

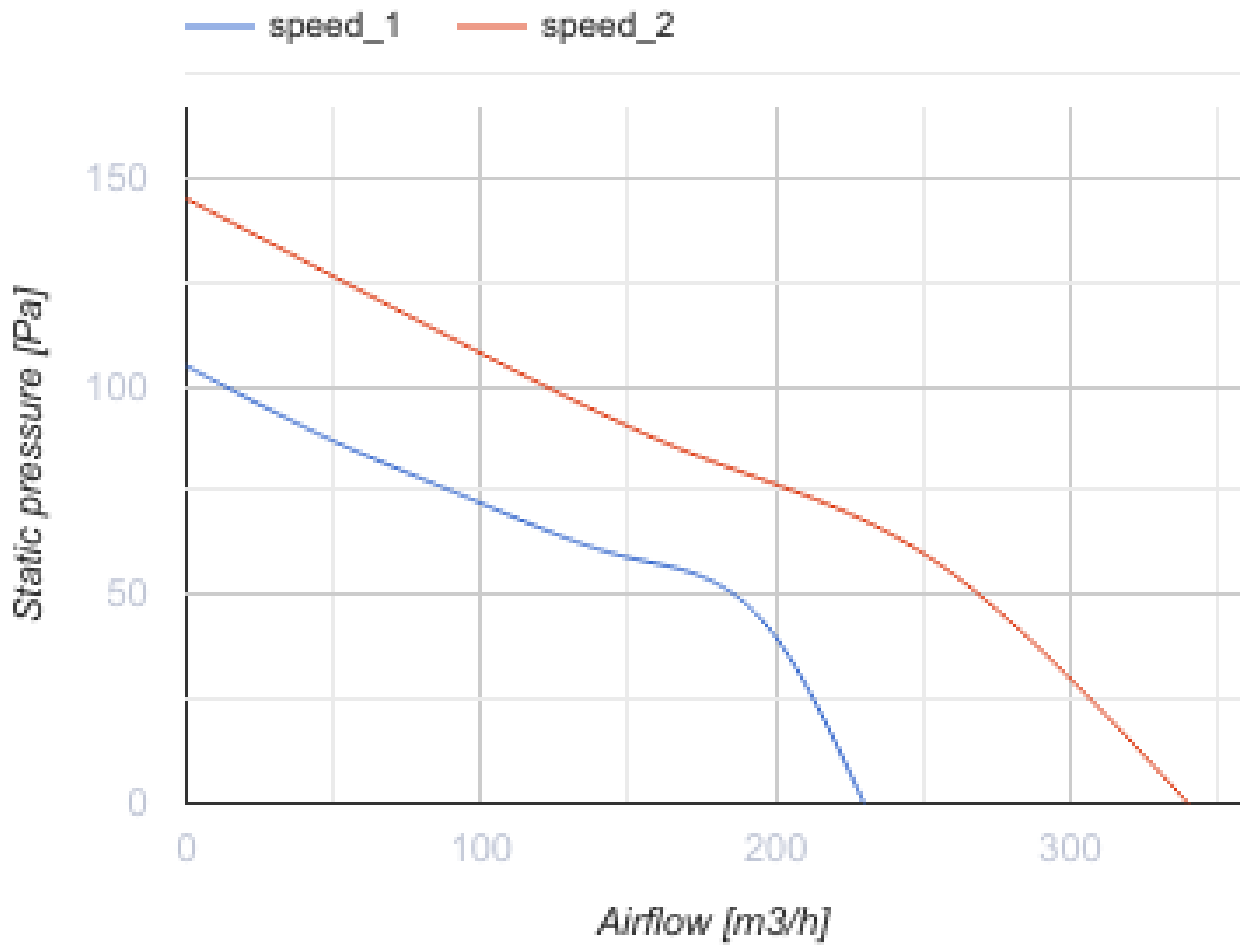
Iso-Mix 125 US

Sound-insulated inline mixed-flow fans



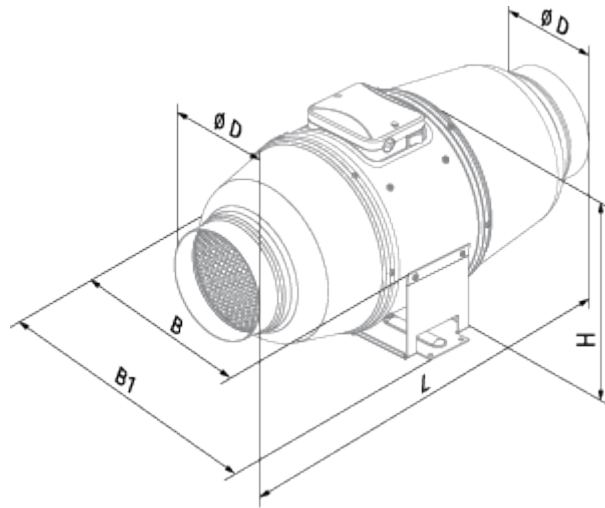
- Maximum airflow: 347
- Sound pressure level LpA at 3 m: 28
- Sound insulation
- Motor type: AC
- Control: Built-in speed controller
- Impeller type: Mixed-flow
- Casing material: Coated steel
- Installation in any position

	Unit of measurement	Iso-Mix 125 US	
Connected air duct size	mm	125	
Speed	-	2	
Phases	-	1	
Minimum supply voltage	V	230	
Maximum supply voltage	V	230	
Power supply frequency	Hz	50/60	
Rated power	W	25	29
Unit current	A	0.11	0.13
Maximum airflow	m ³ /h	235	347
rotation speed at 50hz	-	1660	2315
Sound pressure level LpA at 3 m	dB(A)	23	28
Weight	kg	4.6	
Transported air temperature (max)	°C	60	
Ingress protection rating	-	IPX4	
Ingress protection rating of the drive	-	IP44	

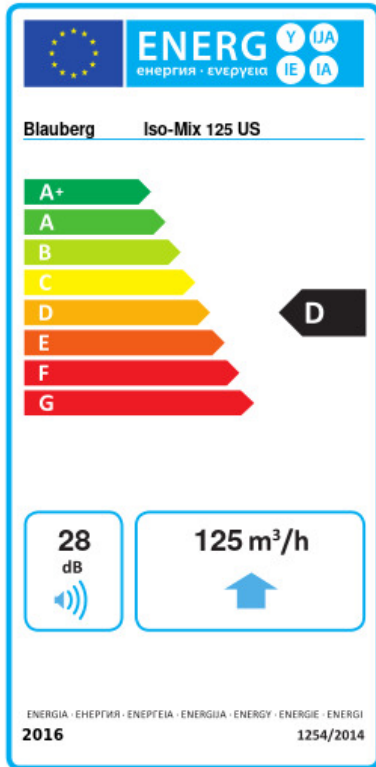


Dimensions

ØD	B	B1	L	H
123	214	243	474	251



Ecodesign



Trademark	Blaubeerg					
Model	Iso-Mix 125 US					
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold	Average	Warm			
	50	A+	23	D	7.5	F
Type of ventilation unit	Unidirectional					
Type of drive installed	Multi-speed					
Type of heat recovery system	None					
Maximum flow rate (m ³ /h)	125					
Electric power input (W)	29					
Reference flow rate (m ³ /s)	0.024					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m ³ /h))	0.286					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	28					
Declared typology	RVU UVU					
The annual electricity consumption (AEC) (kWh/a)	Cold	Average	Warm			
	213	213	213			
The annual heating saved (AHS) (kWh/a)	Cold	Average	Warm			
	5536	2830	1280			


Accessories

Speed control switches





Name	Photo	Description
CDP-2/5		Multi-speed switch
CDP-2/10		Multi-speed switch

Thyristor speed controllers






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

Humidity sensors





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

Electrical heaters




Name	Photo	Description
EKH 125-0.8		Duct electrical heaters for round ducts
EKH 125-0.6		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

For round ducts



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

For round ducts

Name	Photo	Description
SD 125/1200		Silencers for round ducts
SD 125/900		Silencers for round ducts
SD 125/600		Silencers 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

For round ducts

Name	Photo	Description
VRV 125		Backdraft dampers with spring for round ducts
VKA 125		Air dampers for round ducts