

VZ-SDF Centrifugal Exhaust Box Fan



- All VZ-SDF fans have impellers with backward curved blades manufactured from aluminium.
- Robust and galvanised metal body.
- High-quality exhaust air box (Airbox) Gastro for kitchen exhaust air up to 13,000 m³/h.
- Motors outside the for air stream with efficiency class IE2 or IE3 for all single phase or three phase motors from 0.37 kW.
- Ball bearing motor unit
- For kitchen exhaust air up to 120°C for use in cooker hoods.
- High-performance professional unit for the catering trade.
- Multi-functional use, e.g. for kitchen exhaust air.
- Low sound level.
- Modular system.
- Easy to maintain and reliable.
- Double-walled, noise-reducing housing
- Panels are removable, allowing flexible ventilation solutions the air direction can easily be changed with quick lock access door.
- Speed-controllable via frequency converter or Analog Autotransformer.
- Approved for kitchen exhaust air according to VDI 2052.
- Suitable for outdoor installation and Weather resistant.



Fan Colour

Galvanised Grey

Impeller Material

High Structure Galvanised

Body Material

High Structure Galvanised

Working Temperature

-20 - +120 °C

Standards

EN 60335-2-80

Motor Insulation Class

F Class

Motor Bearing System

Ball Bearing

Motor Efficiency Class

IE2-IE3

Motor Protection

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Motor Type

AC HP Motor

SINGLE PHASE MODELS	VOLTAGE (V)	FREQUENCY (Hz)	POWER (kW)	SPEED (rpm min-1)	FLOW RATE (m ³ /h)	NOISE LEVEL (dB(A))
VZ-280-SDF-M	230	50	0.25	1469	1100	73
VZ-315-SDF-M	230	50	0.37	1471	1600	73
VZ-355-SDF-M	230	50	0.55	1478	2300	75
VZ-400-SDF-M	230	50	0.75	1454	3300	78
VZ-450-SDF-M	230	50	1.10	1462	5000	70
VZ-500-SDF-M	230	50	1.50	1454	7000	83
VZ-560-SDF-M	230	50	3.00	1465	9800	74

Values are for 0 Pa.

THREE PHASE MODELS	VOLTAGE (V)	FREQUENCY (Hz)	POWER (kW)	SPEED (rpm min-1)	FLOW RATE (m ³ /h)	NOISE LEVEL (dB(A))
VZ-280-SDF-T	380	50	0.18	1450	1100	73
VZ-315-SDF-T	380	50	0.25	1469	1600	73
VZ-355-SDF-T	380	50	0.37	1471	2300	75
VZ-400-SDF-T	380	50	0.55	1478	3300	78
VZ-450-SDF-T	380	50	0.75	1454	5000	70
VZ-500-SDF-T	380	50	1.10	1462	7000	83
VZ-560-SDF-T	380	50	1.50	1454	9800	74
VZ-630-SDF-T	380	50	3.00	1465	14000	89
VZ-710-SDF-T	380	50	4.00	950	13000	89

Values are for 0 Pa.

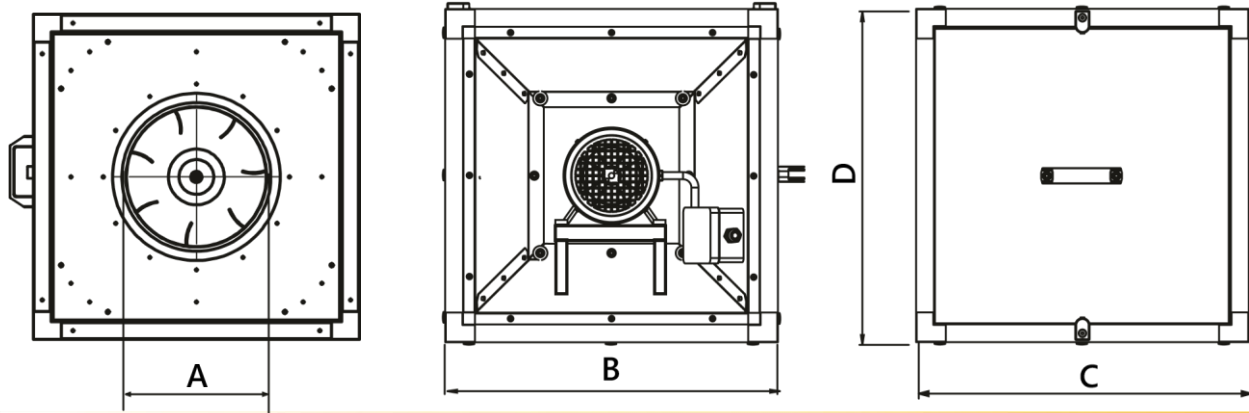
VZ-SDF Centrifugal Exhaust Box Fan

Dimensions

MODEL	A ϕ	B	C	D
VZ-280-SDF	280	450	450	450
VZ-315-SDF	315	500	500	500
VZ-355-SDF	355	500	500	500
VZ-400-SDF	400	600	600	600
VZ-450-SDF	450	700	700	700
VZ-500-SDF	500	800	800	800
VZ-560-SDF	560	900	900	900
VZ-630-SDF	630	1000	1000	1000
VZ-710-SDF	710	1100	1100	1100



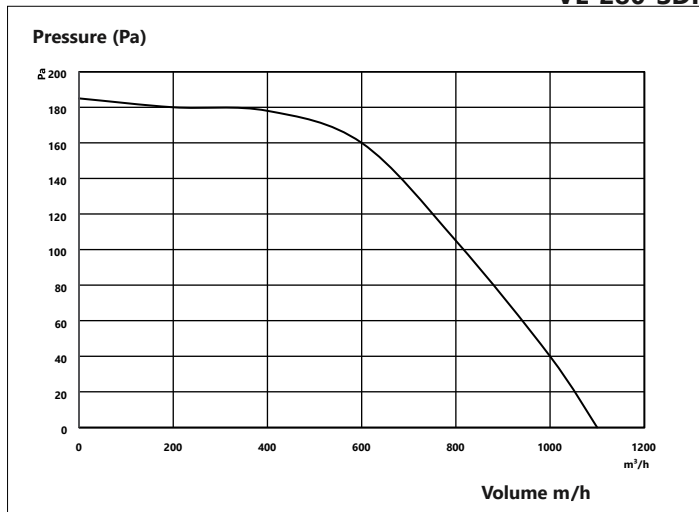
All dimensions are mm.



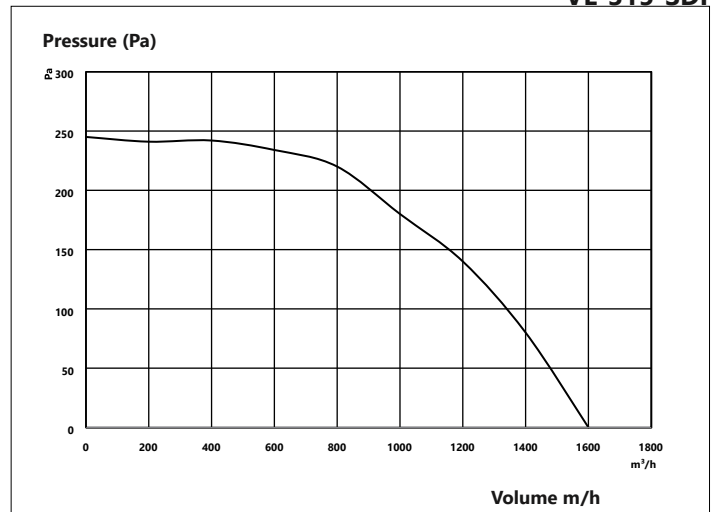
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Diagrams

VE-280-SDF

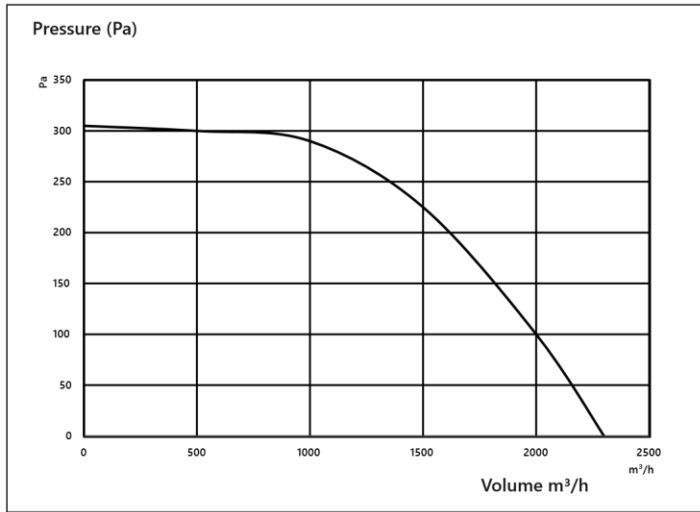


VE-315-SDF

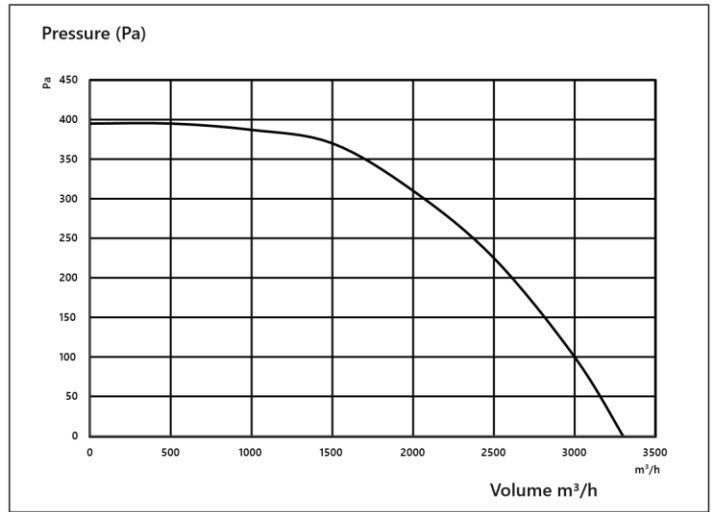




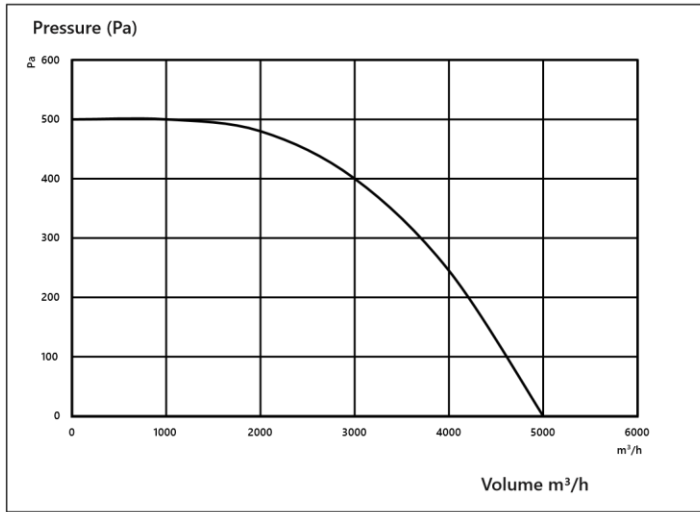
VE-355-SDF



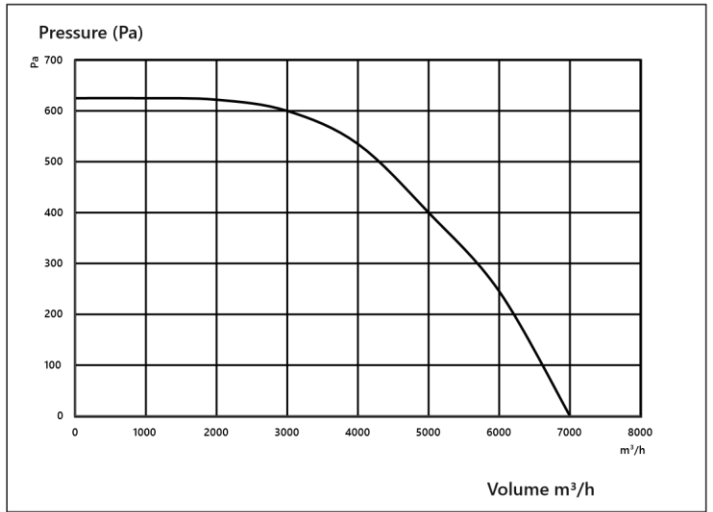
VE-400-SDF



VE-450-SDF



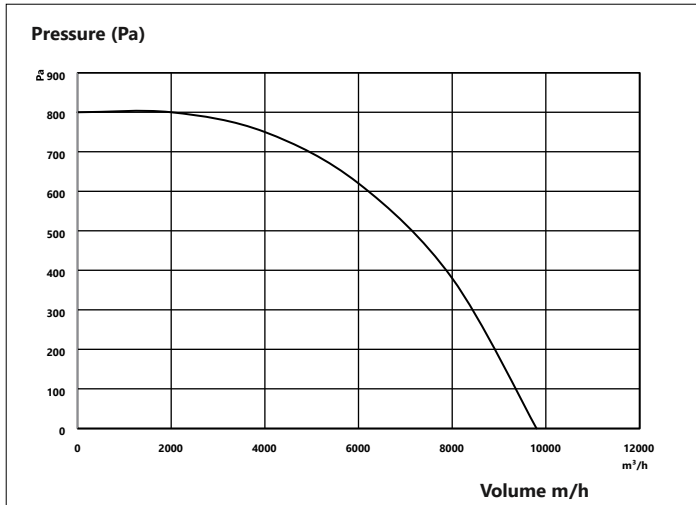
VE-500-SDF



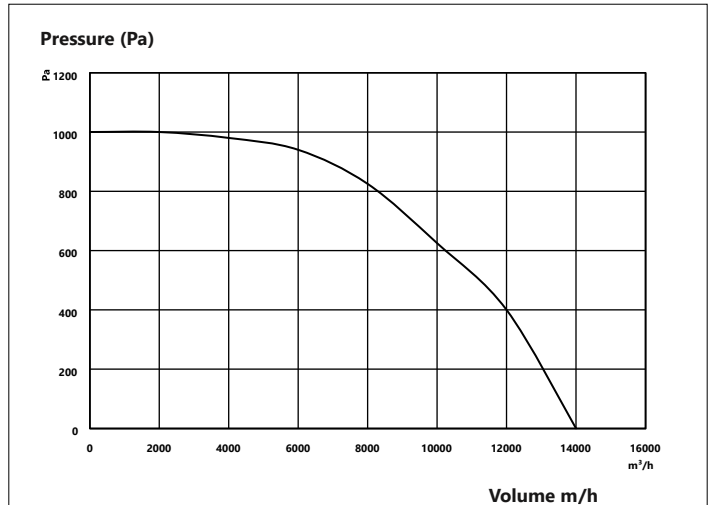
VZ-SDF Centrifugal Exhaust Box Fan

Diagrams

VE-560-SDF



VE-630-SDF





VE-710-SDF

