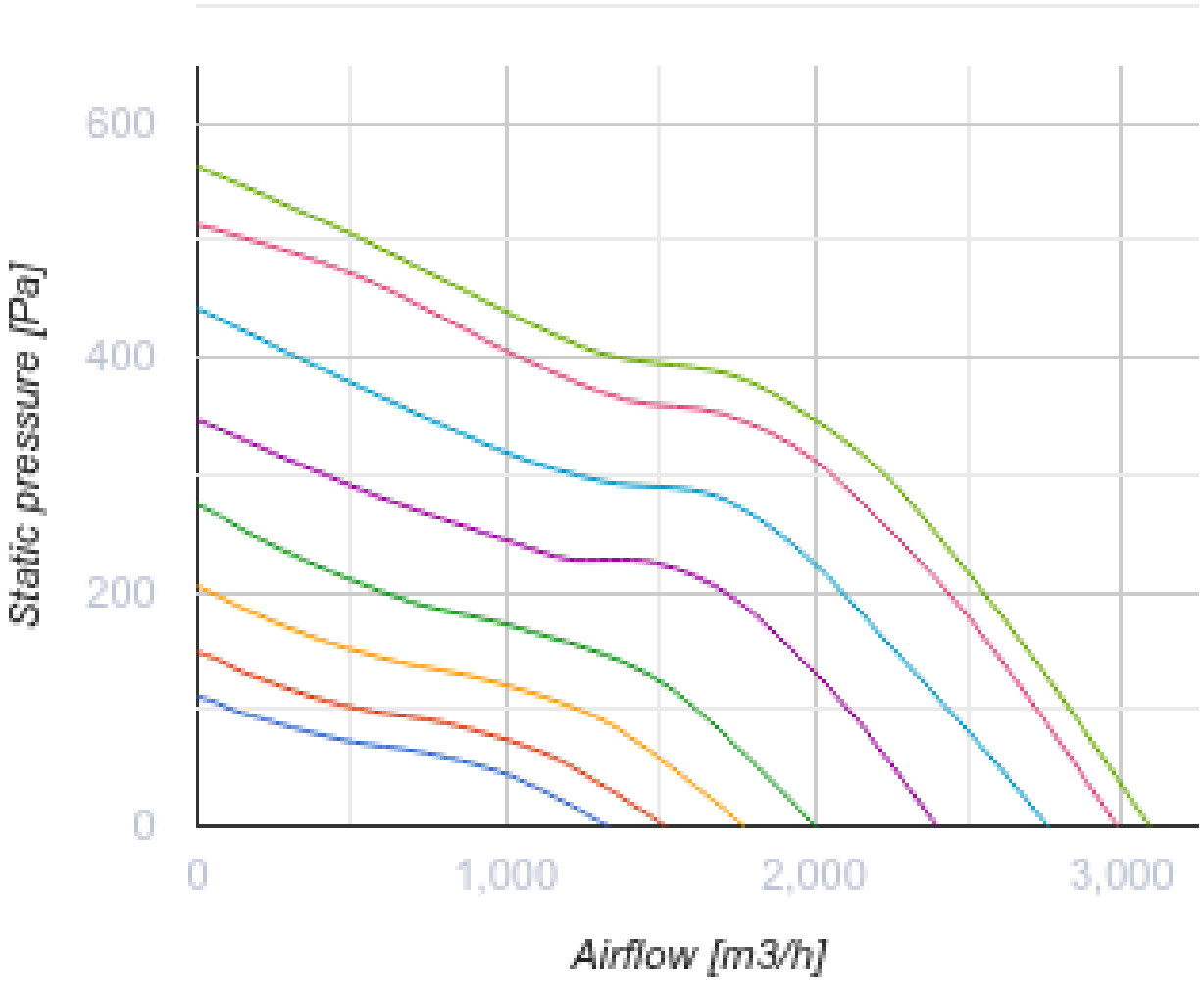
Boost-I 315 EC Un

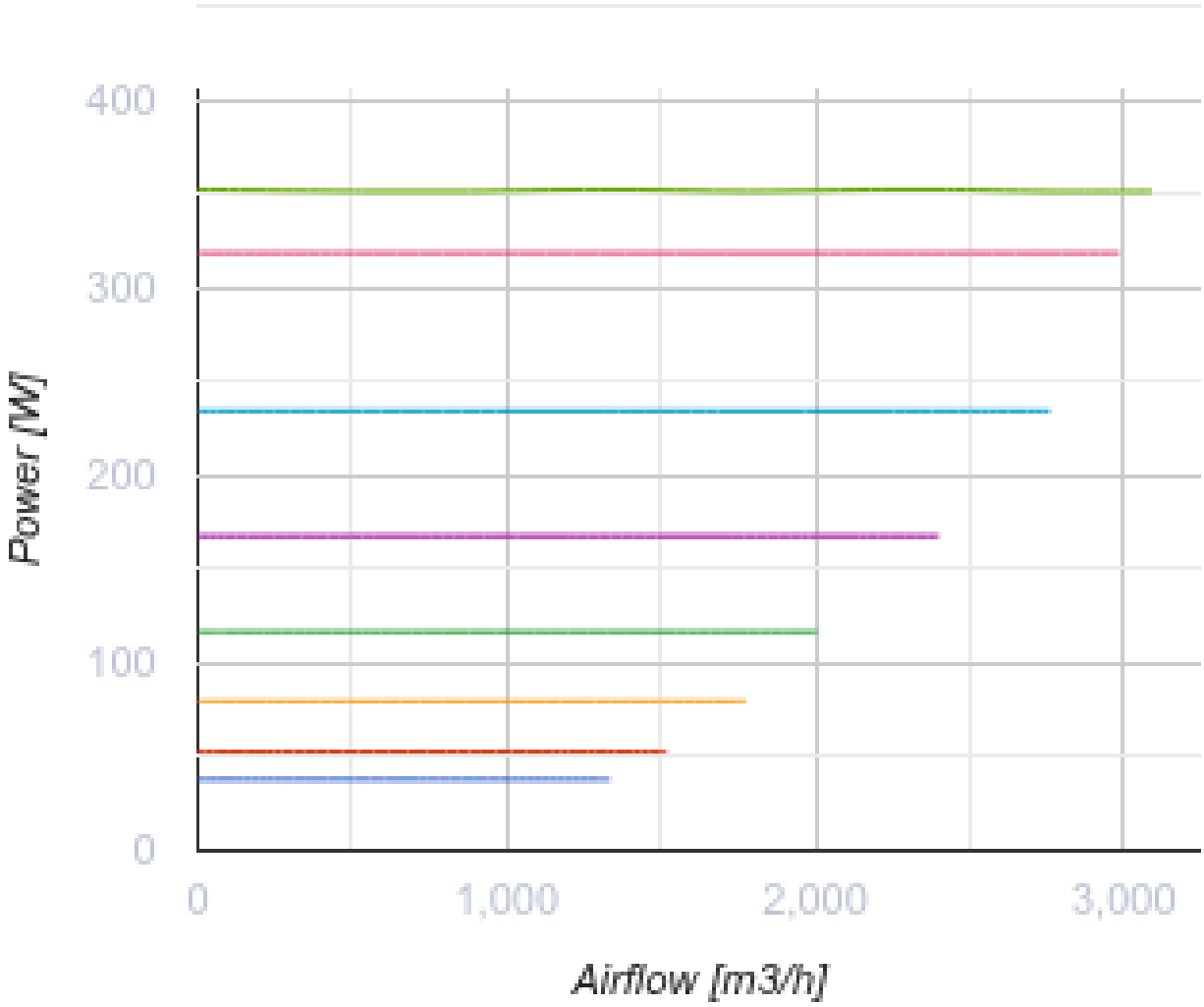


Mixed-flow inline fans in sound-insulated casings with EC-motors

- Sound pressure level LpA at 3 m: 47
- Sound-insulated casing
- Control: Speed controller
- Impeller type: Mixed-flow
- Casing material: Galvanized steel
- Installation in any position
- Temperature sensor: Remote

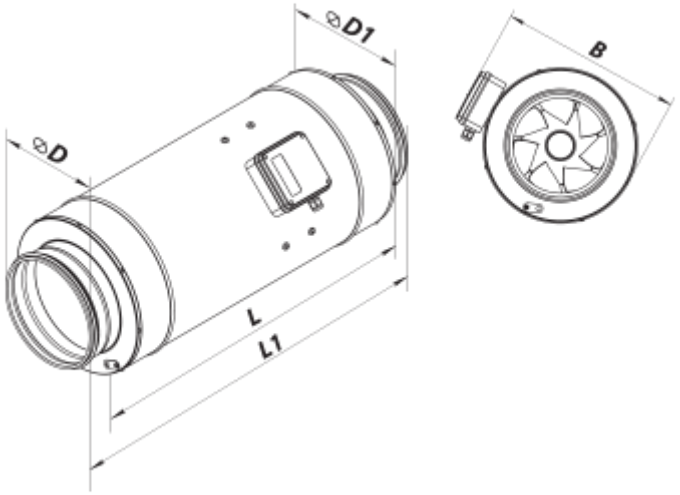
	Unit of measurement	Boost-I 315 EC Un
Connected air duct size	mm	315
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	353
Unit current	A	1.56
Maximum airflow	m³/h	3090
Rotation speed at 50hz	-	2470
Sound pressure level LpA at 3 m	dB(A)	47
Weight	kg	20.7
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-25
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
Impeller material	-	Plastic


600
400
200
0
Static pressure [Pa]
0
1,000
2,000
3,000
Airflow [m3/h]



Dimensions

Ø D	Ø D1	B	L	L1
314	412	468	601	739



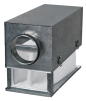
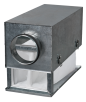
Accessories

For round ducts

Name	Photo	Description
SR 315/600		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 315/900		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 315/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SRF 315/900		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material
SRF 315/2000		Silencers made of aluminium alloy filled with non-combustible sound-absorbing material
SRP 315/500		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 315/600		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 315/750		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 315/900		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film

SRP 315/1200		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 315/1500		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film
SRP 315/2000		Silencers with an internal flexible air duct made of micro-perforated aluminium foil laminated with polyester film

For round ducts

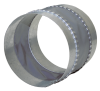
Name	Photo	Description
FB 315		Round panel air filters
FBV 315		Round panel air filters with a large filtration area
FBK 315-4		Round bag air filters
FBK 315-5		Round bag air filters
FBK 315-7		Round bag air filters

For round ducts

Name	Photo	Description
KOM 315		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KOMu 315		Backdraught damper with spring-loaded plates for shutting off air flow in round air ducts
KOM1 315		Backdraught gravity damper for shutting off air flow in round air ducts
KR 315		Air dampers for controlling air flow in round air ducts

KRV 315		Air dampers for automatic air flow control in round ducts

For round ducts

Name	Photo	Description
VVG 315		Flexible anti-vibration inserts for round ducts

Water heaters

Name	Photo	Description
NKV 315-2		Inline water supply air heaters or heater for air handling units with a round cross-section
NKV 315-4		Inline water supply air heaters or heater for air handling units with a round cross-section

Electrical heaters

Name	Photo	Description
NK 315-1,2-1		Round electric inline heaters with round cross-section
NK 315-2,0-1		Round electric inline heaters with round cross-section
NK 315-2,4-1		Round electric inline heaters with round cross-section
NK 315-3,6-3		Round electric inline heaters with round cross-section
NK 315-6,0-3		Round electric inline heaters with round cross-section
NK 315-9,0-3		Round electric inline heaters with round cross-section

Speed controllers

Name	Photo	Description

R-1/010		Speed controller for EC motors

Ecodesign

Trademark	Vents
Model	Boost-I 315 EC Un
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal external pressure (Pa)	0
Maximum external leakage rates (%)	0
Static efficiency (%)	0
Declared typology	NRVU UVU
Effective electric power input (kW)	0
Sound power level (dB(A))	0