



FRANKHAM

Project Name :

Acland Burghley School - Assembly Building

Project Number :

226549

Date :

01/03/2019

Revision :

A

EQUIPMENT SCHEDULE

FANS - EXTRACT

Reference	EF.01	EF.02				
Location	Food Technology Classroom	Boiler Room				
System	Extract	Extract				
Air Volume Flow Rate (l/s)	650 l/s	18 l/s				
Fan Type	Axial, Bifurcated	Centrifugal				
Fan Size	350mmØ	159mmLx280mmWx394mm D				
Weight (kg)	25	-				
Number of Fans	1	1				
Sound Power Spectrum dB (HZ 125/250/500/1K/2K/4K/8K)	83/92/88/89/84/77/72	-				
Electrical Details						
Electrical Power Input (kW)	0.55	0.2				
Running Current (Amps)	0.35 Amps	0.32 Amps				
Electrical Supply (V,Ø,HZ)	230, 1, 50	230, 1, 50				
Supplier Details						
Manufacturer	Nuaire	Nuaire				
Model Reference	AXB35B-221A	Squrbo S1-100H				
Acoustic Treatment	N/A	N/A				
Controls / Accessories	Ecosmart Speed Controller/Mounting Brackets,Anti-vibration Mounts, Backdraught damper	Speed Controller, Thermoswitch/Mounting Brackets,Anti-vibration Mounts, Backdraft damper				
Notes	1-3					

- Notes:
1. All fans should include a 10% margin on air volume & 15% margin on pressure for commissioning and leakage purposes. "Design Volumes" and "Boost Volumes" shown is the net system volume requirements.
2. The contractor shall ensure that the Specific Fan Power (SFP) of all fans comply with the Non-Domestic Building Services Compliance Guide and the current building regulations Part L2 requirements.
3. The contractor shall verify to ensure that the noise rating from the fans comply with the design requirements prior to ordering.