003	495815
●	7830004	495820

MX-pass-through set for steel roof

Suitable for most tile-patterned steel roofs on the market. Best for round-crested tile-patterned steel roofs with a wave height of 20-30 mm. A rubber seal that conforms to the roof profile and waterproofs the pass-through is included in the delivery. The rubber seal can be attached to the pass-through plate quickly with two fastening straps. The pass-through set for steel roof includes a pass-through plate, a rubber seal, an underlay fastening, a stencil, fastening screws and installation instructions.



The two fastening straps make it possible to mount the rubber seal on the pass-through plate quickly.



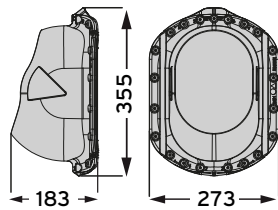
MX-pass-through set for steel roof

Colour	HVAC-number	Product number
●	7830005	496500
●	7830006	496505
●	7830007	496510
●	7830008	496515
●	7830009	496520
●	7830169	496525

MX-pass-through set 2.0 for shaped steel roof

The MX-pass-through set 2.0 is suitable for most tile-patterned steel roofs on the market. Best for symmetrical, round-crested, tile-patterned steel roofs with a wave height of 30-40 mm.

The pass-through conforms to different profile heights thanks to its flexible pass-through plate and seal. It is quick to install because there is no need for a separate seal. The MX-pass-through set 2.0 contains the pass-through plate with seal, an underlay fastening, a stencil, fastening screws and installation instructions.



Conforms to different profile heights thanks to the flexible pass-through plate and seal.

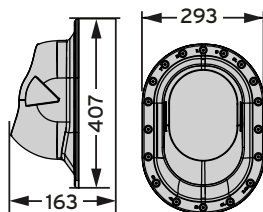


MX-pass-through set 2.0 for shaped steel roof

Colour	HVAC-number	Product number
●	7830103	498600
●	7830104	498605
●	7830105	498610
●	7830106	498615
●	7830107	498620
●	7830108	498625

MX-pass-through set for standing seam roof

Suitable for flat, standing seam roofs. The pass-through plate is waterproof thanks to the rubber seal on the lower surface. The order of fastening the screws is marked on the pass-through plate to make installation easier. The pass-through set for standing seam roof includes a pass-through plate, an underlay fastening, a stencil, fastening screws and installation instructions.



The pass-through plate shows clearly in which order the screws are fastened.

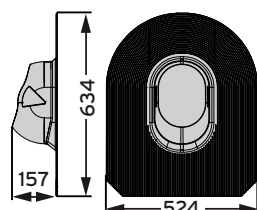
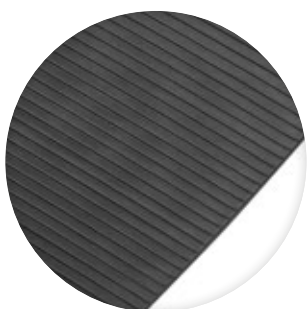


MX-pass-through set for standing seam roof

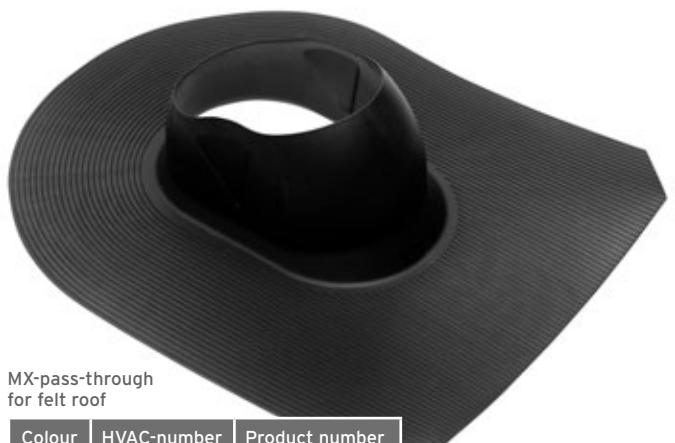
Colour	HVAC-number	Product number
●	7830010	497200
●	7830011	497205
●	7830012	497210
●	7830013	497215
●	7830014	497220
●	7830170	497225

MX-pass-through for felt roof

Suitable for all steep felt roofs. Thanks to the angular shape of the connecting surface, the pass-through and the rubberised bitumen form a waterproof connection to surface felt and underlays. A pass-through plate, a stencil and installation instructions are included in the delivery of the package.



The angular shape of the connecting surface together with bitumen guarantees a strong connection with the felt.

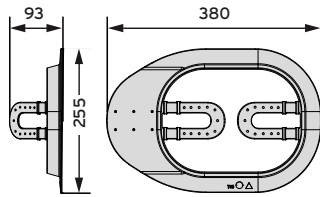


MX-pass-through for felt roof

Colour	HVAC-number	Product number
●	7830015	497900
●	7830016	497905
●	7830017	497910
●	7830018	497915
●	7830019	497920

MX-fastening for underlay

The fastening for the underlay lifts the edges of the underlay up and connects to the roof battens, preventing water from entering the roof's insulation. The fastening for the underlay is included in the delivery of pass-through sets for tile, steel and standing seam roofs. The two fastening lugs make it possible to attach the fastening to the roof battens from the top, which makes installation faster and easier.



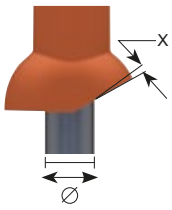
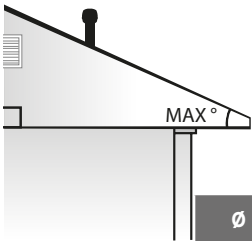
Thanks to fastening from the top, installation is easy.



MX-fastening for underlay

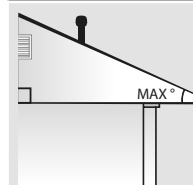
Colour	HVAC-number	Product number
●	7830068	502905

Roof angles



		MX-pass-through set for tile roof	MX-pass-through set for steel roof	MX-pass-through set 2.0 for shaped steel roof	MX-pass-through set for standing seam roof	MX-pass-through for felt roof
Ø	X	MAX-MIN °				
110	0 mm	36-18°	37-11°	37-11°	31-11°	31-11°
	15 mm	43-18°	44-11°	44-11°	38-11°	38-11°
125	0 mm	36-18°	37-11°	37-11°	31-11°	31-11°
	15 mm	40-18°	41-11°	41-11°	39-11°	39-11°
160	0 mm	33-18°	36-11°	36-11°	34-11°	34-11°
	15 mm				35-11°	35-11°
Ø	X	MAX °				
160	15 mm		38-11°	38-11°	38-11°	38-11°

Roof pitch ratio / degrees



1:1	45°
1:1,5	~ 34°
1:2	~ 27°
1:3	~ 18°
1:5	~ 11°
1:7	~ 8°
1:10	~ 6°



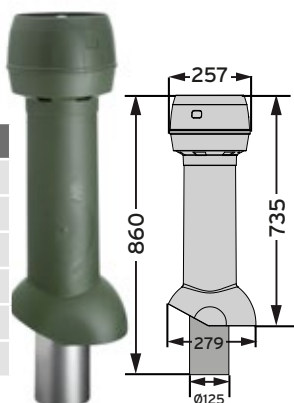


MX-exhaust ventilation pipes

MX-exhaust ventilation pipes are suited to serve as the diffusers in ventilation systems. Because of the low pressure loss, the exhaust air exits the building efficiently without unnecessary strain on the ventilation unit.

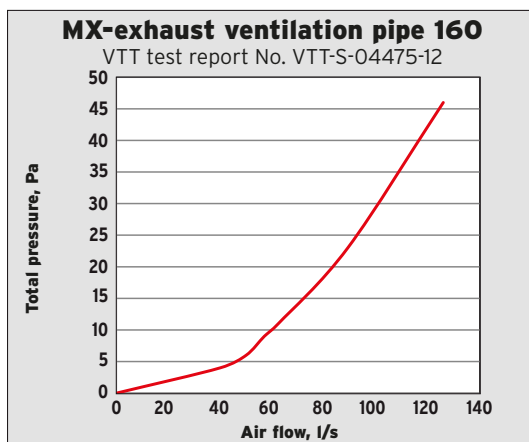
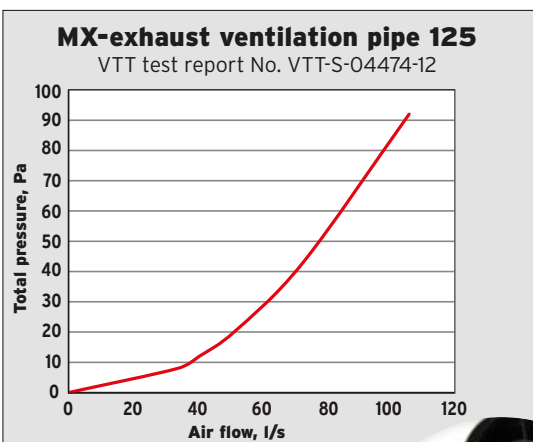
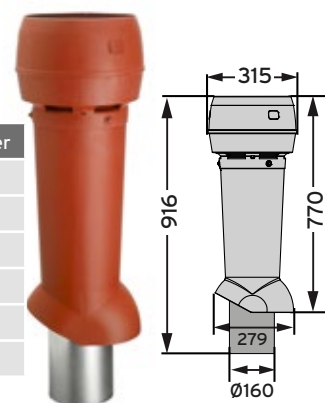
MX-exhaust ventilation pipe 125

Colour	HVAC-number	Product number
●	7830025	499300
●	7830026	499305
●	7830027	499310
●	7830028	499315
●	7830029	499320
●	7830171	499325



MX-exhaust ventilation pipe 160

Colour	HVAC-number	Product number
●	7830030	499330
●	7830031	499335
●	7830032	499340
●	7830033	499345
●	7830034	499350
●	7830172	499355



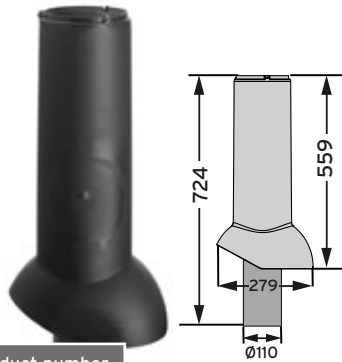
The shape of the cowl efficiently minimises water entering into ventilation ducts.



MX-ventilation pipe 110, insulated

The MX-ventilation pipe 110 is suitable for sewer ventilation. When equipped with a cowl (available as an accessory), the MX-ventilation pipe can also be used for radon and roof structure ventilation.

The MX-ventilation pipe is 559 mm high and its plastic inner pipe fits tightly to the socket of a 110 mm sewer pipe. The insulation of the ventilation pipe prevents the freezing problems that moisture rising from the drain may cause in the winter.



MX-ventilation pipe 110, insulated

Colour	HVAC-number	Product number
●	7830020	500000
●	7830021	500005
●	7830022	500010
●	7830023	500015
●	7830024	500020
●	7830173	500025

MX-flexible connector pipe 110

The MX-flexible connector pipe is used to connect a MX-ventilation pipe 110 to a 110 mm sewer pipe when they are not aligned. The bottom end of the connector pipe fits the socket of a 110 mm sewer pipe and the top end is tightened around the ventilation pipe with a hose clamp.



Length: 470 mm

Clear opening: 110 mm

Connectors: hose clamp for a 110 mm sewer pipe and a 110 mm socket connector

Material: PVC

Durable - wall thickness of approximately 2.5 mm

Maximum load: 2.5 N/cm² / 0.25 bar or 25 000 Pa + 20°C

Very weather and age resistant, retains its shape

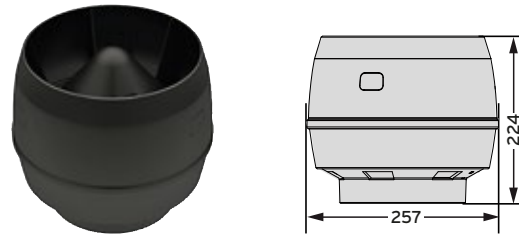
Maximum bending angle: 90°

Temperature resistance: temporary strain -30°C +85°C, normal +40°C

MX-flexible connector pipe 110

Colour	HVAC-number	Product number
●	7830102	502900

Cowl for the MX-ventilation pipe



Cowl for the MX-ventilation

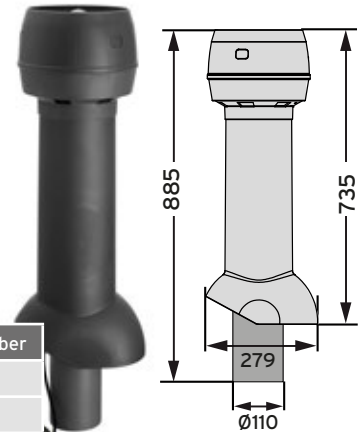
Colour	HVAC-number	Product number
●	7830063	500030
●	7830064	500035
●	7830065	500040
●	7830066	500045
●	7830067	500050
●	7830174	500052

Equipped with a cowl, the MX-ventilation pipe is suitable for natural radon ventilation.

MX-radon exhaust pipe 110, insulated

The MX-radon exhaust pipe is suitable for natural radon ventilation. The pipe also contains readiness for installation of the motor afterwards.

With the motor part of the MX-radon fan, a MX-radon exhaust pipe can be easily retrofitted as a radon fan (see page 14).

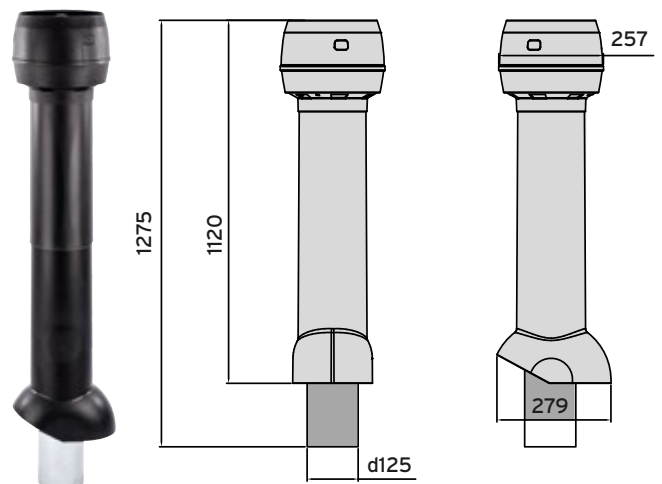


MX-radon exhaust pipe 110, insulated

Colour	HVAC-number	Product number
●	7830072	500055
●	7830073	500060
●	7830074	500065
●	7830075	500070
●	7830076	500075
●	7830179	500080

MX-exhaust ventilation pipe 125, long model

For when the snow banks are getting too high. Produced on order, ask us for an offer!





MX-roof fans

Waterproof solutions make these roof fans durable and easy to maintain.

MX-roof fans with low pressure loss blow upwards. The shape of the fans together with the tight-fitting pass-throughs effectively prevent water from getting into the ventilation duct. The motor section has no pass-throughs, which improves the waterproofing and protection.

Stress-free roof fans

The MX-roof fans are easy to maintain. Checking and cleaning the blade wheel occasionally is enough to keep the roof fan in good shape. If necessary, the motor can be easily removed without any tools. The wires are fully enclosed inside the structure and the voltage is cut off automatically when the motor is removed. The inner pipe of the MX-roof fans is made of galvanised steel sheet. The inner pipe of the MX-radon fan is polypropylene; due to fire safety regulations, it cannot be used for residential ventilation.

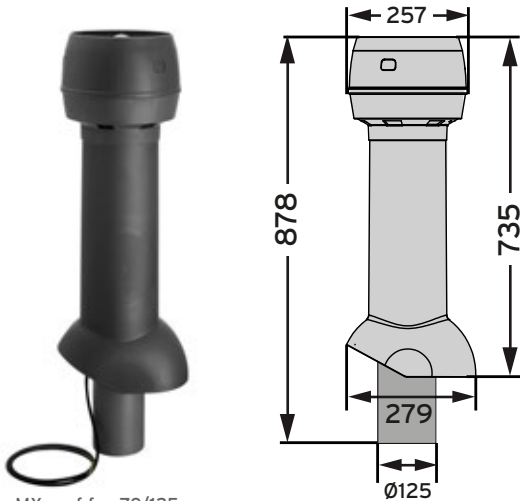
To prevent freezing, we recommend keeping the roof and radon fans on at all times, at least at a minimum speed. The rotation speed can be adjusted by changing the voltage with a thyristor or a step transformer.



The integrated power supply does not require any pass-throughs on the outer surface of the product, making it more waterproof.



MX-roof fan 70/125

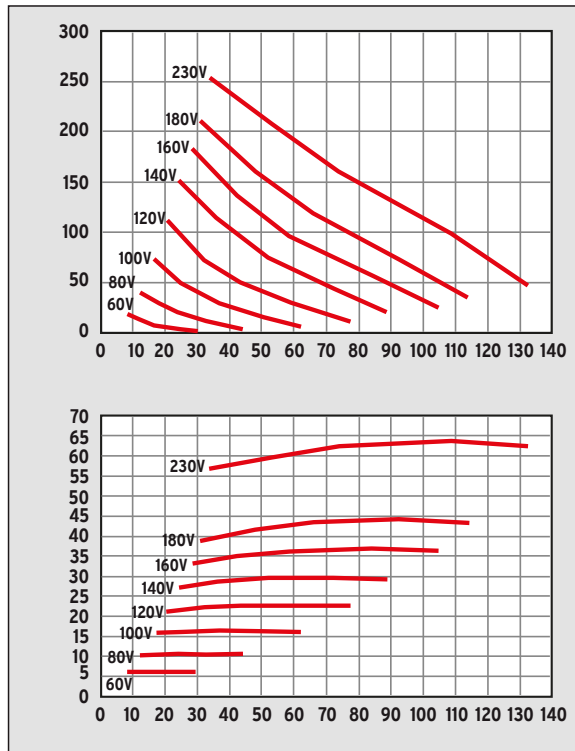


MX-roof fan 70/125

Colour	HVAC-number	Product number
●	7830035	500700
●	7830036	500705
●	7830037	500710
●	7830038	500715
●	7830039	500720
●	7830175	500725

Flow rates and electric power

VTT test report No. VTT-S-06610-12



Noise levels VTT test report No. VTT-S-06610-12

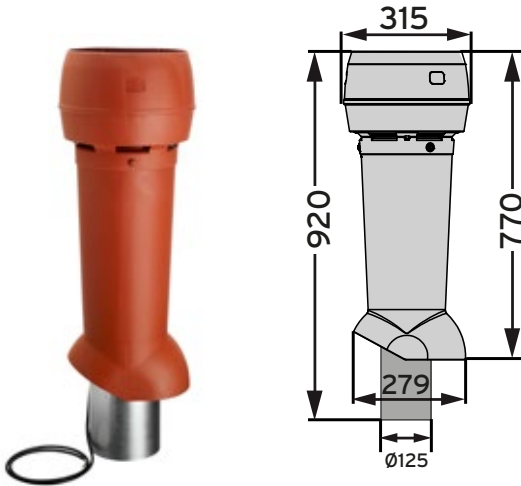
Quantity	Unit	1	2	3	4	5
U	V	100	100	100	100	100
qV	l/s	16,5	25,3	32,7	41,3	49,4
pF	Pa	49,0	32,6	25,2	15,9	8,5
LW63	dB	56,8	52,5	52,4	52,8	52,4
LW125	dB	57,7	54,6	52,8	53,5	60,6
LW250	dB	53,0	48,5	47,1	49,1	49,7
LW500	dB	45,8	42,4	43,1	43,7	43,3
LW1000	dB	40,7	37,8	37,0	38,9	40,8
LW2000	dB	33,3	27,8	26,1	27,2	31,2
LW4000	dB	22,7	19,9	20,1	17,8	18,6
LW8000	dB	24,8	24,9	25,3	*	*
LW	dB	61,2	57,5	56,4	57,2	61,6
LWA	dB(A)	49,0	45,1	44,4	45,8	47,7

Quantity	Unit	1	2	3	4	5
U	V	140	140	140	140	140
qV	l/s	25,0	41,8	51,7	63,9	80,0
pF	Pa	128	79,2	61,8	43,5	22,0
LW63	dB	63,7	56,1	56,0	57,6	58,0
LW125	dB	65,6	67,0	72,2	73,6	65,3
LW250	dB	67,2	63,0	62,0	63,8	65,2
LW500	dB	59,0	52,7	53,7	53,2	53,4
LW1000	dB	54,0	50,9	50,9	50,6	51,7
LW2000	dB	48,8	43,7	42,6	44,9	48,0
LW4000	dB	40,0	32,7	31,7	32,0	37,0
LW8000	dB	33,1	26,8	26,1	26,4	27,8
LW	dB	70,9	68,9	72,8	74,2	68,9
LWA	dB(A)	61,2	58,1	60,7	61,8	58,9

Quantity	Unit	1	2	3	4	5
U	V	180	180	180	180	180
qV	l/s	31,8	55,2	69,9	88,6	110
pF	Pa	207	138	107	72,3	31,8
LW63	dB	59,6	58,2	58,0	57,8	60,5
LW125	dB	64,0	63,2	60,8	61,7	64,6
LW250	dB	78,4	75,4	71,8	72,2	78,4
LW500	dB	59,2	59,9	57,9	57,7	60,4
LW1000	dB	59,2	62,5	63,6	56,4	57,5
LW2000	dB	52,4	52,2	50,8	52,6	54,4
LW4000	dB	43,5	43,1	42,5	44,2	47,5
LW8000	dB	38,1	37,5	36,6	36,4	38,3
LW	dB	78,8	76,1	73,0	73,0	78,8
LWA	dB(A)	70,3	68,3	66,2	64,6	70,2

Quantities and units: U = Voltage, V • qV = Air volume flow, l/s • pF = Roof fan pressure, Pa • LW63...8000 = Octave power level in the suction duct, dB • 63...8000 • Medium frequency of octave bands, Hz • LW = Sound power level in the suction duct, dB • LWA = A-weighted sound power level in the suction duct, dB(A)

MX-roof fan 120E/125, silenced



MX-roof fan 120E/125, silenced

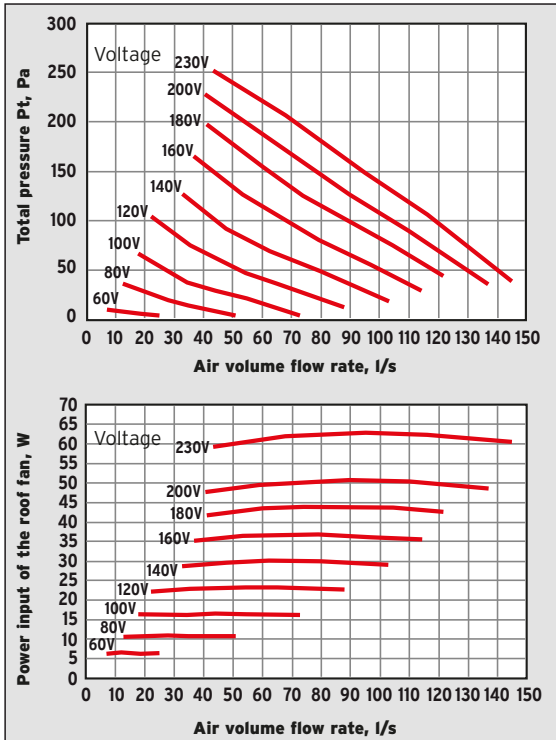
Colour	HVAC-number	Product number
●	7830045	500730
●	7830046	500735
●	7830047	500740
●	7830048	500745
●	7830049	500750
●	7830176	500755



Silencer in the body

Flow rates and electric power

VTT test report No. VTT-S-06661-12



*) difference between the measured sound level and the background atmosphere:
 <10 dB (on third-octave bands 250-5000 Hz) and/or <6 dB (on third-octave bands 50-200 and 6300-10000 Hz)

Quantities and units: U = Voltage, V • qV = Air volume flow, l/s • pF = Roof fan pressure, Pa • LW63...8000 = Octave power level in the suction duct, dB • 63...8000 • Medium frequency of octave bands, Hz • LW = Sound power level in the suction duct, dB • LWA = A-weighted sound power level in the suction duct, dB(A)

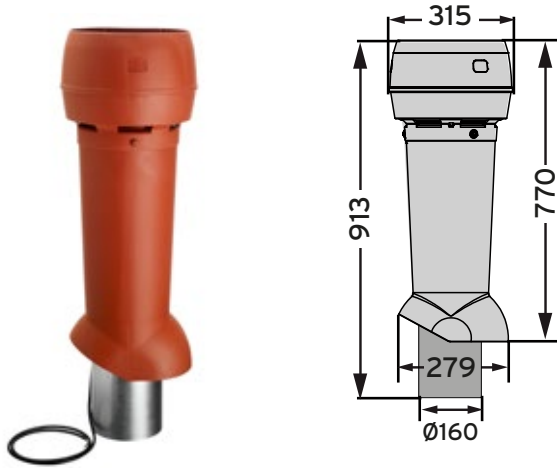
Noise levels VTT test report No. VTT-S-00229-15

Quantity	Unit	1	2	3	4	5
U	V	100	100	100	100	100
qV	l/s	26,1	31,0	36,5	43	48
pF	Pa	34,5	31,3	25,8	19,1	13,6
LW63	dB	-	*56,4	*57,8	*58,9	*60,7
LW125	dB	-	53,7	53,8	54,5	56,0
LW250	dB	-	*42,3	42,5	43,6	44,8
LW500	dB	-	*29,7	*29,9	*31,0	*32,4
LW1000	dB	-	*20,4	*20,6	*21,2	*22,6
LW2000	dB	-	*19,6	*19,5	*19,5	*19,6
LW4000	dB	-	*20,3	*20,4	*20,4	*20,5
LW8000	dB	-	*24,5	*24,7	*24,7	*24,7
LW	dB	-	*58,4	*59,3	*60,3	*62,1
LWA	dB(A)	-	*39,1	*39,2	*40,2	*41,7

Quantity	Unit	1	2	3	4	5
U	V	140	140	140	140	140
qV	l/s	32,4	43,9	55,0	67,0	78,0
pF	Pa	112,1	85,6	66,2	48,8	33,8
LW63	dB	*64,2	*62,9	*65,0	*65,5	69,6
LW125	dB	61,5	59,3	59,7	60,5	61,5
LW250	dB	55,2	53,1	52,2	53,7	55,5
LW500	dB	42,1	40,2	40,3	42,2	43,9
LW1000	dB	33,5	33,6	*34,7	32,4	34,3
LW2000	dB	*21,7	*21,6	*21,4	*22,9	*25,6
LW4000	dB	*21,9	*20,9	*20,8	*21,0	*21,5
LW8000	dB	*24,9	*24,6	*24,6	*24,6	*24,6
LW	dB	*66,4	*64,8	*66,3	*66,9	70,4
LWA	dB(A)	49,2	47,3	47,5	48,4	50,0

Quantity	Unit	1	2	3	4	5
U	V	180	180	180	180	180
qV	l/s	38,7	55,3	74,0	89,0	103,0
pF	Pa	194,7	154,1	111,8	82,8	55,0
LW63	dB	69,6	*68,4	*68,7	*68,7	69,2
LW125	dB	65,4	62,6	63,5	64,3	65,6
LW250	dB	61,6	58,7	59,8	60,6	61,8
LW500	dB	47,9	46,4	46,7	47,8	49,3
LW1000	dB	39,2	39,8	51,5	47,9	45,5
LW2000	dB	*26,1	*24,6	*25,4	29,7	34,4
LW4000	dB	*24,3	*23,4	*23,0	*24,4	*27,8
LW8000	dB	*26,2	*25,6	*25,6	*25,5	*26,0
LW	dB	71,5	*69,8	70,3	70,6	71,4
LWA	dB(A)	55,0	52,3	55,0	54,6	55,4

MX-roof fan 180E/160, silenced



MX-roof fan 180E/160, silenced

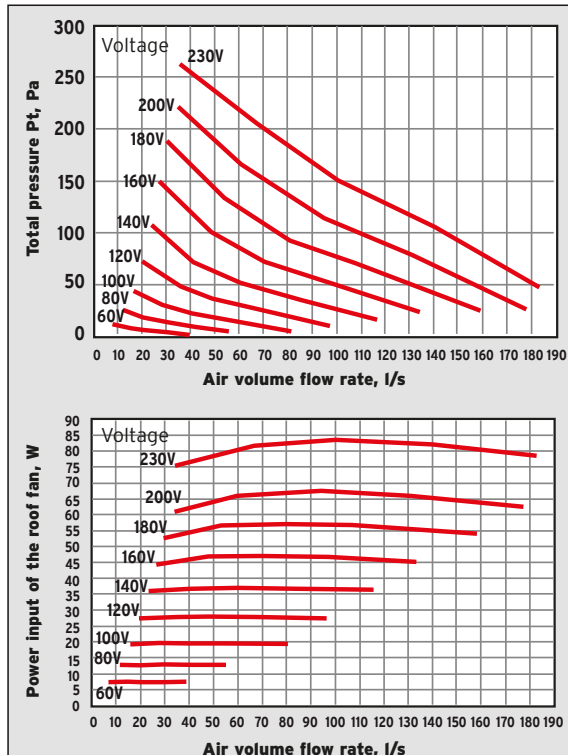
Colour	HVAC-number	Product number
●	7830050	500760
●	7830051	500765
●	7830052	500770
●	7830053	500775
●	7830054	500780
●	7830177	500785



Silencer in the body

Flow rates and electric power

VTT test report No. VTT-S-06664-12



Noise levels VTT test report No. VTT-S-06664-12

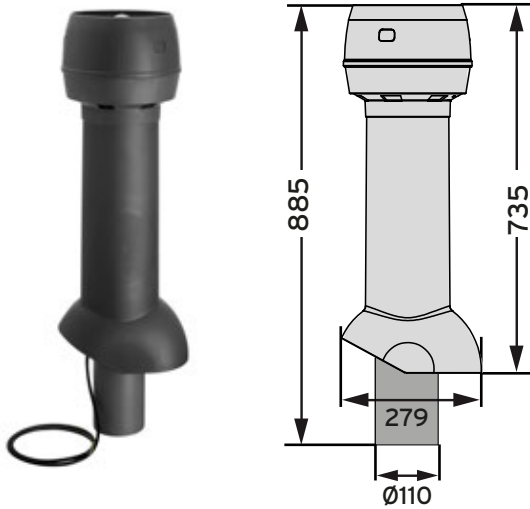
Quantity	Unit	1	2	3	4	5
U	V	100	100	100	100	100
qV	l/s	15,9	27,7	40,0	55,2	80,6
pF	Pa	43,5	29,6	21,6	15,1	3,8
LW63	dB	59,6	53,0	51,5	49,3	52,6
LW125	dB	59,3	55,3	51,6	50,9	52,8
LW250	dB	50,6	44,7	43,1	44,1	48,2
LW500	dB	38,5	32,7	32,9	33,9	38,1
LW1000	dB	28,1	23,3	23,7	24,1	28,6
LW2000	dB	10,0	*	*	*	11,7
LW4000	dB	*	*	*	*	*
LW8000	dB	*	*	*	*	*
LW	dB	62,8	57,6	54,9	53,8	56,5
LWA	dB(A)	46,3	41,2	39,0	39,0	42,6

Quantity	Unit	1	2	3	4	5
U	V	140	140	140	140	140
qV	l/s	23,2	40,6	59,6	84,7	116
pF	Pa	107	70,8	51,2	34,6	15,8
LW63	dB	67,8	62,5	52,6	52,6	56,5
LW125	dB	67,1	59,9	52,3	52,6	55,8
LW250	dB	63,6	56,4	51,0	51,9	58,1
LW500	dB	49,4	43,4	41,5	42,9	46,6
LW1000	dB	38,1	31,8	30,0	31,8	36,7
LW2000	dB	18,0	11,7	10,5	15,4	26,3
LW4000	dB	21,0	15,6	*	*	20,9
LW8000	dB	19,0	*	*	*	*
LW	dB	71,3	65,1	56,9	57,3	61,8
LWA	dB(A)	57,0	49,8	44,5	45,5	50,9

Quantity	Unit	1	2	3	4	5
U	V	180	180	180	180	180
qV	l/s	29,5	53,2	80,2	107	158
pF	Pa	188	133	92,1	70,0	24,1
LW63	dB	72,1	66,0	58,8	57,5	62,1
LW125	dB	73,3	66,1	58,1	58,4	61,3
LW250	dB	70,2	65,1	57,1	57,6	61,9
LW500	dB	56,9	51,2	48,5	49,8	53,5
LW1000	dB	45,7	40,9	37,9	38,7	45,1
LW2000	dB	24,8	20,6	18,5	23,9	37,0
LW4000	dB	28,4	23,5	21,0	22,5	34,8
LW8000	dB	27,7	22,6	19,0	21,6	26,7
LW	dB	76,9	70,6	63,0	62,8	66,8
LWA	dB(A)	63,4	58,2	51,1	51,9	56,4

Quantities and units: U = Voltage, V • qV = Air volume flow, l/s • pF = Roof fan pressure, Pa • LW63...8000 = Octave power level in the suction duct, dB • 63...8000 • Medium frequency of octave bands, Hz • LW = Sound power level in the suction duct, dB • LWA = A-weighted sound power level in the suction duct, dB(A)

MX-radon fan 110

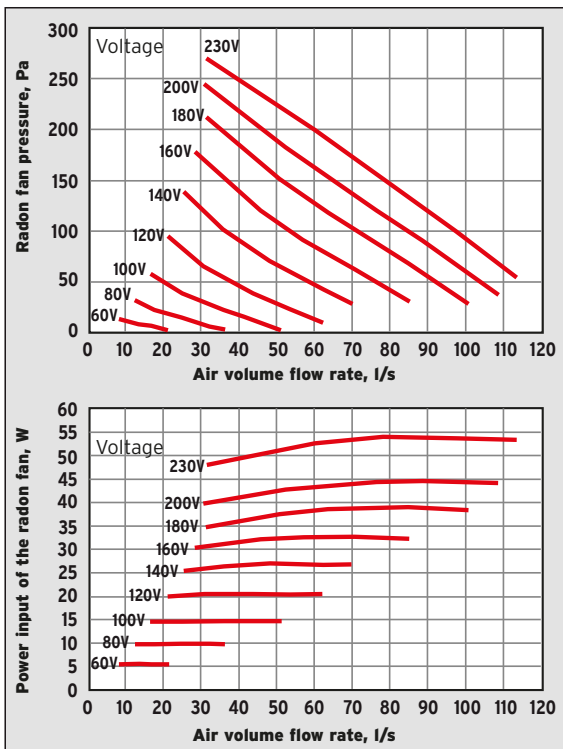


MX-radon fan 110

Colour	HVAC-number	Product number
●	7830055	500880
●	7830056	500885
●	7830057	500890
●	7830058	500895
●	7830059	500900
●	7830178	500905

Flow rates and electric power

VTT test report No. VTT-S-06601-12



Noise levels VTT test report No. VTT-S-06661-12

Quantity	Unit	1	2	3	4	5
U	V	80	80	80	80	80
qV	l/s	12,5	17,8	24,8	32,3	36,4
pF	Pa	31,2	21,9	14,0	6,4	2,1
LW63	dB	51,8	51,3	50,2	54,4	48,5
LW125	dB	56,5	55,6	53,0	53,6	53,3
LW250	dB	48,2	44,5	44,8	47,1	47,5
LW500	dB	44,4	43,8	43,2	43,1	42,9
LW1000	dB	40,9	39,4	40,6	41,4	41,7
LW2000	dB	25,2	21,6	21,0	21,0	21,1
LW4000	dB	19,8	20,2	25,3	25,2	23,7
LW8000	dB	18,1	16,6	*	*	*
LW	dB	58,5	57,5	55,7	57,7	55,7
LWA	dB(A)	46,4	45,2	45,2	46,0	45,9

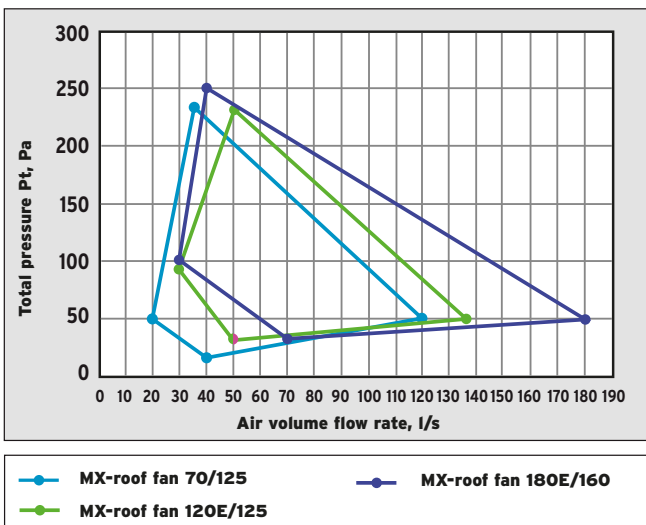
Quantity	Unit	1	2	3	4	5
U	V	120	120	120	120	120
qV	l/s	21,1	30,8	43,9	53,7	62,1
pF	Pa	94,3	64,8	38,0	22,1	8,9
LW63	dB	56,3	53,9	51,5	54,0	55,1
LW125	dB	72,2	61,0	63,7	68,3	69,0
LW250	dB	67,5	55,1	54,8	55,9	57,5
LW500	dB	54,7	50,8	52,7	53,2	53,1
LW1000	dB	52,2	50,1	50,7	50,6	51,9
LW2000	dB	44,1	39,2	37,9	39,1	41,3
LW4000	dB	32,8	27,7	25,9	26,8	29,7
LW8000	dB	18,9	21,5	20,1	20,3	22,5
LW	dB	73,7	63,1	64,9	68,9	69,6
LWA	dB(A)	62,1	54,3	55,5	57,6	58,4

Quantity	Unit	1	2	3	4	5
U	V	160	160	160	160	160
qV	l/s	28,5	45,8	57,0	70,7	85,2
pF	Pa	177	120	90,7	61,2	29,5
LW63	dB	59,8	55,9	55,3	55,6	57,1
LW125	dB	66,8	62,1	61,9	62,8	63,6
LW250	dB	73,7	67,9	68,9	72,1	76,2
LW500	dB	60,4	57,6	57,4	57,9	59,0
LW1000	dB	59,0	68,1	63,8	58,8	59,4
LW2000	dB	52,7	51,7	48,5	50,1	52,8
LW4000	dB	43,7	39,1	38,2	39,0	41,9
LW8000	dB	32,9	28,5	27,2	26,9	27,9
LW	dB	75,0	71,8	71,0	73,0	76,6
LWA	dB(A)	66,9	68,5	65,2	64,3	67,1

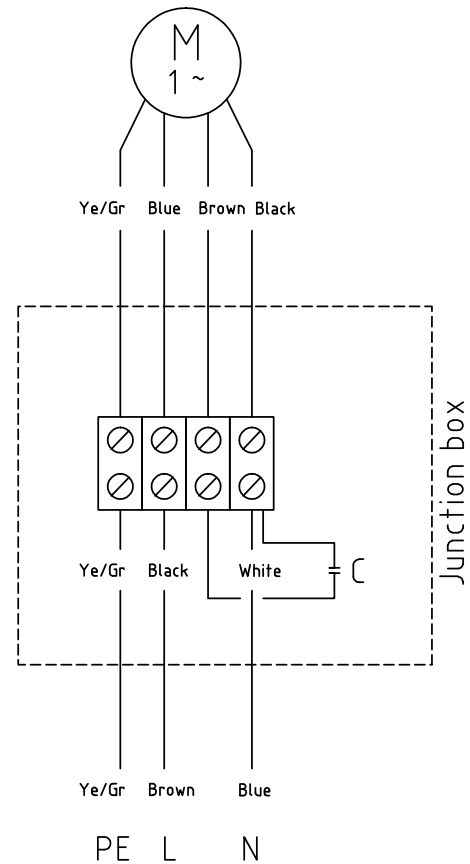
Quantities and units: U = Voltage, V • qV = Air volume flow, l/s • pF = Roof fan pressure, Pa • LW63...8000 = Octave power level in the suction duct, dB • 63...8000 • Medium frequency of octave bands, Hz • LW = Sound power level in the suction duct, dB • LWA = A-weighted sound power level in the suction duct, dB(A)

Quick guide for choosing MX-roof fans for dwelling ventilation

Dwelling area, m ²	Air change rate, (m ³ /h)/m ³	Air flow, l/s	MX-roof fan
< 50	0,7	20	MX 70/125
80	0,5	30	MX 70/125
120	0,5	45	MX 120E/125
160	0,5	60	MX 120E/125, MX 180E/160
> 200	0,5	80	MX 180E/160



Circuit diagram



Electrical and technical specifications

	Power/W	Voltage/V	Rated current/A	Capacitor / uF	Speed of rotation/rpm	Speed control
MX-roof fan 70	52	230/50 Hz	0,23	1,5	2350	Thyristor or step transformer
MX-roof fan 120E	52	230/50 Hz	0,23	1,5	2350	
MX-roof fan 180E	85	230/50 Hz	0,38	3	2500	
MX-radon fan 110	52	230/50 Hz	0,23	1,5	2350	

Roof and radon exhaust fan motors

With the motor part of the MX-radon fan, a MX-radon exhaust pipe can be easily retrofitted as a radon fan. Contains the roof fan motor installed in the top part of the cowl. The motor parts are available as spare parts for MX-radon and roof fans in all colours.



MX-motor controller WCMC1

A thyristor controller for MX-roof fans. The controller is installed into a surface or flush-mounted power outlet. Rated flow of 0.1-1.0 A. Comes in white, grey or aluminium.



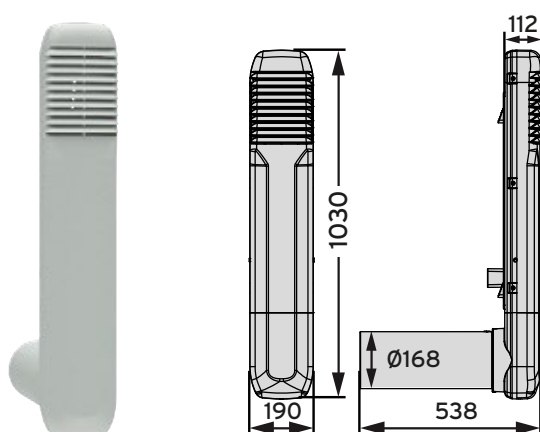


MX-ventilation pole

Stylish, understated design and colour options allow for efficient base floor ventilation without compromising the look of the building.

MX-ventilation pole 160

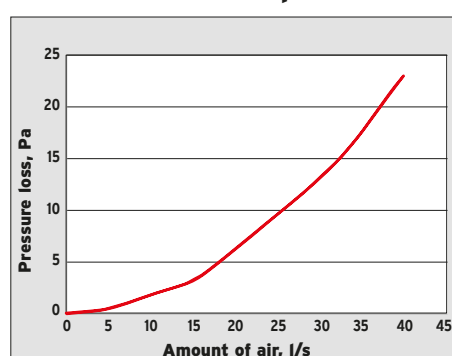
For base floor and crawl space ventilation and incoming air. The free cross-sectional area of the ventilation pole is 152 cm² at the smallest point.



MX-ventilation pole 160

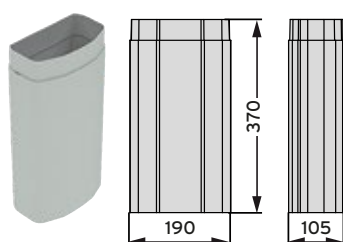
Colour	HVAC-number	Product number
○	7830060	162110
●	7830061	162100
●	7830062	162105

MX-ventilation pole 160



MX-ventilation pole add-on 330 mm

The add-on for the MX-ventilation pole is an accessory. The add-on raises the ventilation pole by 330 mm, and several add-ons can be connected to gain greater heights.



MX-ventilation pole add-on 330 mm

Colour	HVAC-number	Product number
○	7830071	162125
●	7830069	162115
●	7830070	162120

When thinking about base floor ventilation, the shape and location of the building must be taken into account, as well as structural issues that affect the flow of air. Section C2 of the National Building Code of Finland (RakMK) details the requirements for the placement and total surface area of base floor ventilation openings.

MX Ventilation Products

Retailer:



www.meltex.fi

