

From: Phil Brown [REDACTED]
Sent: 06 August 2021 17:53
To: Daniel Vick <Daniel.Vick@arun.gov.uk>
Subject: RE: Planning Consultation: Application No. LU/198/21/DOC - 2 Wick Parade BN17 7JQ

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Daniel,

I can confirm that the details of the plant etc are:

Helios 560 mm GigaBox Centrifugal Fan

<https://www.justfans.co.uk/helios-gigabox-560mm-gbw-5604-centrifugal-p-3232.html>

The Gigabox GBW 560/6/6 comes complete with discharge adaptor and flexible connector. It is three phase (400V), dual speed and speed controllable.

All Helios fans are a very high quality product with a huge reputation for reliability. See the data-sheet links below for fan curves & accessories available.

This is an acoustically lined cubic ventilation box complete with intake and extract spigots and with flexible connectors to reduce vibration transmission. Variable applicable side panels can be arranged to suit almost any installation requirement. Simple positioning by use of standard crane hooks. External use possible with weather protection hood accessory.

Self-supporting frame construction made from hollow aluminum profiles, lined with 20 mm thick, double-walled side panels made from galvanised sheet steel.

Sound and thermally insulated with flame-retardant acoustic wool. The casing panels can be replaced as required with accessories, such as the external weather louvre and condensate collector. Other accessories, wall bracket and outdoor cover hood are available.

Smooth running backward curved centrifugal impeller highly efficient with steel blades on galvanised steel disc, direct driven. Dynamically balanced together with the motor to DIN ISO 1940 Pt.1 - class 6.3

Three phase external rotor motor, maintenance-free. Speed controllable through voltage reduction, with thermal contacts wired in series with the windings which automatically reset. With sealed, low-noise ball bearings with long-term lubrication. Terminal box fitted on the motor (IP 54).

Voltage - 400V - 50 Hz

Motor Power - 510/800 W

Max. duty - 7,800/9,000 m³/h

Motor Speed - 705/885 rpm

Full Load Current - 0.51/0.80 A

Terminal Box IP Rating - 54

Motor IP Rating - 54

Max. temp. - 60 °C.

Sound Pressure Breakout @ 4M - 35db(A)

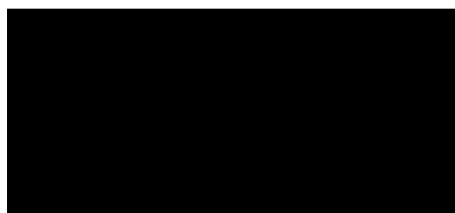
Please let me know if you require any additional information.

Thanks,

Phil.

Phil Brown
Director

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Waverley Design Awards 2019

Commended for East Barn, Whitley Manor Farm - conversion to commercial use

Sussex Heritage Trust Awards 2017

Highly commended for South Downs Bunkhouse barn conversion

Highly commended for new Hotham Park Café building



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