VentZone

CE

Commercial

VZ-CDF Centrifugal Exhaust Box Fan

- All VZ-CDF 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 60°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.

MODEL	VOLTAGE (V)	FREQUENCY (Hz)	POWER (kW)	SPEED (rpm min-1)	FLOW RATE (m³/h)	NOISE LEVEL (dB(A))
VZ-280-CDF-TF	380	50	0.18	1450	1100	73
VZ-315-CDF-TF	380	50	0.25	1469	1600	73
VZ-355-CDF-TF	380	50	0.37	1471	2300	75
VZ-400-CDF-TF	380	50	0.55	1478	3300	78
VZ-450-CDF-TF	380	50	0.75	1454	5000	70
VZ-500-CDF-TF	380	50	1.10	1462	7000	83
VZ-560-CDF-TF	380	50	1.50	1454	9800	74
VZ-630-CDF-TF	380	50	3.00	1465	14000	89
VZ-710-CDF-TF	380	50	4.00	950	13000	89
Values are for 0 Pa.						

MODEL	VOLTAGE (V)	FREQUENCY (Hz)	POWER (kW)	SPEED (rpm min-1)	FLOW RATE (m³/h)	NOISE LEVEL (dB(A))
VZ-280-CDF-SF	230	50	0.25	1469	1100	73
VZ-315-CDF-SF	230	50	0.37	1471	1600	73
VZ-355-CDF-SF	230	50	0.55	1478	2300	75
VZ-400-CDF-SF	230	50	0.75	1454	3300	78
VZ-450-CDF-SF	230	50	1.10	1462	5000	70
VZ-500-CDF-SF	230	50	1.50	1454	7000	83
VZ-560-CDF-SF	230	50	3.00	1465	9800	74
Values are for 0 Pa.						

Fan Colour	Galvanised Grey	Motor Insulation Class	F Class
Impeller Material	High Structure Galvanised	Motor Bearing System	Ball Bearing
Body Material	High Structure Galvanised	Motor Efficiency Class	IE2-IE3
Working Temperature	-20 - +120 °C	D	-
Standards	EN 60335-2-80	Motor Protection	
		Motor Type	AC HP Motor

Specifications

CommercialKitchenCentrifugalExhaustBoxFan

Commercial

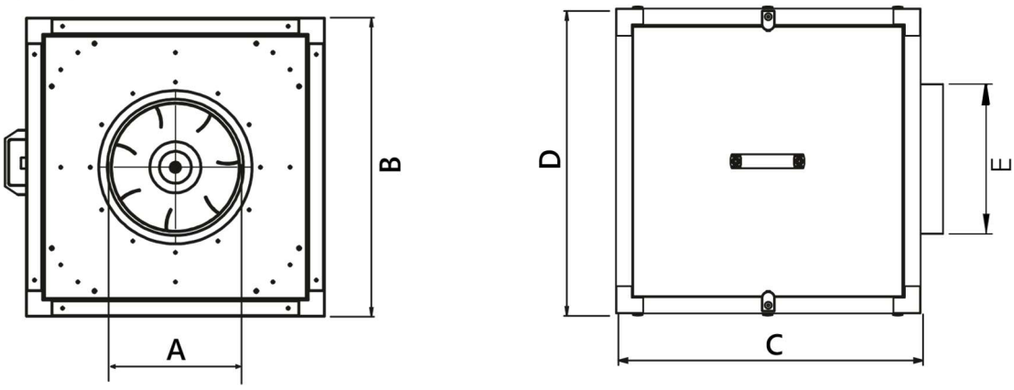
VZ-CDF Centrifugal Exhaust Box Fan

Dimensions

MODEL	∅ A	B	C	D	E
VZ-280-CDF-TF	280	450	450	450	250
VZ-315-CDF-TF	315	500	500	500	300
VZ-355-CDF-TF	355	500	500	500	300
VZ-400-CDF-TF	400	600	600	600	350
VZ-450-CDF-TF	450	700	700	700	400
VZ-500-CDF-TF	500	800	800	800	450
VZ-560-CDF-TF	560	900	900	900	500
VZ-630-CDF-TF	630	1000	1000	1000	600
VZ-710-CDF-TF	710	1100	1100	1100	650

All dimensions are mm.

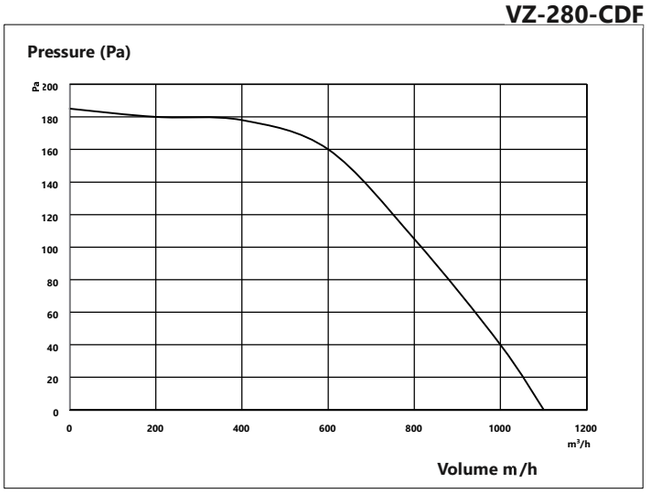
Commercial



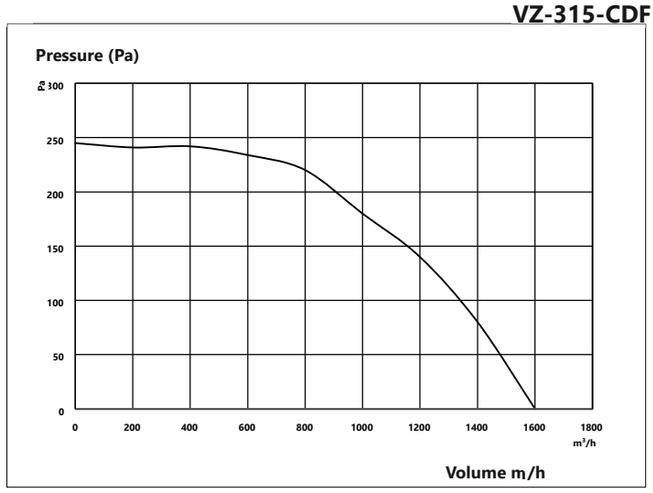
Diagrams

VZ-CDF Centrifugal Exhaust Box Fan

VZ-280-CDF



VZ-315-CDF



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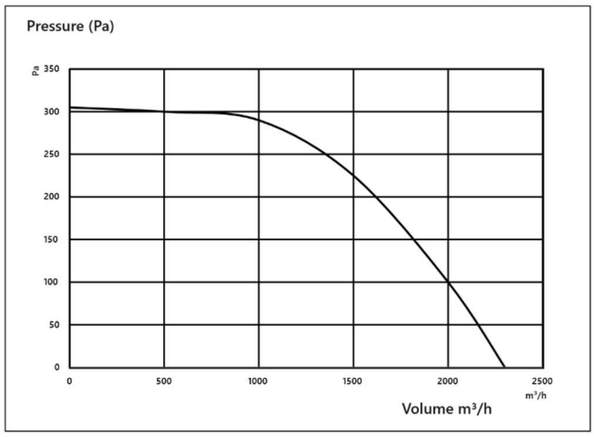
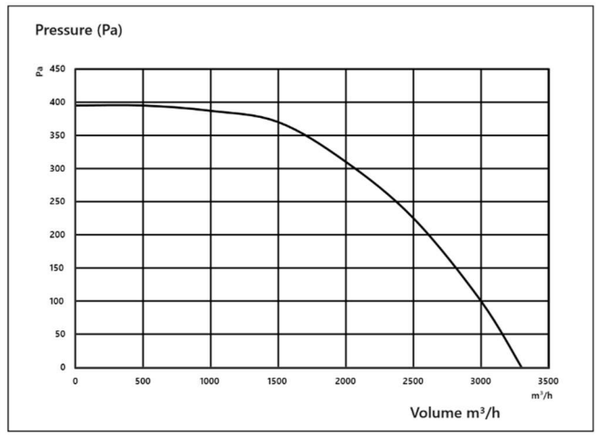
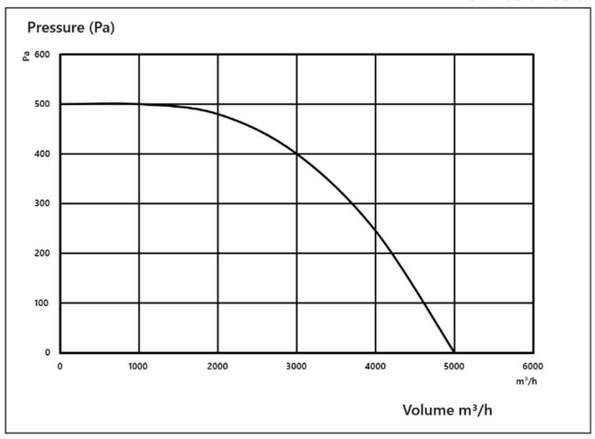
VZ-355-CDF



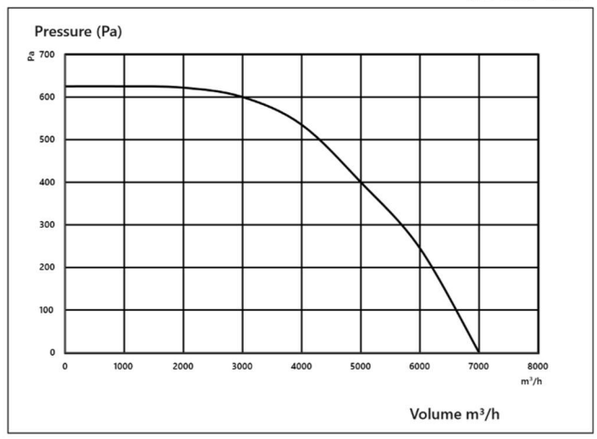
VZ-400-CDF



VZ-450-CDF



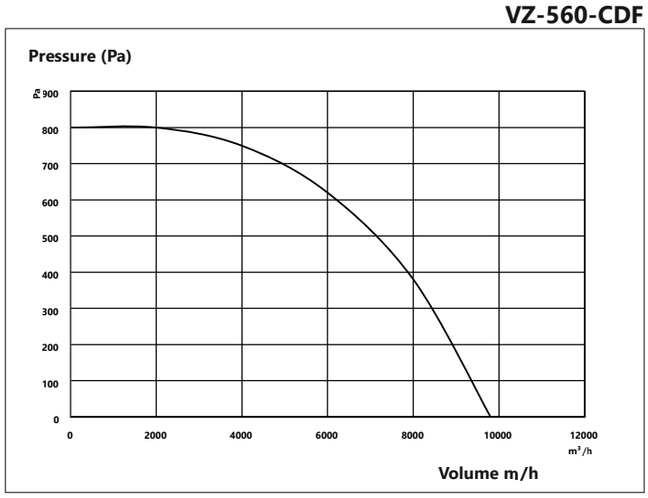
VZ-500-CDF



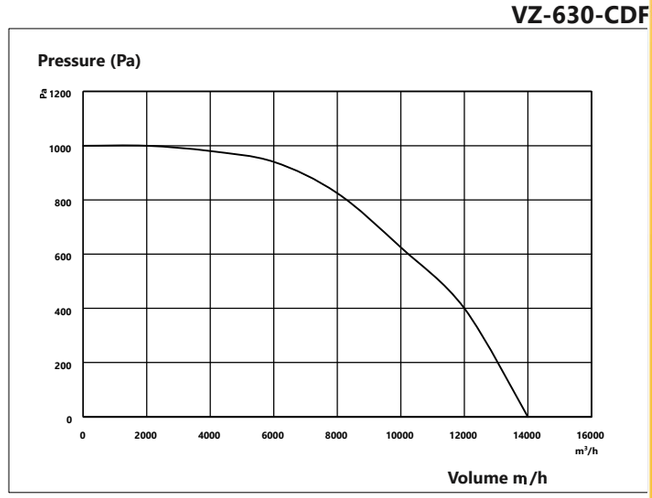
Commercial Kitchen Centrifugal Exhaust Box Fan

VZ-CDF Centrifugal Exhaust Box Fan

VZ-560-CDF



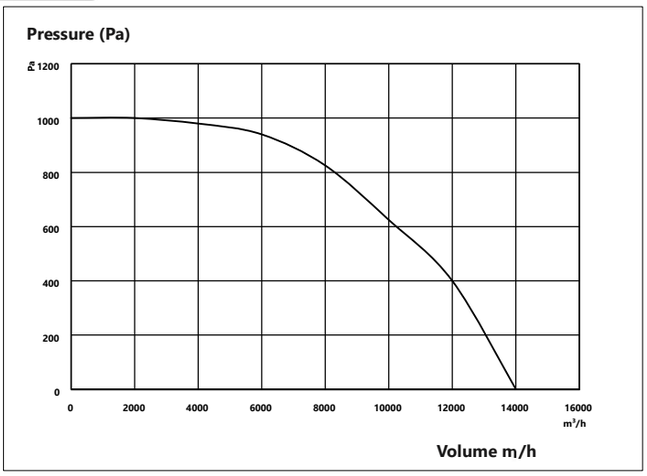
VZ-630-CDF



VZ-710-CDF

CommercialKitchenCentrifugalExhaustBoxFan

Commercial


Pressure (Pa)
Pa
1200
1000
800
600
400
200
0
0
2000
4000
6000
8000
10000
12000
14000
16000
m³/h
Volume m/h