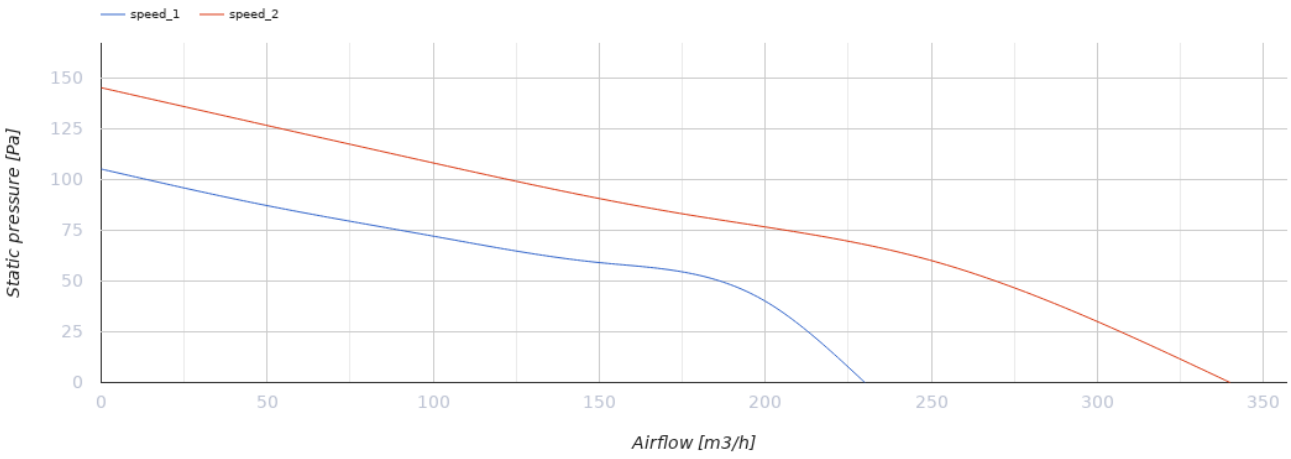


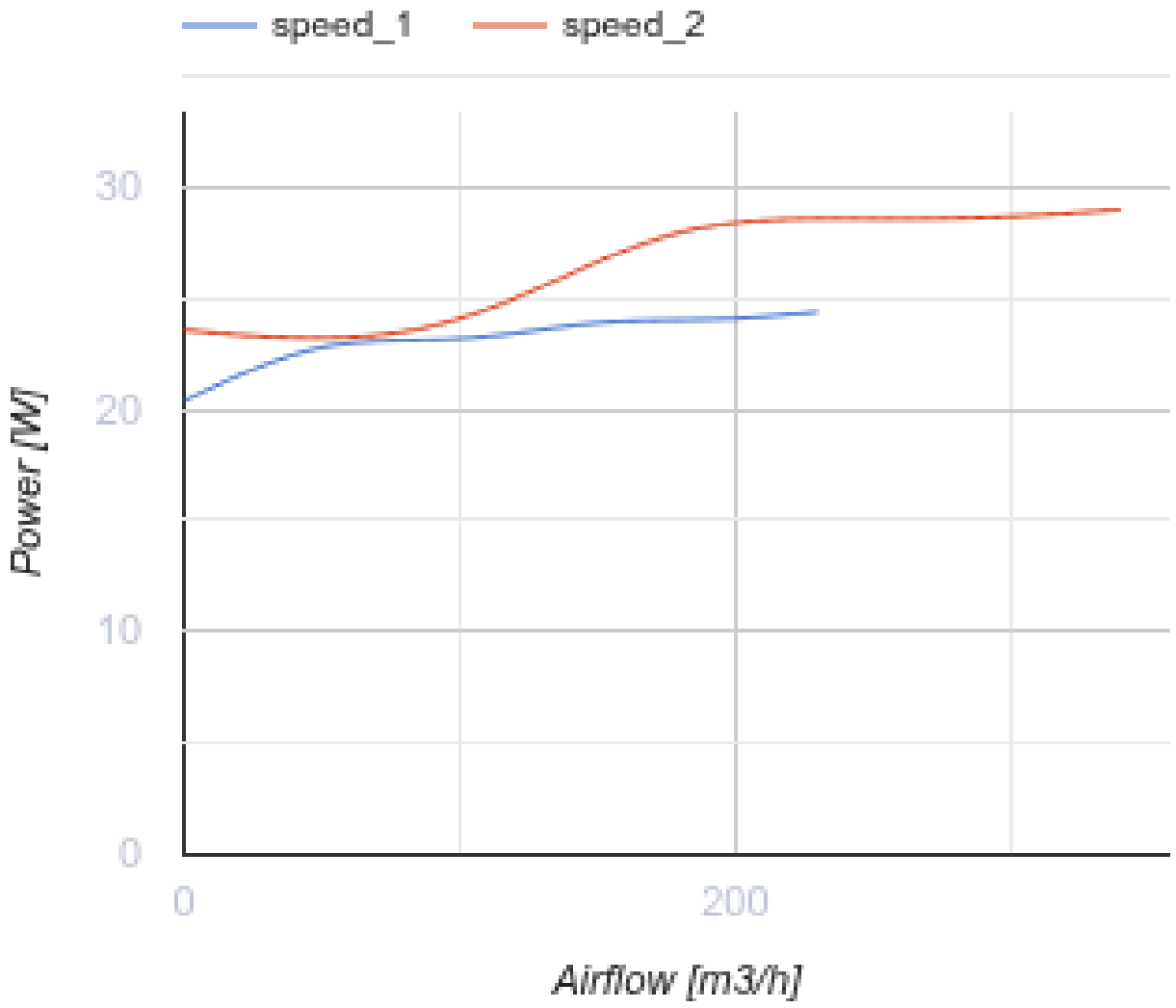
Iso-Mix 125 FR1

Mixed-flow inline fans in sound-insulated casings

- Sound-insulated casing
- Control: Built-in speed controller
- Impeller type: Mixed-flow
- Casing material: Coated steel
- Installation in any position
- Cable with mains plug

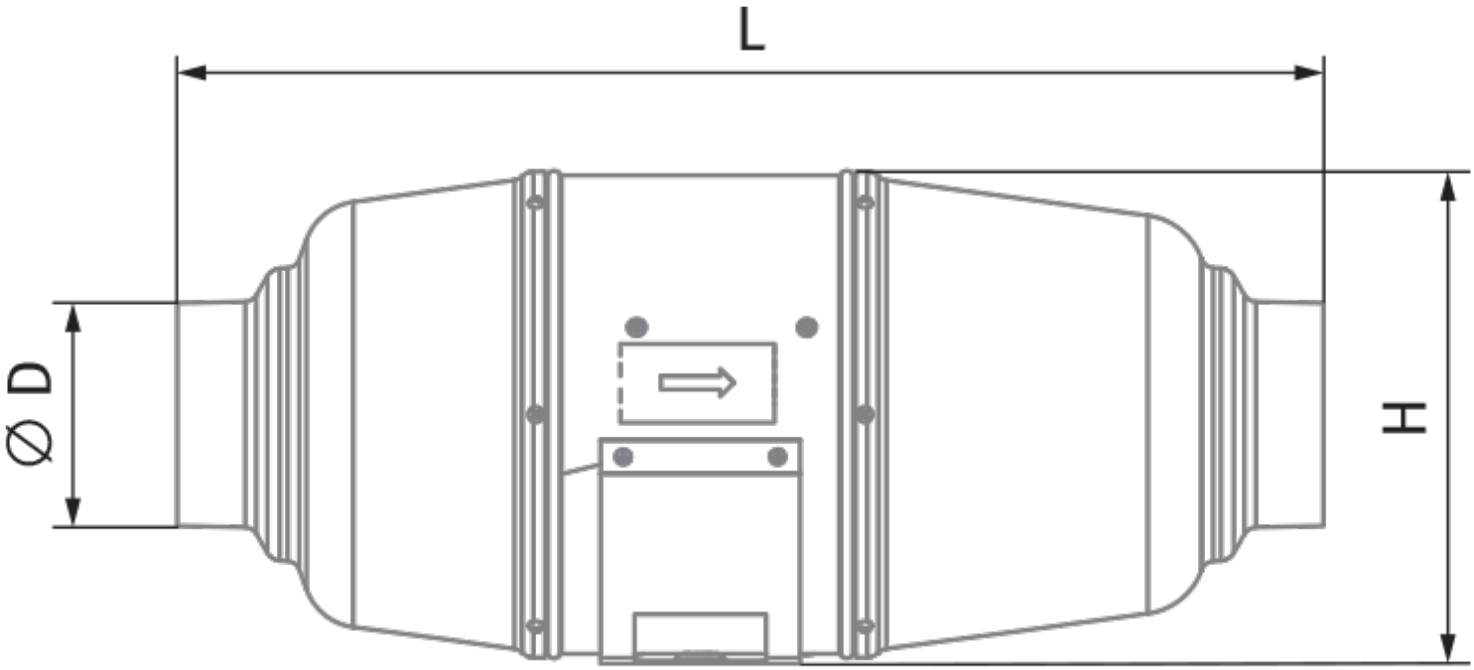
	Unit of measurement	Iso-Mix 125 FR1		
Speed	-	1	2	3
Phases	-	1		
Minimum supply voltage	V	230		
Maximum supply voltage	V	230		
Power supply frequency	Hz	50/60		
Maximum airflow	m³/h	155	214	340
Weight	kg	4.6		
Transported air temperature (max)	°C	60		
Ingress protection rating	-	IPX4		
Ingress protection rating of the drive	-	IP44		
Impeller material	-	Plastic		

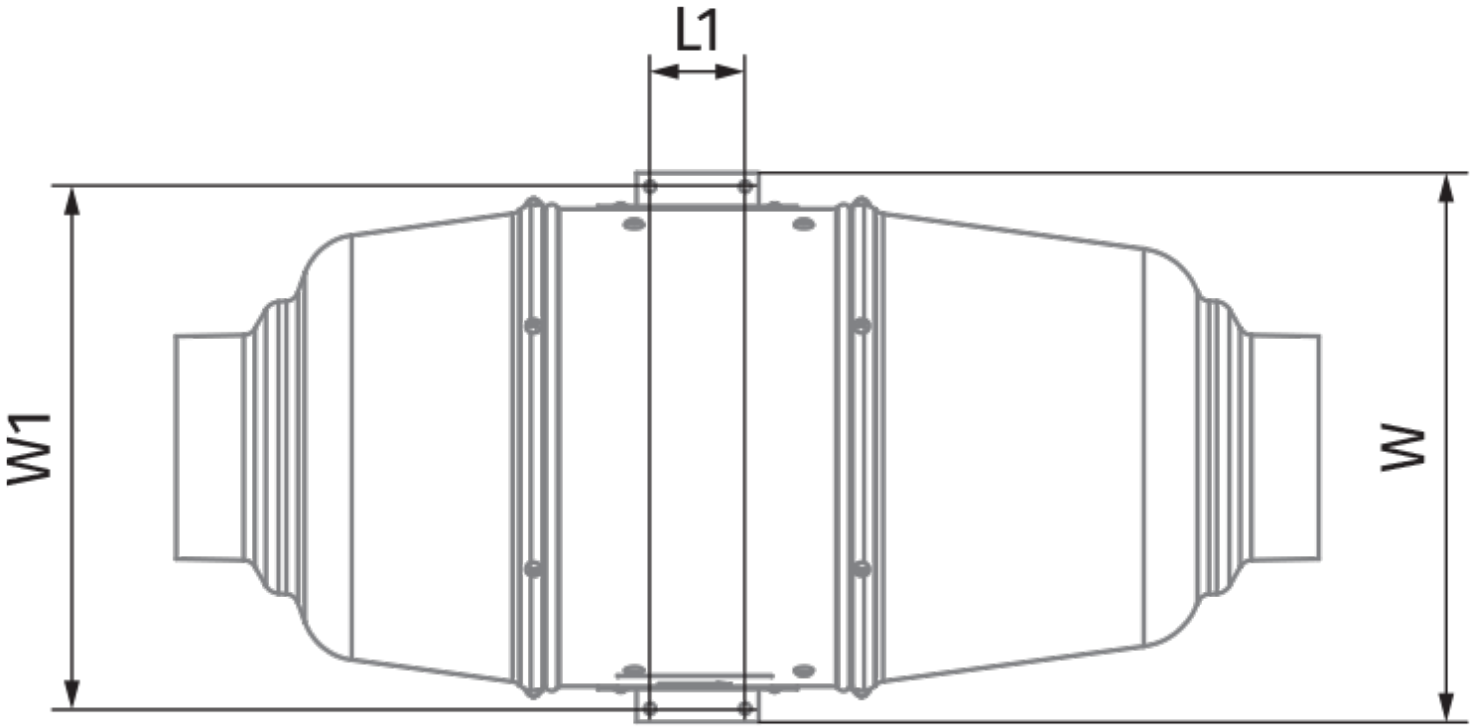

speed_1
speed_2
Static pressure [Pa]
150
125
100
75
50
25
0
0
50
100
150
200
250
300
350
Airflow [m3/h]


speed_1
speed_2
Power [W]
30
20
10
0
0
200
Airflow [m3/h]

Dimensions

Ø D	H	L	L1	W	W1
123	220	474	42	243	231




L1
W1
W

Ecodesign

Trademark	Blauberg					
Model	Iso-Mix 125 FR1					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-54.1	A+	-27	B	-11.5	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Multi-speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	145					
Electric power input (W)	22					
Reference flow rate (m³/s)	0.035					
Nominal flow rate (m³/s)	0.035					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.286					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	45					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	51		51		51	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	

Accessories

For round ducts

Name	Photo	Description
SD 125/600		Silencers for round ducts
SD 125/900		Silencers for round ducts

SD 125/1200		Silencers for round ducts

For round ducts

Name	Photo	Description
KFBK 125		Filter boxes for round ducts
KFBT 125 G4		Filter boxes with pocket filters for round ducts
KFBT 125 F5		Filter boxes with pocket filters for round ducts
KFBT 125 F7		Filter boxes with pocket filters for round ducts

For round ducts

Name	Photo	Description
VRV 150		Backdraft dampers with spring for round ducts
VKA 150		Air dampers for round ducts

Water heaters

Name	Photo	Description
WKH 125-2		Duct water heaters for round ducts
WKH 125-4		Duct water heaters for round ducts

Electrical heaters

Name	Photo	Description
EKH 125-0.6		Duct electrical heaters for round ducts

EKH 125-0.8		Duct electrical heaters for round ducts
EKH 125-1.2		Duct electrical heaters for round ducts
EKH 125-1.6		Duct electrical heaters for round ducts
EKH 125-2.4		Duct electrical heaters for round ducts

Thyristor speed controllers

Name	Photo	Description
CDT E1.8		Thyristor speed controller
CDT1 E0.5		Multi-speed switches

Speed control switches

Name	Photo	Description
CDP-3/5		Multi-speed switch

Humidity sensors

Name	Photo	Description
HSE / HSI 1.5		Sensors
TE / TI 1.5		Timers
LSE / LSI 1.5		Sensors
IRSE / IRSI 1.5		Sensors