

# Iso-B 160

Sound-insulated inline centrifugal fans

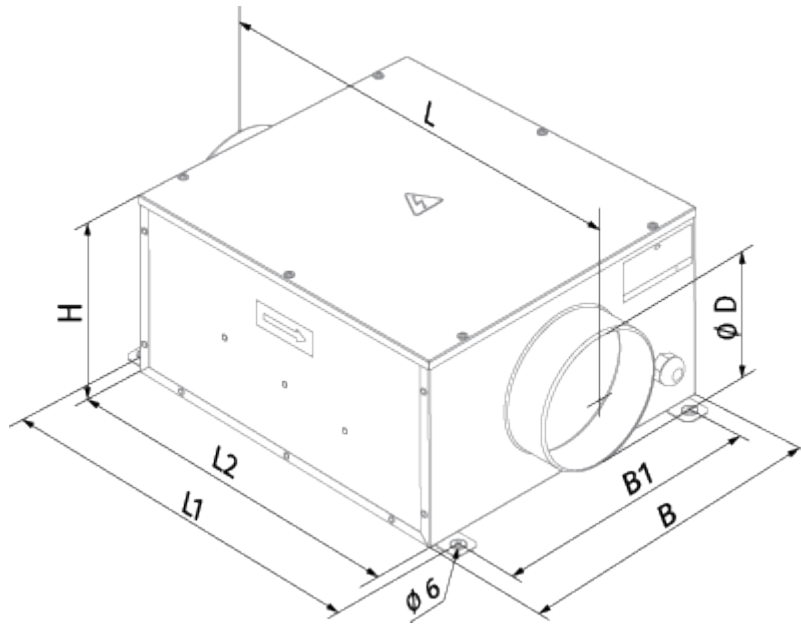


- Maximum airflow: 420
- Sound pressure level LpA at 3 m: 36
- Sound insulation
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel
- Installation in any position

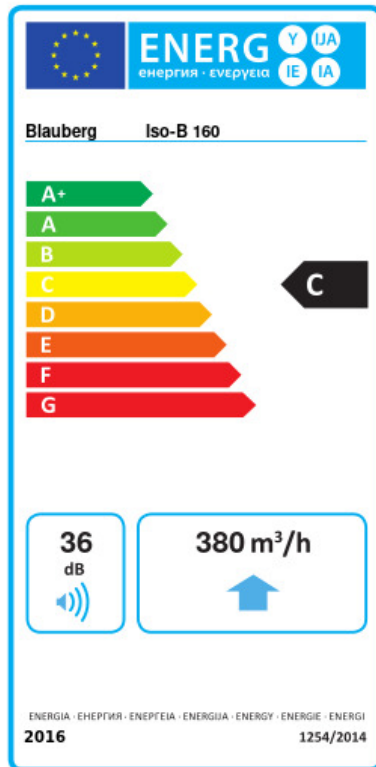
	Unit of measurement	Iso-B 160
Connected air duct size	mm	160
Speed	-	1
Minimum supply voltage	V	220
Maximum supply voltage	V	240
Power supply frequency	Hz	50/60
Rated power	W	75
Unit current	A	0.33
Maximum airflow	m <sup>3</sup> /h	420
Sound pressure level LpA at 3 m	dB(A)	36
Weight	kg	6.4
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4

## Dimensions

D	B	B1	H	L	L1	L2
159	352	310	212	447	410	380



## Ecodesign



Trademark	Blaubeerg					
Model	Iso-B 160					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold		Average		Warm	
	-52.5	A+	-25.4	C	-9.9	F
Type of ventilation unit	Unidirectional					
Type of drive installed	Multi-speed					
Type of heat recovery system	None					
Maximum flow rate (m <sup>3</sup> /h)	380					
Electric power input (W)	75					
Reference flow rate (m <sup>3</sup> /s)	0.074					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.155					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	36					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	116		116		116	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	




## Accessories

### Thyristor speed controllers

Name	Photo	Description
<a href="#">CDT E1.8</a>		Thyristor speed controller

### Humidity sensors

Name	Photo	Description
<a href="#">TE / TI 1.5</a>		Timers

<a href="#">HSE / HSI 1.5</a>		Sensors
<a href="#">LSE / LSI 1.5</a>		Sensors
<a href="#">IRSE / IRSI 1.5</a>		Sensors