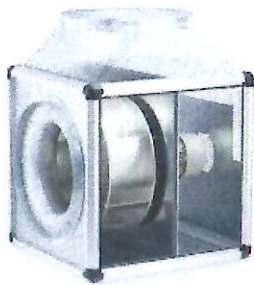
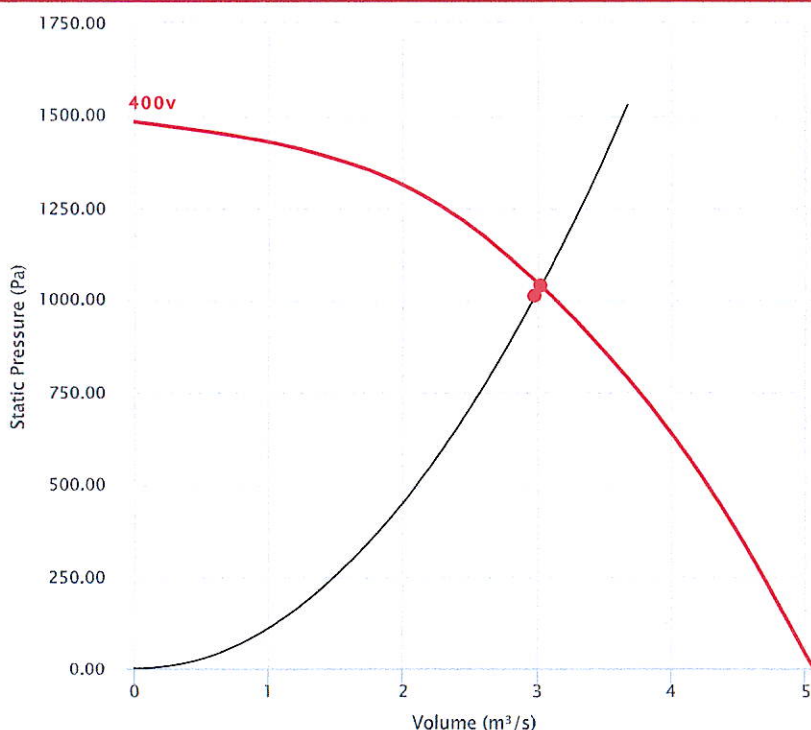


GBD 710/4 T 120 FREE GigaBox temperatures to 120° C



Acoustical exhaust unit with supply and extract low-loss duct adapters including flexible sleeves (suitable for temperatures up to 120°C) to reduce vibration transmission. Variable applicable side panels to suit to structural conditions. Motor located outside of the air flow, therefore applicable for extraction of dirty, hot air up to max. 120°C. Supplied with condensate collector and enclosed condensation discharge as standard. Application area: Commercial kitchens and application in ventilation systems of process technology. Simple positioning by standard crane hooks. Self-supporting case framework from aluminium hollow profiles. Double skinned side panels from galvanised sheet steel with 20 cm thick temperature insulating and flame-retardant fibreglass mats. High efficiency backward centrifugal impeller, manufactured aluminium, mounted on galvanised steel support plates, direct driven. The impeller together with the external rotor motor is dynamically balanced to quality standard G 2.5 to DIN ISO 1940 T.1. Motor with closed, maintenance-free design, located outside the air flow. Control is carried out exclusively by frequency inverter, built-in thermal contacts connected to the terminal block, sealed for life low-noise ball bearings. Mains connection to the terminal box (IP54) integrated in the device.

Performance Chart



Product

Ref.No.	5756
Model Code	GBD 710/4 T 120 FREE
Fan Size	710 mm
Weight	188.0 kg

Performance

Requested Duty	2.98 m³/s @ 1,010 Pa (Static)
Actual Duty	3.02 m³/s @ 1,038 Pa (Static)
Fan Nominal Speed	1465 rpm
Specific Fan Power	1.63 W/l/s
Output Power	5.89 kW

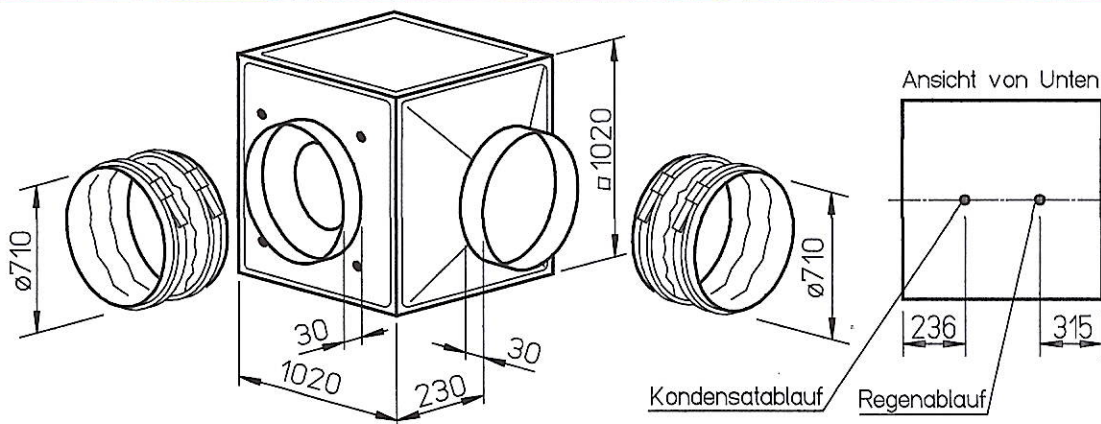
Motor

Rating	5.89 kW
Poles	4
Motor Input Power	5.04 kWh
Electrical Supply	400v/3Ph/50Hz
Full Load Current	10.4 A
Starting Current	41.6 A

Sound

Sound Pressure Level		54 dB(A) at 3m							
Spectrum	Hz	Total	125	250	500	1k	2k	4k	8k
LwA Intake	dB(A)	86	73	76	76	81	81	76	69
LwA Extract	dB(A)	87	77	78	80	81	81	77	70
LwA Breakout	dB(A)	75	70	67	65	68	65	64	61

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.