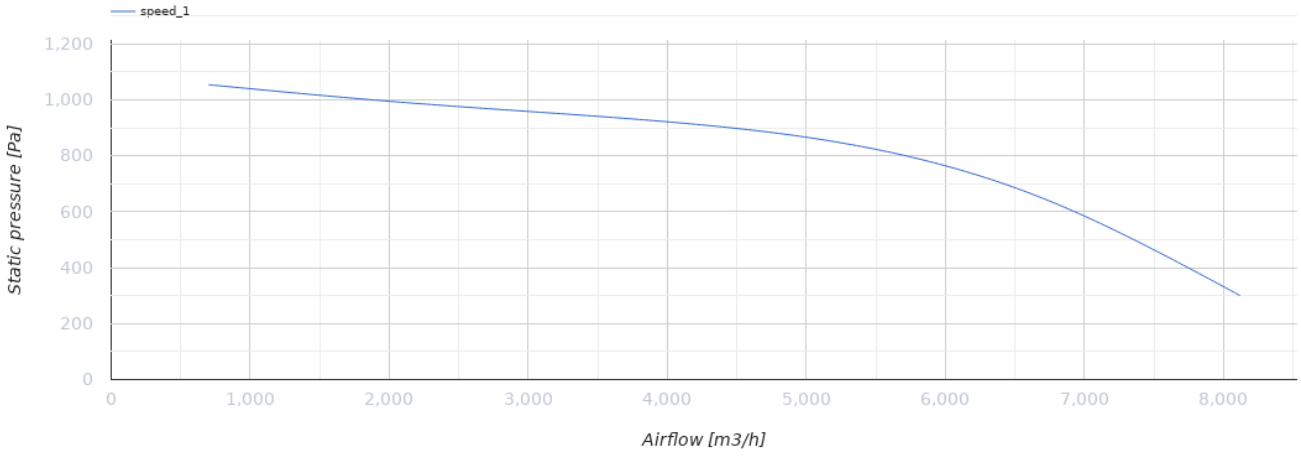


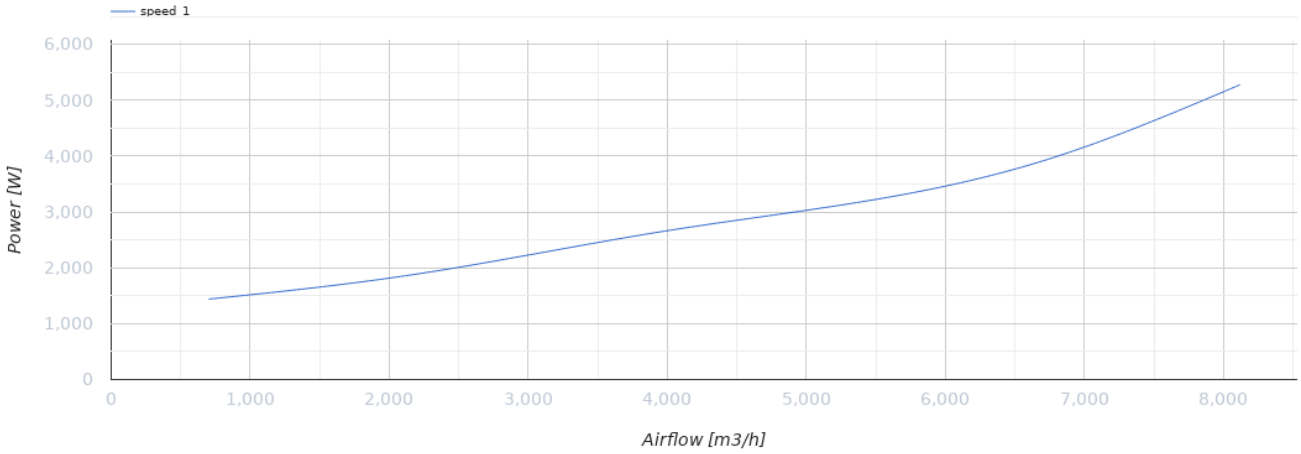
Box-FI 80x50 4D

Centrifugal inline fans with forward curved blades in sound-insulated casings

- Sound-insulated casing
- Impeller type: Centrifugal impeller with forward curved blades
- Casing material: Galvanized steel
- Installation in any position

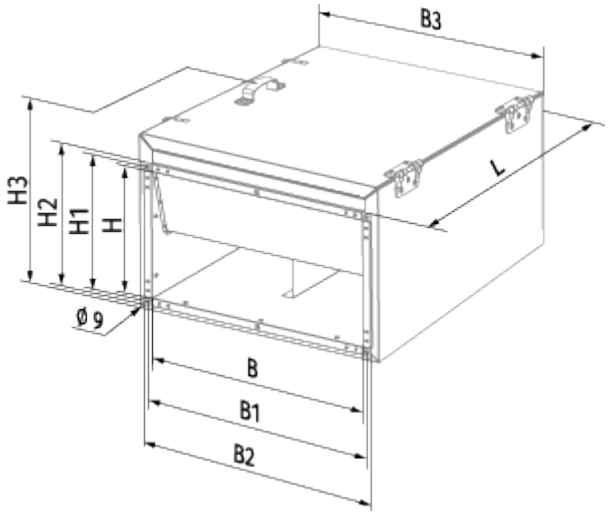
	Unit of measurement	Box-FI 80x50 4D
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50
Maximum airflow	m^3/h	8120
Weight	kg	127
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
Impeller material	-	Galvanized steel





Dimensions

B	B1	B2	B3	H	H1	H2	H3	L
800	820	-	900	500	520	-	720	935

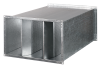


Ecodesign

Trademark	Blauberg
Model	Box-FI 80x50 4D
Type of drive installed	External MSD or VSD
Type of heat recovery system	None
Nominal external pressure (Pa)	881
Maximum external leakage rates (%)	2.7
Static efficiency (%)	42.3
Declared typology	NRVU UVU
Effective electric power input (kW)	2.743
Sound power level (dB(A))	81

Accessories

For rectangular ducts

Name	Photo	Description
SD 80x50		Silencers for rectangular ducts

For rectangular ducts

Name	Photo	Description
KFBK 80x50		Filter boxes with panel filter for rectangular ducts
KFBT 80x50 G4		Filter boxes with pocket filters for rectangular ducts
KFBT 80x50 F5		Filter boxes with pocket filters for rectangular ducts
KFBT 80x50 F7		Filter boxes with pocket filters for rectangular ducts

For rectangular ducts

Name	Photo	Description
VG 80x50		Gravity dampers

For rectangular ducts

Name	Photo	Description
EVA 80x50		Flexible anti-vibration connectors for rectangular ducts

Water heaters

Name	Photo	Description
WKH 80x50-2		Duct water heaters for rectangular ducts
WKH 80x50-3		Duct water heaters for rectangular ducts

Electrical heaters

Name	Photo	Description
EKH 80x50-27		Duct electrical heaters for rectangular ducts
EKH 80x50-36		Duct electrical heaters for rectangular ducts
EKH 80x50-54		Duct electrical heaters for rectangular ducts

Airflow regulators

Name	Photo	Description
SL 80x50		Air dampers for rectangular ducts

Transformer speed controllers

Name	Photo	Description

CDR5E D1.5 M		Three phase speed controller
CDR5E D4.0 M		Three phase speed controller
CDR5E D6.0 M		Three phase speed controller
CDR5E D8.0 M		Three phase speed controller
CDR5E D11.0 M		Three phase speed controller
CDR5E D14.0 M		Three phase speed controller