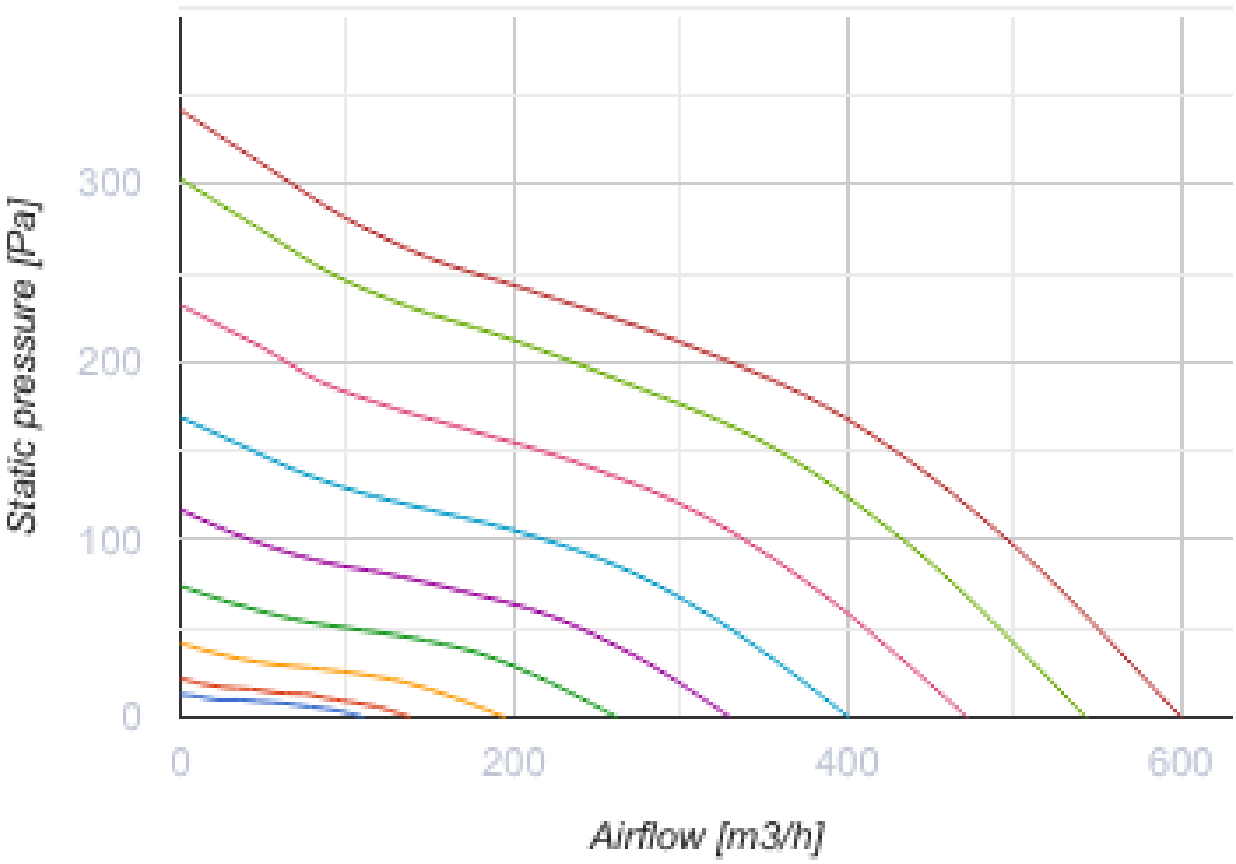
Stream 150/160 EC

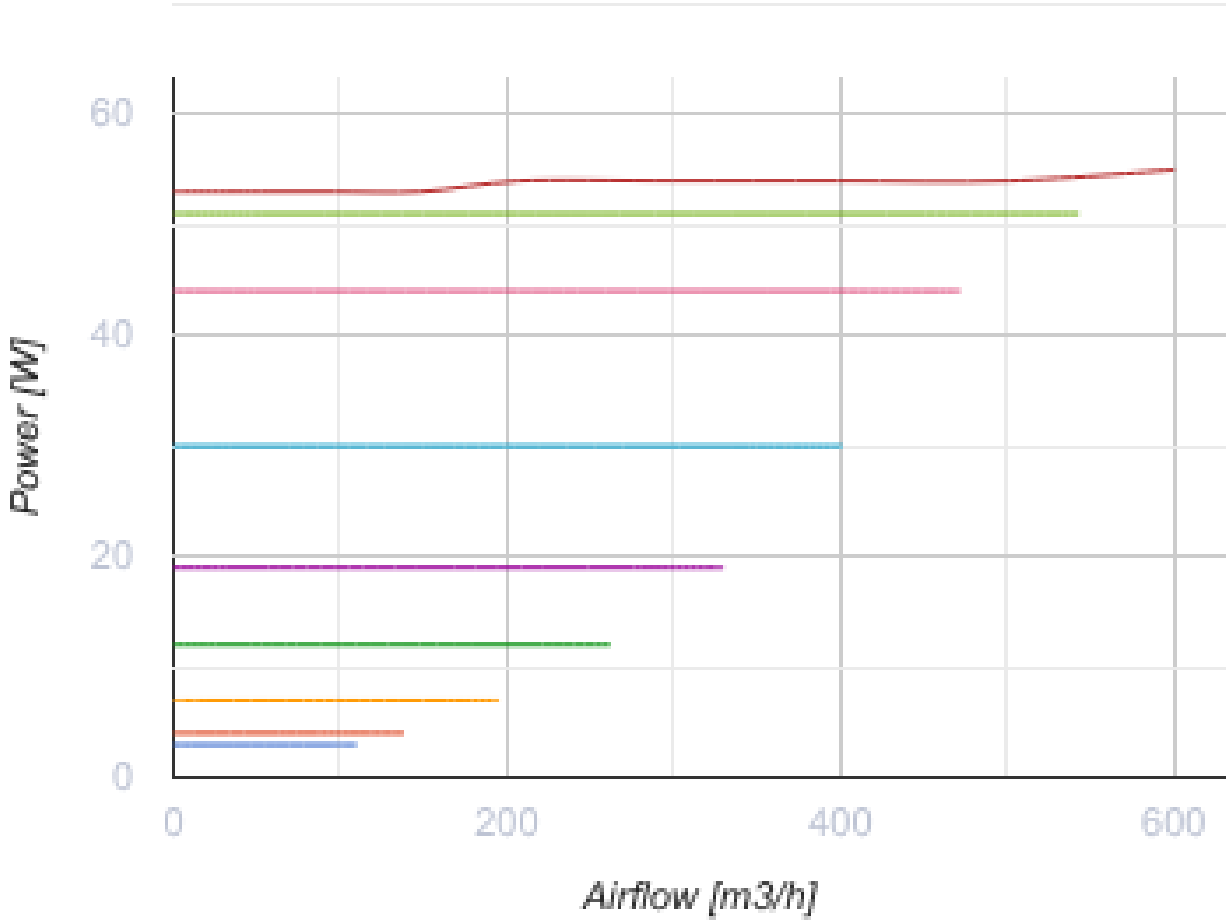
Mixed-flow inline fans in sound-insulated casings with EC-motors

- Sound pressure level LpA at 3 m: 38
- Sound-insulated casing
- Impeller type: Mixed-flow
- Casing material: Polypropylene



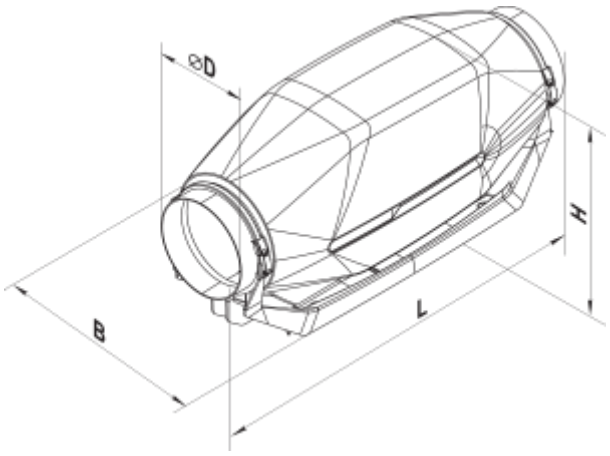
	Unit of measurement	Stream 150/160 EC
Connected air duct size	mm	150/160
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	55
Unit current	A	0.49
Maximum airflow	m^3/h	600
Rotation speed at 50hz	-	3506
Sound pressure level LpA at 3 m	dB(A)	38
Weight	kg	5
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-25
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
Impeller material	-	Plastic


Static pressure [Pa]
300
200
100
0
0
200
400
600
Airflow [m3/h]



Dimensions

Ø D	B	L	H
150 (160)	253	606	273



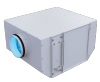
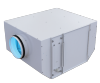
Accessories

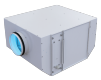
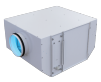
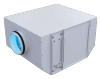
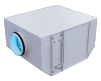
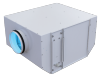
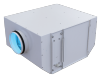
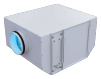
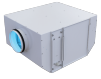
For round ducts

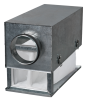
Name	Photo	Description
SR 150/600		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 150/900		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 150/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 160/600		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 160/900		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 160/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SRF 160/2000		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material
SRP 150/500		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 150/600		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 150/750		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 150/900		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 150/1200		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 150/1500		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 150/2000		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film

SRP 160/500		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 160/600		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 160/750		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 160/900		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 160/1200		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 160/1500		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 160/2000		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 150 G4/F8		Panel filters of a high purification level
FB K2 150 G4/C/F8		Panel filters of a high purification level
FB K2 150 G4/H13		Panel filters of a high purification level
FB K2 150 G4/C/H13		Panel filters of a high purification level
FB K2 150 ES		Panel electrostatic filters of a high purification level
FB K2 150 G4/F8 UV		Filter boxes with a high purification level and air disinfection
FB K2 150 G4/C/F8 UV		Filter boxes with a high purification level and air disinfection

FB K2 150 G4/H13 UV		Filter boxes with a high purification level and air disinfection
FB K2 150 G4/C/H13 UV		Filter boxes with a high purification level and air disinfection
FB K2 150 UV		Filter boxes with a high purification level and air disinfection
FB K2 160 G4/F8 UV		Filter boxes with a high purification level and air disinfection
FB K2 160 G4/C/F8 UV		Filter boxes with a high purification level and air disinfection
FB K2 160 G4/H13 UV		Filter boxes with a high purification level and air disinfection
FB K2 160 G4/C/H13 UV		Filter boxes with a high purification level and air disinfection
FB K2 160 UV		Filter boxes with a high purification level and air disinfection
FB 150		Round panel air filters
FB 160		Round panel air filters
FBV 150		Round panel air filters with a large filtration area
FBV 160		Round panel air filters with a large filtration area
FBK 150-4		Round bag air filters
FBK 150-5		Round bag air filters
FBK 150-7		Round bag air filters

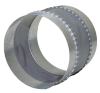
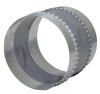
FBK 160-4		Round bag air filters
FBK 160-5		Round bag air filters
FBK 160-7		Round bag air filters

For round ducts

Name	Photo	Description
KOM 150		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KOM 160		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KOMu 150		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KOMu 160		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KOM1 150		Backdraught gravity damper for shutting off air flow in round air ducts
KOM1 160		Backdraught gravity damper for shutting off air flow in round air ducts
KR 150		Air dampers for controlling air flow in round air ducts
KR 160		Air dampers for controlling air flow in round air ducts
KRV 150		Air dampers for automatic air flow control in round ducts
KRV 160		Air dampers for automatic air flow control in round ducts

For round ducts

Name	Photo	Description

VVG 150		Flexible anti-vibration inserts for round ducts
VVG 160		Flexible anti-vibration inserts for round ducts

Water heaters

Name	Photo	Description
NKV 150-2		Inline water supply air heaters or heater for air handling units with a round cross-section
NKV 150-4		Inline water supply air heaters or heater for air handling units with a round cross-section
NKV 160-2		Inline water supply air heaters or heater for air handling units with a round cross-section
NKV 160-4		Inline water supply air heaters or heater for air handling units with a round cross-section

Electrical heaters

Name	Photo	Description
NK 150-1,2-1		Round electric inline heaters with round cross-section
NK 150-1,7-1		Round electric inline heaters with round cross-section
NK 150-2,0-1		Round electric inline heaters with round cross-section
NK 150-2,4-1		Round electric inline heaters with round cross-section
NK 150-3,4-1		Round electric inline heaters with round cross-section
NK 150-3,6-3		Round electric inline heaters with round cross-section
NK 150-5,1-3		Round electric inline heaters with round cross-section

NK 150-6,0-3		Round electric inline heaters with round cross-section
NK 160-1,2-1		Round electric inline heaters with round cross-section
NK 160-1,7-1		Round electric inline heaters with round cross-section
NK 160-2,0-1		Round electric inline heaters with round cross-section
NK 160-2,4-1		Round electric inline heaters with round cross-section
NK 160-3,4-1		Round electric inline heaters with round cross-section
NK 160-3,6-3		Round electric inline heaters with round cross-section
NK 160-5,1-3		Round electric inline heaters with round cross-section
NK 160-6,0-3		Round electric inline heaters with round cross-section

Speed controllers

Name	Photo	Description
R-1/010		Speed controller for EC motors

Ecodesign

Trademark	Vents					
Model	Stream 150/160 EC					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-54.3	A+	-27.3	B	-11.8	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	320					
Electric power input (W)	39					
Reference flow rate (m³/s)	0.054					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.077					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	54					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	41		41		41	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	