

# Stream 100/125 EC

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

- Maximum airflow: 350
- Sound pressure level LpA at 3 m: 28
- Sound insulation
- Motor type: EC
- Control: Speed controller
- Impeller type: Mixed-flow
- Casing material: Plastic



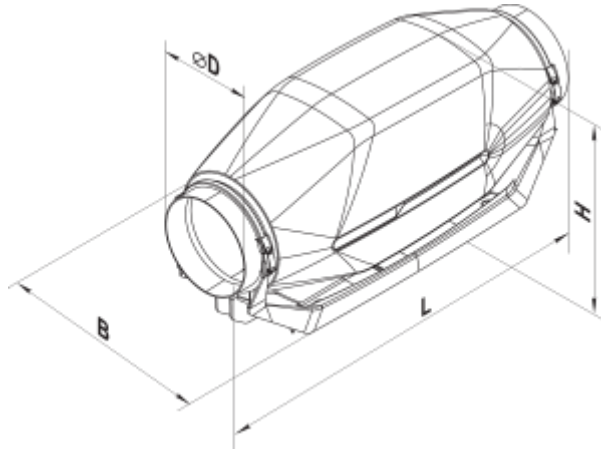
	Unit of measurement	Stream 100/125 EC
Connected air duct size	mm	125
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	20
Unit current	A	0.77
Maximum airflow	m <sup>3</sup> /h	350
rotation speed at 50hz	-	3002
Sound pressure level LpA at 3 m	dB(A)	28
Weight	kg	3.6
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





## Dimensions

$\varnothing D$	B	L	H
125	207	502	224






## Accessories


### Speed controllers

Name	Photo	Description
<a href="#">R-1/010</a>		Speed controller for EC motors

### For round ducts






Name	Photo	Description
<a href="#">SR 125/600</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
<a href="#">SR 125/900</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
<a href="#">SR 125/1200</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material

### For round ducts



Name	Photo	Description
<a href="#">FB 125</a>		Round panel air filters

<a href="#">FBK 125-4</a>		Round bag air filters
<a href="#">FBK 125-5</a>		Round bag air filters
<a href="#">FBK 125-7</a>		Round bag air filters


### Electrical heaters

Name	Photo	Description
<a href="#">NK 125-0,6-1</a>		Round electric inline heaters with round cross-section
<a href="#">NK 125-0,8-1</a>		Round electric inline heaters with round cross-section
<a href="#">NK 125-1,2-1</a>		Round electric inline heaters with round cross-section
<a href="#">NK 125-1,6-1</a>		Round electric inline heaters with round cross-section
<a href="#">NK 125-2,4-1</a>		Round electric inline heaters with round cross-section

### Water heaters

Name	Photo	Description
<a href="#">NKV 125-2</a>		Inline water supply air heaters or heater for air handling units with a round cross-section
<a href="#">NKV 125-4</a>		Inline water supply air heaters or heater for air handling units with a round cross-section

### For round ducts

Name	Photo	Description
<a href="#">KOM 125</a>		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts

[KR\\_125](#)



Air dampers for controlling air flow in round air ducts

## Ecodesign

Trademark	Vents					
Model	Stream 100/125 EC					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold		Average		Warm	
	-54.4	A+	-27.4	B	-11.9	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m <sup>3</sup> /h)	176					
Electric power input (W)	18					
Reference flow rate (m <sup>3</sup> /s)	0.036					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.07					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	38					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	37		37		37	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	