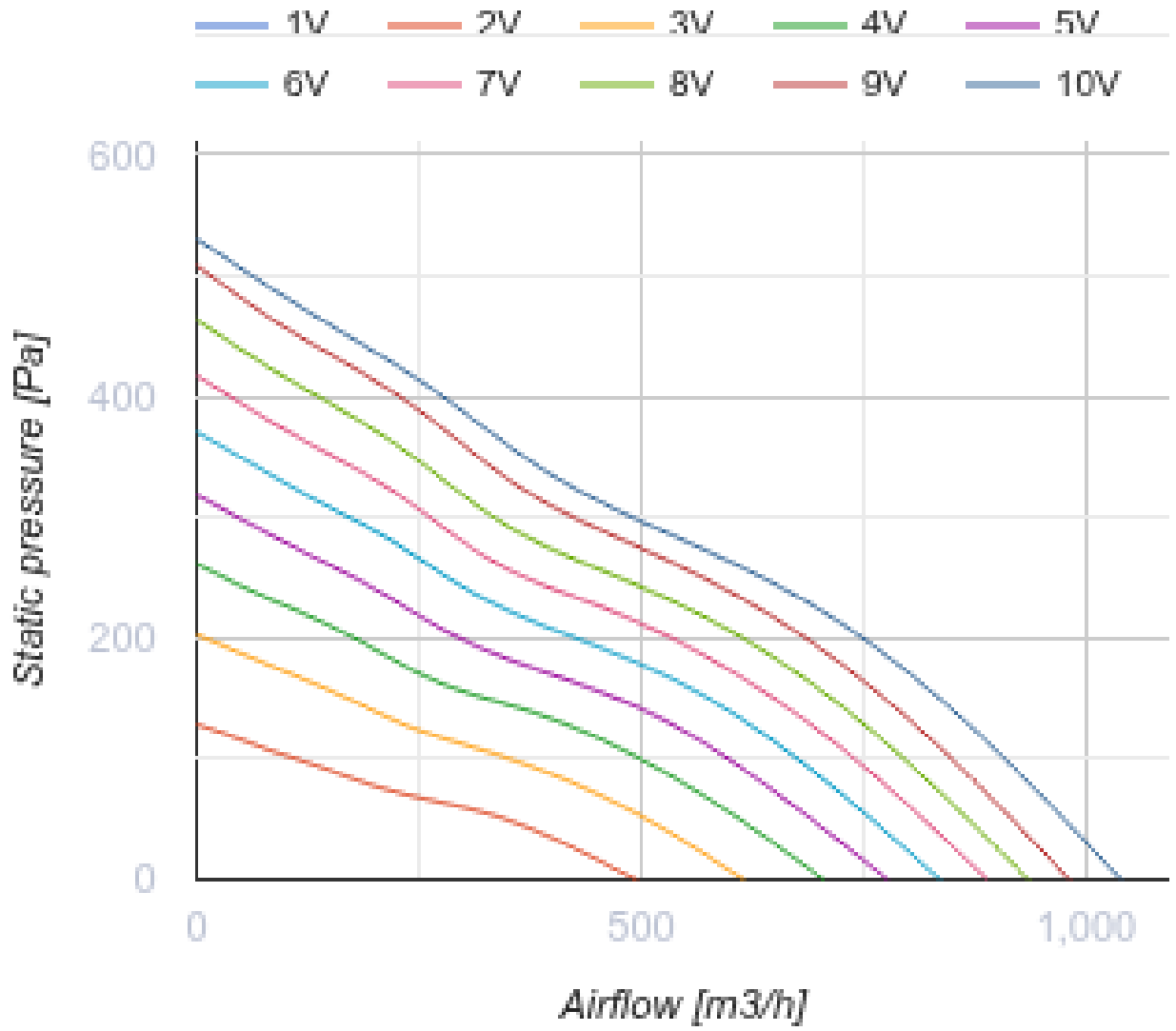
TT Silent-M 200 EC U

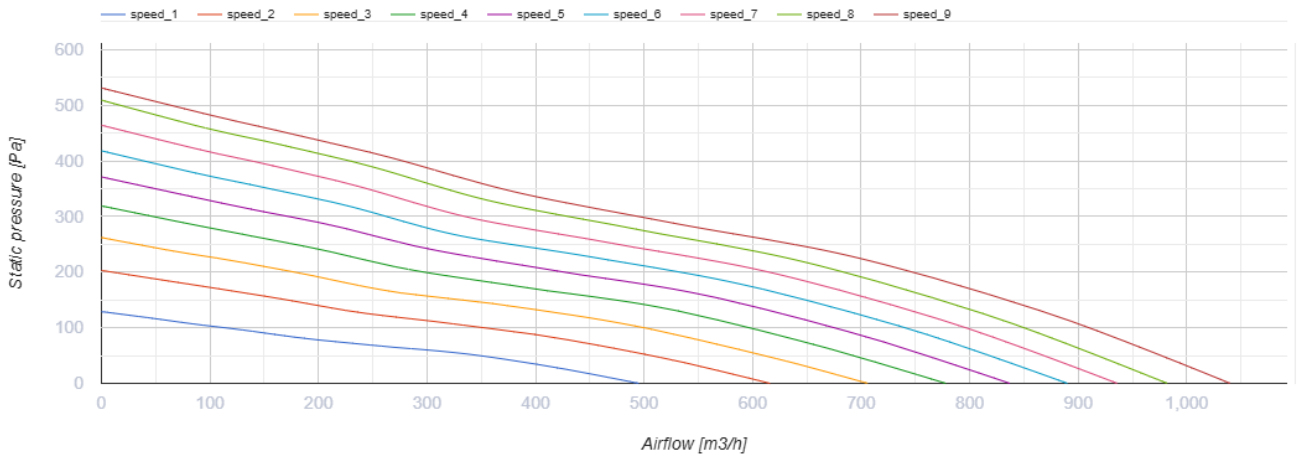
Mixed-flow inline fans in sound-insulated casing with EC-motors

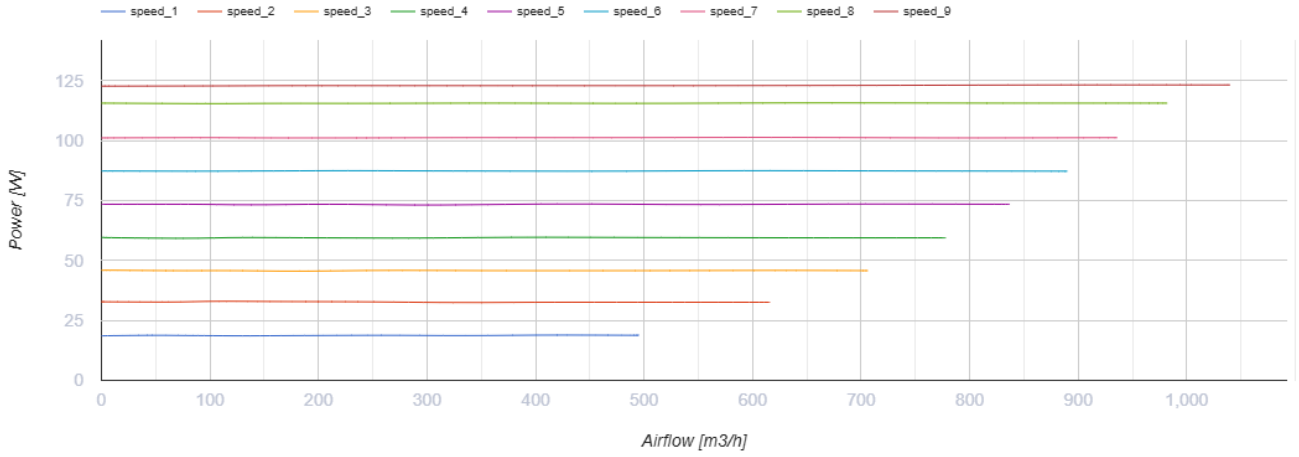


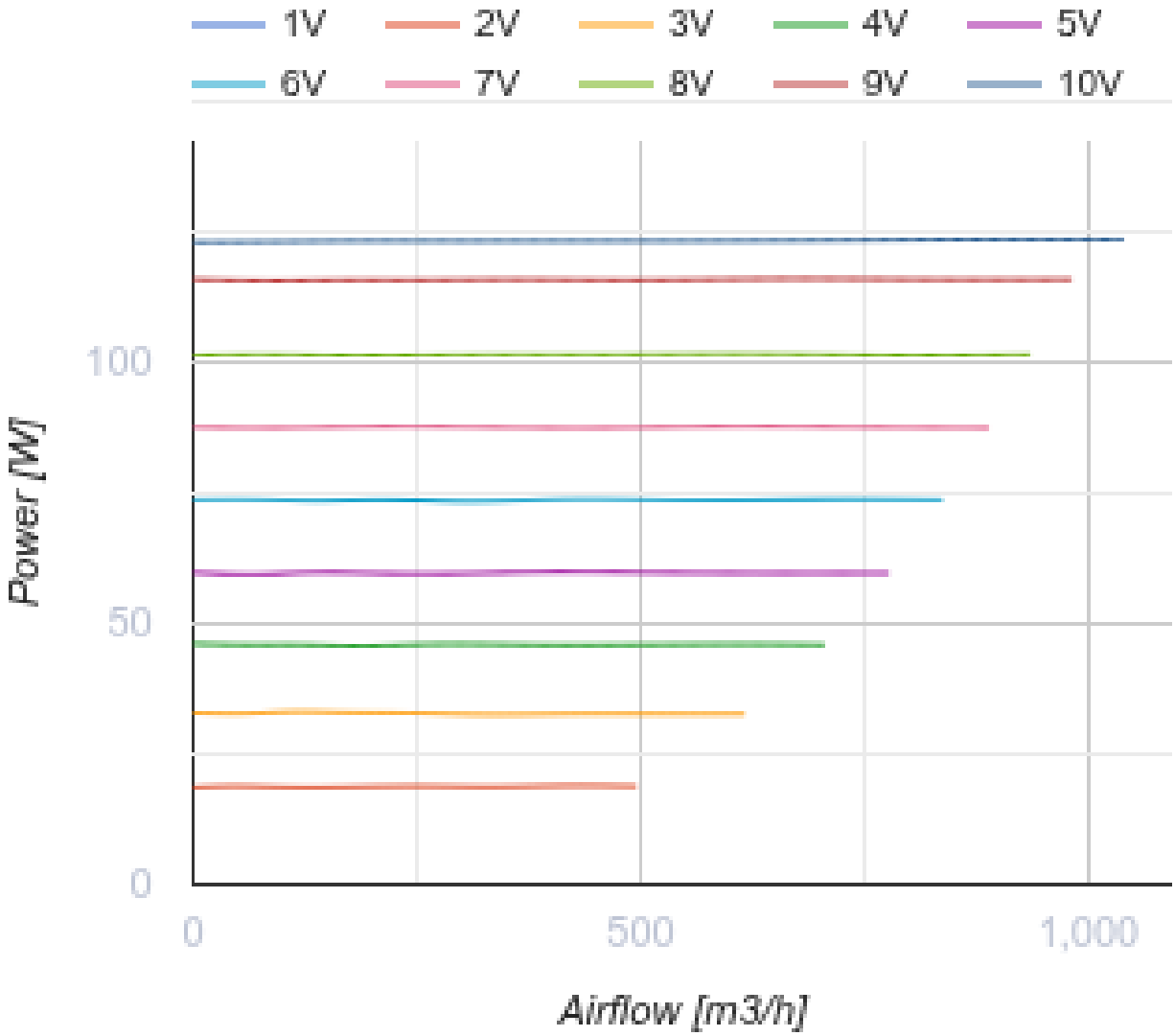
- Sound pressure level LpA at 3 m: 43
- Sound-insulated casing
- Control: Built-in speed controller
- Impeller type: Mixed-flow
- Casing material: Coated steel
- Installation in any position
- Cable with mains plug
- Temperature sensor

	Unit of measurement	TT Silent-M 200 EC U
Connected air duct size	mm	200
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	120
Unit current	A	0.97
Maximum airflow	m^3/h	1240
Rotation speed at 50hz	-	3534
Sound pressure level LpA at 3 m	dB(A)	43
Weight	kg	8.6
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Impeller material	-	Plastic


1V
2V
3V
4V
5V
6V
7V
8V
9V
10V
600
400
200
0
Static pressure [Pa]
0
500
1,000
Airflow [m3/h]

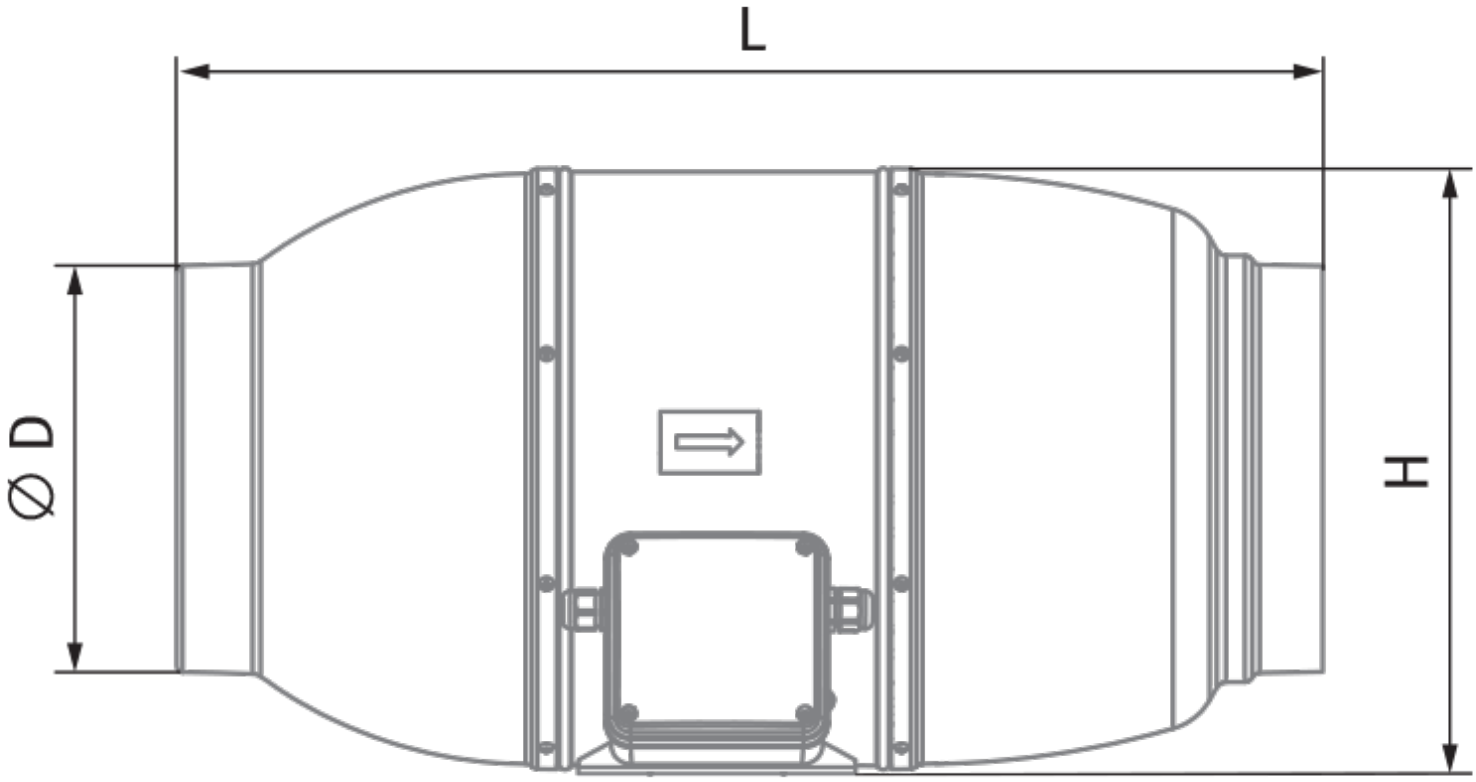

speed_1
speed_2
speed_3
speed_4
speed_5
speed_6
speed_7
speed_8
speed_9
600
500
400
300
200
100
0
Static pressure [Pa]
0
100
200
300
400
500
600
700
800
900
1,000
Airflow [m3/h]

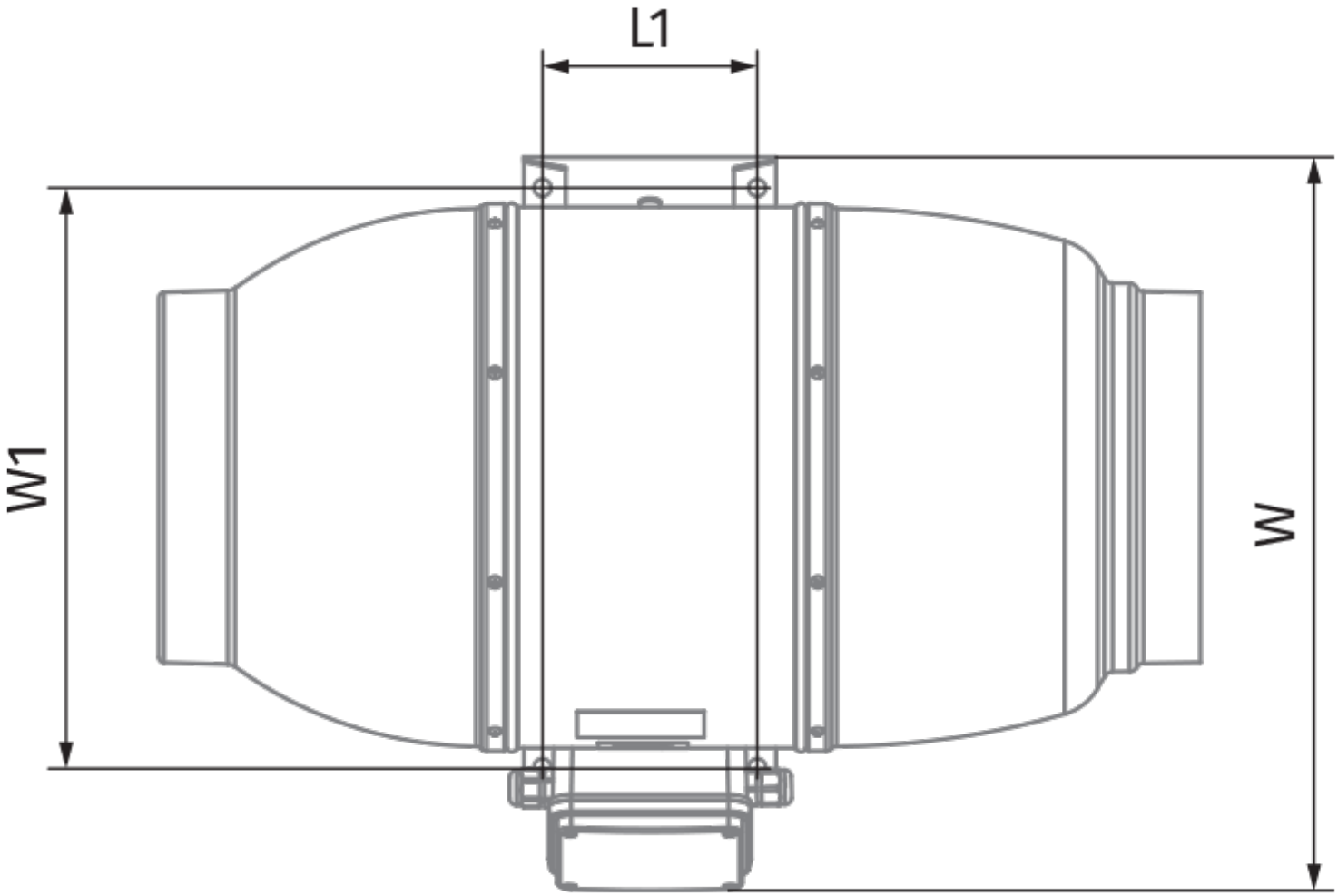

speed_1
speed_2
speed_3
speed_4
speed_5
speed_6
speed_7
speed_8
speed_9
Power [W]
125
100
75
50
25
0
0
100
200
300
400
500
600
700
800
900
1,000
Airflow [m3/h]


1V
2V
3V
4V
5V
6V
7V
8V
9V
10V
Power [W]
100
50
0
0
500
1,000
Airflow [m3/h]

Dimensions

ØD	H	L	L1	W	W1
198	295	560	115	392	310





Accessories

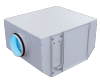
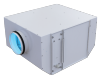
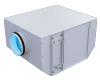
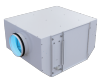
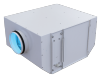
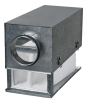
For round ducts

Name	Photo	Description

SRF 200/600		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material
SRF 200/900		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material
SRF 200/2000		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material
SRP 200/500		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 200/600		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 200/750		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 200/900		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 200/1200		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 200/1500		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 200/2000		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film

For round ducts

Name	Photo	Description
FB K2 200 G4/F8		Panel filters of a high purification level
FB K2 200 G4/C/F8		Panel filters of a high purification level
FB K2 200 G4/H13		Panel filters of a high purification level
FB K2 200 G4/C/H13		Panel filters of a high purification level

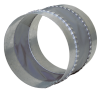
FB K2 200 ES		Panel electrostatic filters of a high purification level
FB K2 200 G4/F8 UV		Filter boxes with a high purification level and air disinfection
FB K2 200 G4/C/F8 UV		Filter boxes with a high purification level and air disinfection
FB K2 200 G4/H13 UV		Filter boxes with a high purification level and air disinfection
FB K2 200 G4/C/H13 UV		Filter boxes with a high purification level and air disinfection
FB K2 200 UV		Filter boxes with a high purification level and air disinfection
FB 200		Round panel air filters
FBV 200		Round panel air filters with a large filtration area
FBK 200-4		Round bag air filters
FBK 200-5		Round bag air filters
FBK 200-7		Round bag air filters

For round ducts

Name	Photo	Description
KOM 200		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KOMu 200		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KOM1 200		Backdraught gravity damper for shutting off air flow in round air ducts

KR 200		Air dampers for controlling air flow in round air ducts
KRV 200		Air dampers for automatic air flow control in round ducts

For round ducts

Name	Photo	Description
VVG 200		Flexible anti-vibration inserts for round ducts
VVGF 200		Flexible anti-vibration inserts with flanges for round air ducts

Water heaters

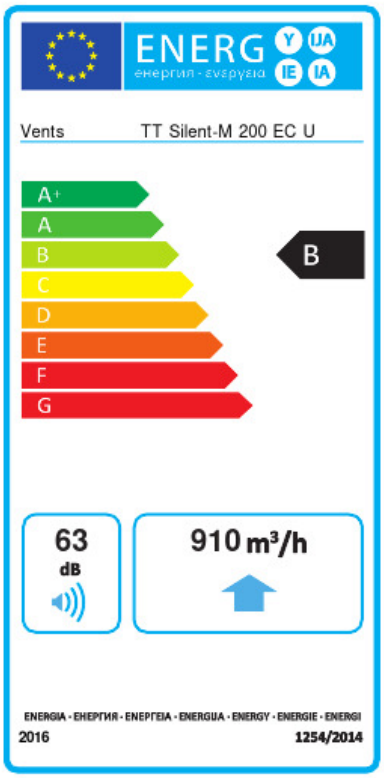
Name	Photo	Description
NKV 200-2		Inline water supply air heaters or heater for air handling units with a round cross-section
NKV 200-4		Inline water supply air heaters or heater for air handling units with a round cross-section

Electrical heaters

Name	Photo	Description
NK 200-1,2-1		Round electric inline heaters with round cross-section
NK 200-1,7-1		Round electric inline heaters with round cross-section
NK 200-2,0-1		Round electric inline heaters with round cross-section
NK 200-2,4-1		Round electric inline heaters with round cross-section
NK 200-3,4-1		Round electric inline heaters with round cross-section
NK 200-3,6-3		Round electric inline heaters with round cross-section

NK 200-5,1-3		Round electric inline heaters with round cross-section
NK 200-6,0-3		Round electric inline heaters with round cross-section

Ecodesign



Trademark	Vents					
Model	TT Silent-M 200 EC U					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-54.1	A+	-27.1	B	-11.6	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	910					
Electric power input (W)	123					
Reference flow rate (m³/s)	0.177					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.094					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	63					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	50		50		50	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	