

# Stream 100/125 EC S (125 spigot) R

Sound- and heat-insulated mixed flow duct fans with EC motor

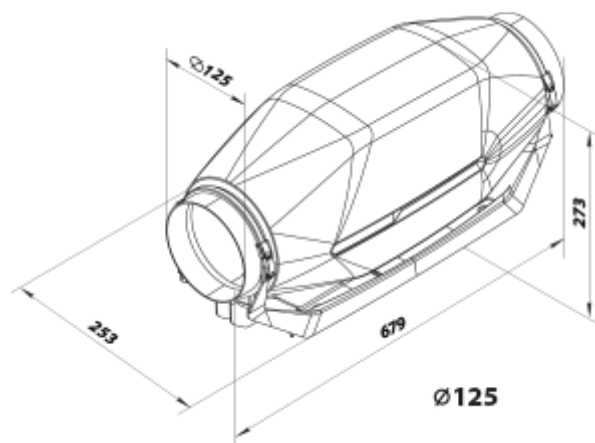
- Maximum airflow: 450
- Sound pressure level LpA at 3 m: 33
- Sound insulation
- Motor type: EC
- Impeller type: Mixed
- Casing material: Plastic
- Installation in any position
- Cable with mains plug



	Unit of measurement	Stream 100/125 EC S (125 spigot) R
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	39
Unit current	A	0.37
Maximum airflow	m <sup>3</sup> /h	450
rotation speed at 50hz	-	3138
Sound pressure level LpA at 3 m	dB(A)	33
Weight	kg	5
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
ErP compliance	-	2016, 2018
Cold - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	54.3
SEC Class Cold	-	A+











Average - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	27.3
SEC Class Average	-	B
Warm - Specific energy consumption (SEC)	kWh/(m <sup>2</sup> /a)	11.8
SEC Class Warm	-	E
Unit category	-	RVU
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	320
Electric power input	W	39
Reference flow rate	m <sup>3</sup> /s	0.054
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m <sup>3</sup> /h)	0.077
Control typology	-	Local demand control
Maximum external leakage rates	%	2.7
Cold - The annual electricity consumption (AEC)	kWh/a	41
Average - The annual electricity consumption (AEC)	kWh/a	41
Warm - Jährlicher Stromverbrauch (JSV)	kWh/a	41
Cold - The annual heating saved (AHS)	kWh/a	5536
The annual heating saved (AHS) Average	kWh/a	2830
The annual heating saved (AHS) Warm	kWh/a	1280
Sound power level	dB(A)	54
Declared typology	-	RVU UVU

## Dimensions






## Accessories

### Electrical heaters




Name	Photo	Description
<a href="#">NK 125-0,8-1 U</a>		Duct electric heater with temperature controller or control unit
<a href="#">NK 125-0,6-1 U</a>		Duct electric heater with temperature controller or control unit
<a href="#">NK 125-2,4-1</a>		Duct electric heater
<a href="#">NK 125-1,6-1</a>		Duct electric heater
<a href="#">NK 125-1,2-1</a>		Duct electric heater
<a href="#">NK 125-0,8-1</a>		Duct electric heater
<a href="#">NK 125-0,6-1</a>		Duct electric heater
<a href="#">NK 125-1,2-1 U</a>		Duct electric heater with temperature controller or control unit
<a href="#">NK 125-1,6-1 U</a>		Duct electric heater with temperature controller or control unit
<a href="#">NK 125-2,4-1 U</a>		Duct electric heater with temperature controller or control unit

### For round ducts




Name	Photo	Description
<a href="#">FB 125</a>		Panel filters
<a href="#">FBK 125-4</a>		Pocket filter
<a href="#">FBK 125-5</a>		Pocket filter

<a href="#">FBK 125-7</a>		Pocket filter
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### For round ducts

Name	Photo	Description
<a href="#">SR 125/1200</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 125/900</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
<a href="#">SR 125/600</a>		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems



### For round ducts

Name	Photo	Description
<a href="#">KOM 125</a>		Spring-loaded backdraft damper for round ducts
<a href="#">KOMu 125</a>		Spring-loaded backdraft damper for round ducts
<a href="#">KR 125</a>		Air damper for air flow control in round air ducts

### Speed controllers

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

### Water heaters

Name	Photo	Description
<a href="#">NKV 125-2</a>		Duct water heaters are designed for heating of supply air in round ventilation systems. They can be also applied in supply or supply and exhaust ventilating units
<a href="#">NKV 125-4</a>		Duct water heaters are designed for heating of supply air in round ventilation systems. They can be also applied in supply or supply and exhaust ventilating units