

Stream 100/125 EC S (125 spigot)

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

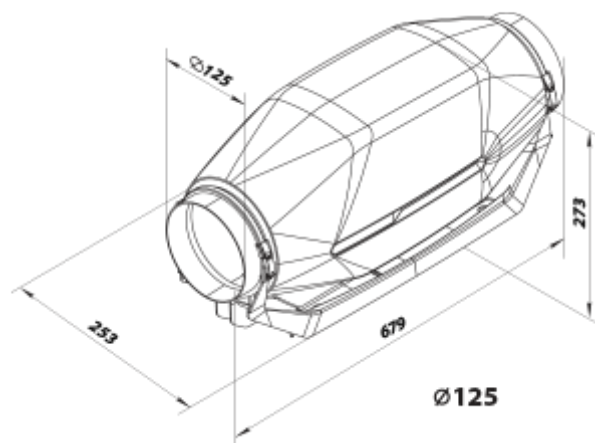
- Maximum airflow: 450
- Sound pressure level LpA at 3 m: 33
- Sound insulation
- Motor type: EC
- Impeller type: Mixed
- Casing material: Plastic
- Installation in any position



	Unit of measurement	Stream 100/125 EC S (125 spigot)
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 ³ /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 ² /a)	54.3
SEC Class Cold	-	A+

Average - Specific energy consumption (SEC)	kWh/(m ² /a)	27.3
SEC Class Average	-	B
Warm - Specific energy consumption (SEC)	kWh/(m ² /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 ³ /h	320
Electric power input	W	39
Reference flow rate	m ³ /s	0.054
Reference pressure difference	Pa	50
Specific power input (SPI)	W/(m ³ /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



Speed controllers

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






For round ducts






Name	Photo	Description
KR 125		Air damper for air flow control in round air ducts
KOM 125		Spring-loaded backdraft damper for round ducts
KOMu 125		Spring-loaded backdraft damper for round ducts

Water heaters




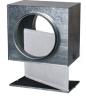
Name	Photo	Description
NKV 125-4		Duct water heaters are designed for heating of supply air in round ventilation systems. They can be also applied in supply or supply and exhaust ventilating units
NKV 125-2		Duct water heaters are designed for heating of supply air in round ventilation systems. They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

Electrical heaters




Name	Photo	Description
NK 125-2,4-1		Duct electric heater
NK 125-1,6-1		Duct electric heater
NK 125-1,2-1		Duct electric heater
NK 125-0,8-1		Duct electric heater
NK 125-0,6-1		Duct electric heater

NK 125-0,6-1 U		Duct electric heater with temperature controller or control unit
NK 125-0,8-1 U		Duct electric heater with temperature controller or control unit
NK 125-1,2-1 U		Duct electric heater with temperature controller or control unit
NK 125-1,6-1 U		Duct electric heater with temperature controller or control unit
NK 125-2,4-1 U		Duct electric heater with temperature controller or control unit

For round ducts

Name	Photo	Description
FBK 125-7		Pocket filter
FBK 125-5		Pocket filter
FBK 125-4		Pocket filter
FB 125		Panel filters

For round ducts

Name	Photo	Description
SR 125/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 125/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 125/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems