



FRANKHAM

Project Name : Acland Burghley School - Assembly Building

Project Number : 226549
Date : 01/03/2019
Revision : A

EQUIPMENT SCHEDULE

FANS - SUPPLY

Reference	SF.01					
Location	Food Technology Classroom					
System	Supply					
Air Volume Flow Rate (l/s)	650 l/s					
Fan Type	Axial, Bifurcated					
Fan Size (mmØ)	350					
Weight (kg)	25					
Number of Fans	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					
Running Current (Amps)	0.35 Amps					
Electrical Supply (V,Ø,HZ)	230, 1, 50					
Supplier Details						
Manufacturer	Nuaire					
Model Reference	AXB35B-221A					
Acoustic Treatment	N/A					
Controls / Accessories	Ecosmart Speed Controller/Mounting Brackets,Anti-vibration Mounts, Backdraught 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
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.