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Client: Istanbul Cafe
Engineer: Hamit Arslan
Project Name: Kitchen Extract Q36189REV1
Quote Number: Q36189REV1
Date: 21/09/2021



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Kitchen Extract Q36189REV1

Client:

Istanbul Cafe

Engineer:

Hamit Arslan

Quote Number:

Q36189REV1

Date:

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Quotation

Reference	Ref.No.	Model	Duty	List Price	Quantity	Total Price
EF1	5529	GBD 710/4 (CENT)	3.50 m³/s @ 800 Pa (Static)	£2255.00	1	£2255.00
	8763	RSD 710/1200		£852.00	2	£1704.00
	5627	SDD-U		£41.00	1	£41.00
	5750	GB-WSD 710/EC630		£121.00	1	£121.00
Total List Price						£4121.00
Delivery Charge (5%)**						£206.00
VAT (20%)						£865.00
Total Project Price						£5192.00

Please Note:

Airflow based on 0.5m3/s per m2 of canopy, assuming 1 canopy 4m x 1m, 1 canopy 3m x 1m. Estimated system pressure 800 Pa, to include duct run, bends, and filter/discarb units. Fan must be mounted for centrifugal discharge, not axial, to achieve required performance. Two 600mm silencers included, 8dB drop per silencer (performance specifications attached separately). Outdoor cover hood included, disregard if internally mounted. Wall mount by others if required.

Prices as per Helios standard terms and conditions

** CARRIAGE IS CHARGED AT 5% OR £15 MINIMUM CHARGE FOR STANDARD NEXT DAY DELIVERY. ANY DELIVERIES THAT REQUIRE DEDICATED TRANSPORT I.E HIAB, CURTAIN SIDE OR TIMED ARE AT AN EXTRA COST

Prices valid for 30 days



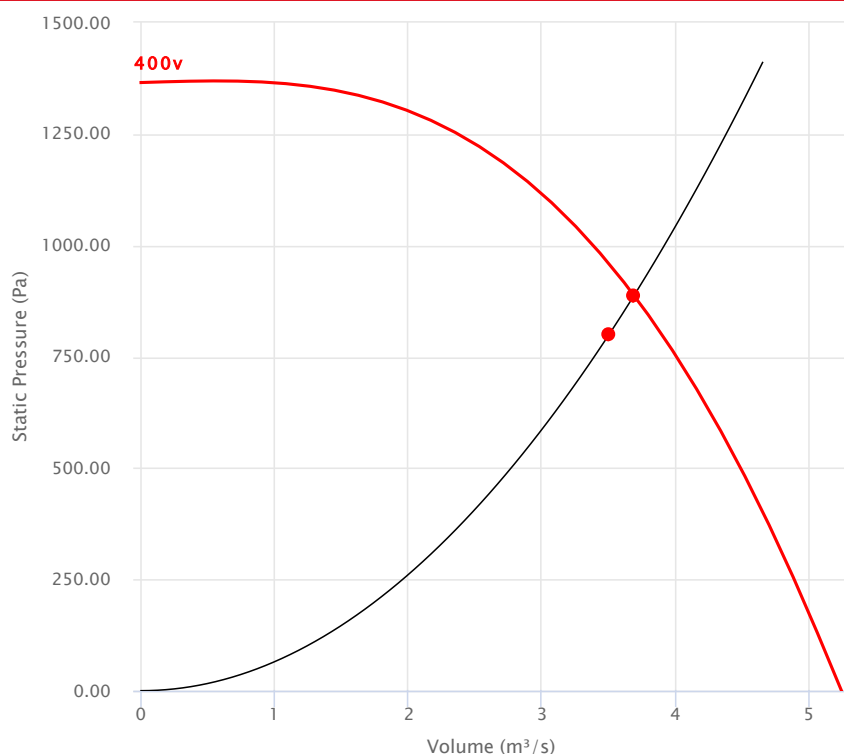
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Item Reference: EF1 Item Quantity: 1

GBD 710/4 (CENT) GigaBox centrifugal box fan



Acoustic ventilation box with intake and extract spigots, with flexible connectors to reduce vibration transmission and variable applicable side panels to suit to structural conditions. Simple positioning by standard crane hooks. self-supporting frame construction made from hollow aluminium profiles. Lined with 20 mm thick double-walled side panels made from galvanised sheet steel, sound and thermally insulated with flame-retardant mineral wool. Free-running backward curved centrifugal impeller from aluminium, direct driven. Energy efficient with low noise development. Dynamically balanced with the motor to DIN ISO 1940 Pt.1 - class 6.3 Totally enclosed, maintenance-free 3-phase external rotor motor, to be operated via delta-star connection for 2 speed steps, Speed controllable by voltage reduction or with Helios frequency inverter and sinus filter on all poles, thermal contact wired to the terminal box. Low-noise, long-lasting greased, sealed for life ball bearings. Mains supply via terminal box which is fitted externally on the motor as standard (IP 54).

Performance Chart



Product

Ref.No.	5529
Model Code	GBD 710/4 (CENT)
Fan Size	710 mm
Maximum airflow temp.	50 °C
Weight	170.0 kg

Performance

Requested Duty	3.50 m³/s @ 800 Pa (Static)
Actual Duty	3.69 m³/s @ 887 Pa (Static)
Fan Nominal Speed	1465 rpm
Specific Fan Power	0.53 W/l/s
Output Power	5.97 kW

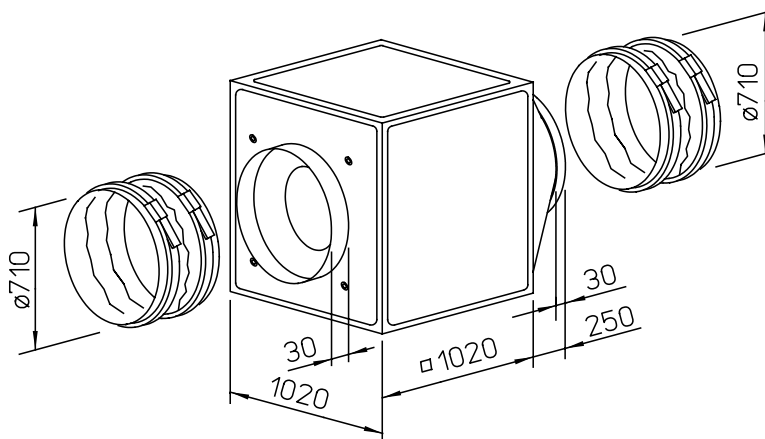
Motor

Rating	5.97 kW
Poles	4
Motor Input Power	2.11 kWh
Electrical Supply	400v/3Ph/50Hz
Full Load Current	10.2 A

Sound

Sound Pressure Level		49 dB(A) at 3m							
Spectrum	Hz	Total	125	250	500	1k	2k	4k	8k
LwA Intake	dB(A)	81	69	72	76	75	73	70	59
LwA Extract	dB(A)	87	70	72	82	83	80	72	62
LwA Breakout	dB(A)	70	66	67	57	55	52	47	40

Dimension and Drawing



*This drawing shows dimensions that should be used as a guide only and are subject to change. Certified drawings are available on request.



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GBD 710/4 (CENT) - Selected Accessories

	Ref.No.	Model	Description
	8763	RSD 710/1200	FLANGED CIRCULAR ATTENUATOR 1200 MM LONG
	5627	SDD-U	Anti-vibration mounts
	5750	GB-WSD 710/EC630	OUTDOOR COVER HOOD FOR GIGABOX ND 710