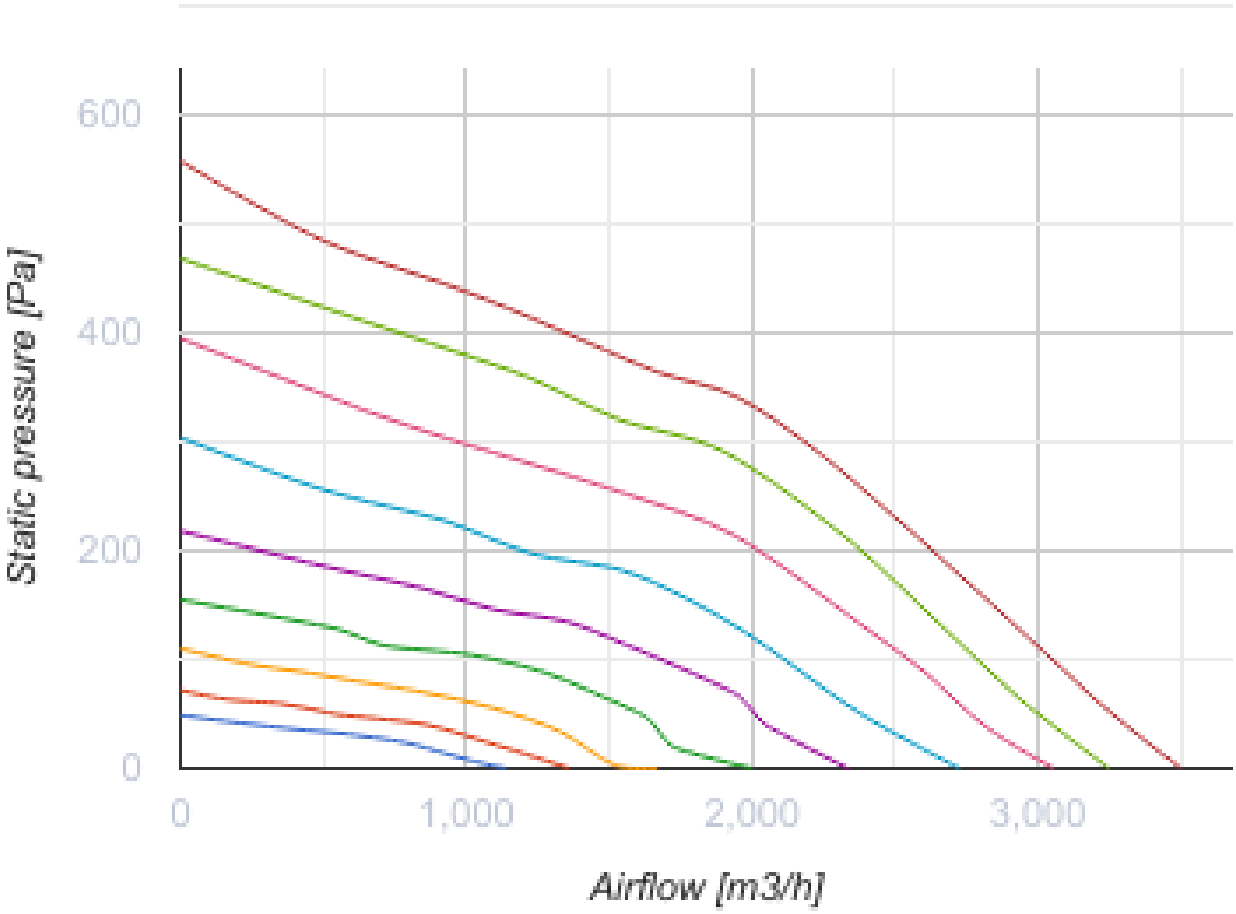
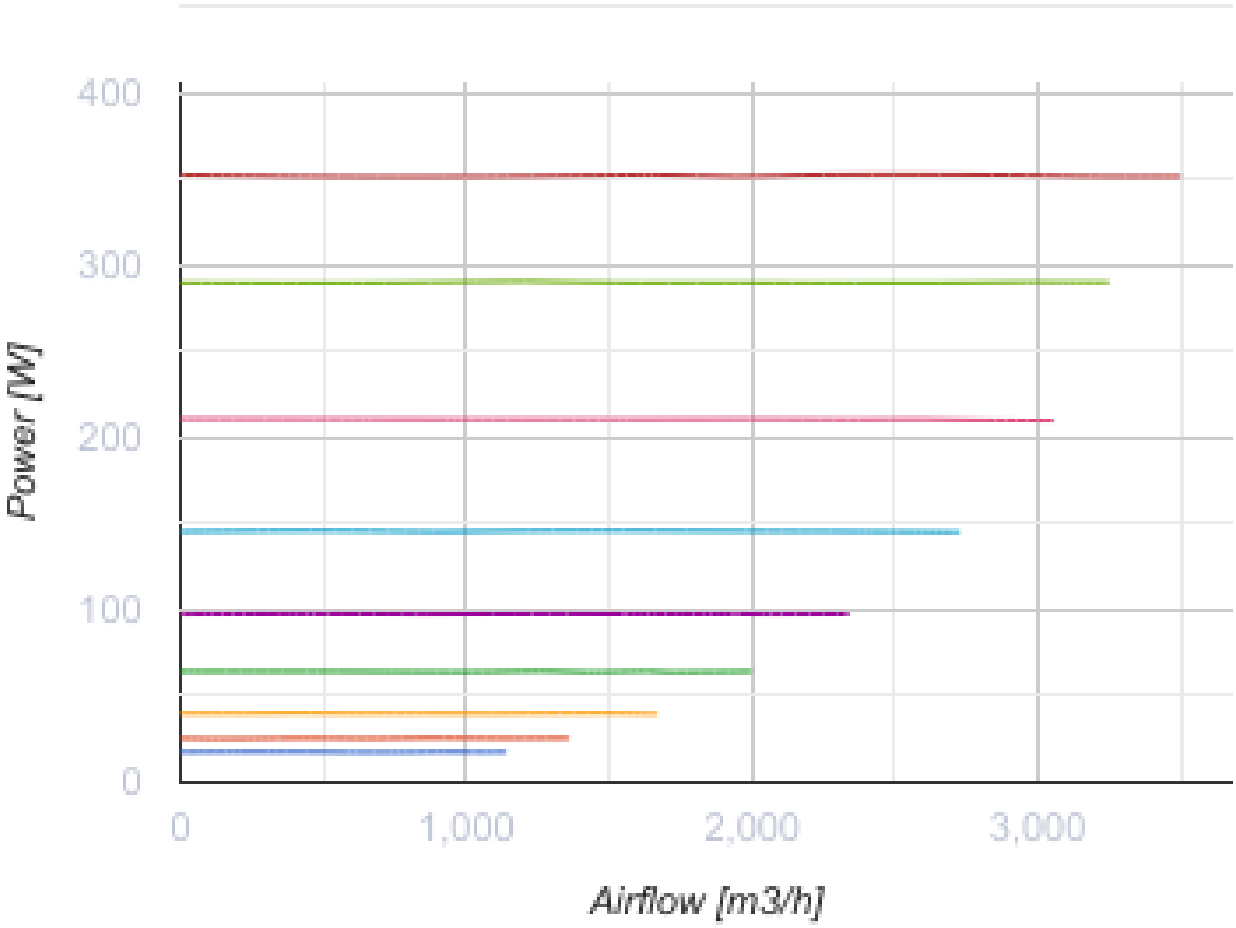
Boost-I 355 EC

Mixed-type duct fans with EC motors in casing with noise and heat insulation

- Maximum airflow: 3500
- Sound pressure level LpA at 3 m: 48
- Sound insulation
- Motor type: EC
- Impeller type: Mixed-flow
- Casing material: Galvanized steel
- Installation in any position

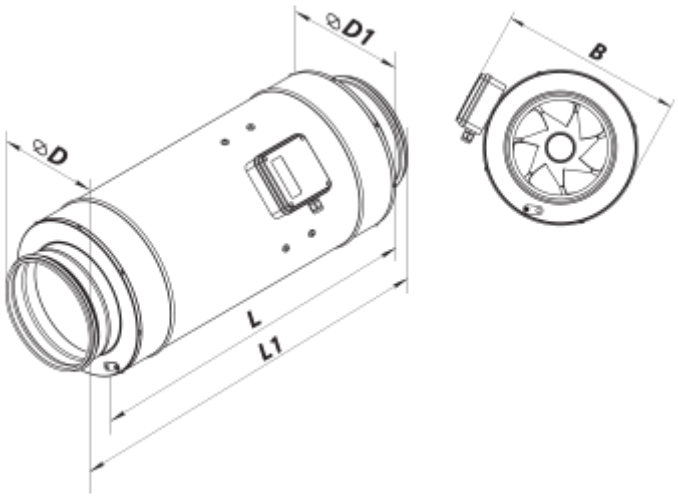
	Unit of measurement	Boost-I 355 EC
Connected air duct size	mm	355
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	353
Unit current	A	1.56
Maximum airflow	m^3/h	3500
rotation speed at 50hz	-	2470
Sound pressure level LpA at 3 m	dB(A)	48
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


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
354	412	471	601	739



Accessories

For round ducts

Name	Photo	Description
SR 355/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 355/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 355/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

For round ducts

Name	Photo	Description
KR 355		Air damper for air flow control in round air ducts

Speed controllers

Name	Photo	Description
R-1/010		Speed controller for EC motors

Ecodesign

Trademark	Vents
Model	Boost-I 355 EC
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal flow rate (m^3/s)	0.733
Nominal external pressure (Pa)	200
Maximum external leakage rates (%)	2.7
Static efficiency (%)	42.8
Effective electric power input (kW)	0.35
Sound power level (dB(A))	68
Declared typology	NRVU UVU