

## Iso-B EC 160

Sound-insulated inline centrifugal fans

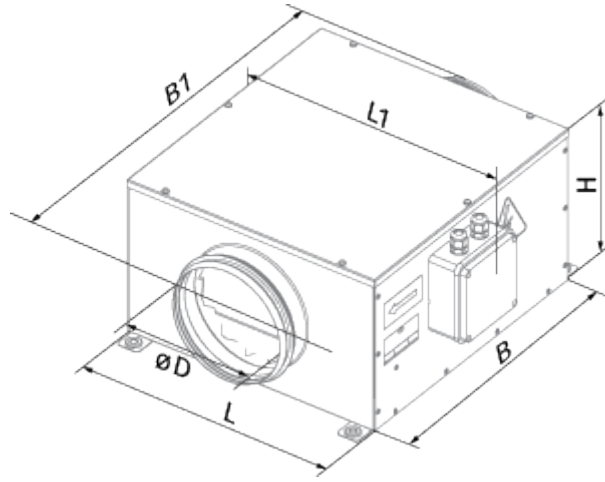


- Maximum airflow: 425
- Sound pressure level LpA at 3 m: 35
- Sound insulation
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel
- Installation in any position

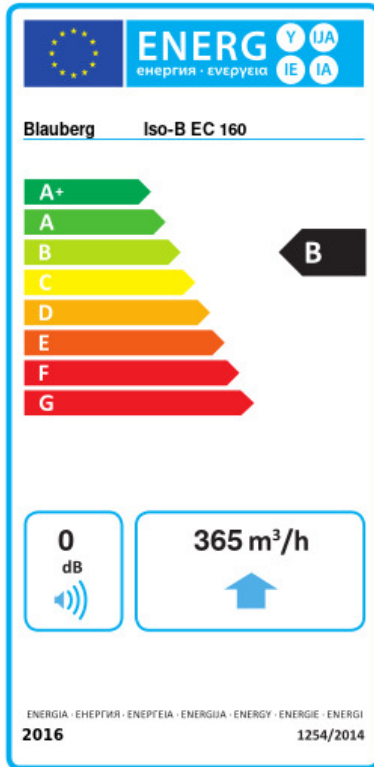
	Unit of measurement	Iso-B EC 160
Connected air duct size	mm	160
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	94.8
Unit current	A	0.77
Maximum airflow	m <sup>3</sup> /h	425
Sound pressure level LpA at 3 m	dB(A)	35
Transported air temperature (max)	°C	60
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP55

### Dimensions

ØD	L	L1	B	B1	H
159	325	405	385	447	220



## Ecodesign



Trademark	Blaubeerg					
Model	Iso-B EC 160					
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold		Average		Warm	
	-53.5	A+	-26.4	B	-10.9	E
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)	365					
Electric power input (W)	94.5					
Reference flow rate (m <sup>3</sup> /s)	0.071					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.143					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	76		76		76	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	

## Accessories

### Other accessories

Name	Photo	Description
<a href="#">CDT E/0-10</a>		Speed control for EC motors