

Project: St Stephens

EQUIPMENT SCHEDULE

FANS - EXTRACT

Reference	EF.1	EF.2	EF.3			
Location	twin fan for toilet gents and toilet ladies	extract fan for the kitchen hood located in the boiler room	extract fan for the disabled toilet in the ground floor			
System	toilet extract	kitchen extract	disabled toilet extract			
Air Volume Flow Rate (l/s)	348 l/s	373 l/s	26 l/s			
Fan Efficiency (%)	TBC	TBC	TBC			
Static Pressure (Pa)	80 Pa	200 Pa	30 Pa			
Fan Type	acoustic twin fan (ATQ)	TBC	Eclipse 100XP			
Fan Speed (rpm)	1,700 rpm	TBC				
Weight (kg)	35 kg	TBC				
Number of Fans	1	1	1			
Unit Size (mm l x mm w x mm h)	1610xw770xh362	TBC	dia 99			
Sound Power Spectrum dB (HZ 63 to 8K) inlet	57/67/54/50/40/46/44/41	TBC	34 dB(A)			
Electrical Details						
Electrical Power Input (kW)	0.18 kW	TBC	0.02 kW			
Running Current (Amps)	0.77 Amps	TBC	TBC			
Starting Current (Amps)	0.92 Amps	TBC	TBC			
Electrical Supply (V,Ø,HZ)	230/1ph/50	TBC	TBC			
Type of Starter						
Supplier Details						
Manufacturer	Vent-Axia	TBC	Vent-Axia			
Model Reference	ATQ200-12C	TBC	427281			
Acoustic Treatment	ref to sound attenuators schedule	TBC	n/a			
Controls / Accessories			pull cord			
Notes	under the ceiling in the ladies toilets	details TBC once specialist confirms requirements	air exhausted through the duct design by the Architect			

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26 MAR 2007

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EQUIPMENT SCHEDULE

FANS - SUPPLY

Reference	SF.1	SF.2	SF.3			
Location	in the gents toilette	under the landing of the stairs	in the aisle high level under the roof			
System	supply to tuition, principle and head rooms	make up air for kitchen	heating in the aisle			
Air Volume Flow Rate (l/s)	50 l/s	317 l/s	100/200 l/s			
Fan Efficiency (%)						
Static Pressure (Pa)	50 Pa	155 Pa	30/10 Pa			
Fan Type	Access Pac	Acoustic in-line	Sickle BSP			
Fan Speed (rpm)	2560, step 3	1,900 rpm	1,450 rpm			
Weight (kg)	10 kg	35 kg	6 kg			
Number of Fans	1	1	6			
Unit Size (mm l x mm w x mm h)	l480xw350xh175	l446xw537xh458	315 sq			
Sound Power Spectrum dB (HZ 63 to 8K)	63/63/55/54/47/46/39/34	59/68/65/66/67/63/64/62	65/60/61/59/53/55/50/41/			
Electrical Details						
Electrical Power Input (kW)	0.08 kW	0.36 kW	0.04 kW			
Running Current (Amps)	0.32 Amps	1.58 Amps	0.21 Amps			
Starting Current (Amps)	1.00 Amps	3.30 Amps	0.84 Amps			
Electrical Supply (V,Ø,HZ)	230,1ph,50	230, 1ph,50	230,1ph,50			
Type of Starter						
Supplier Details						
Manufacturer	Vent-Axia	Vent-Axia	Vent-Axia			
Model Reference	PAC125-12	ACQ 315-12LC	BSP250-14			
Acoustic Treatment	ref to sound attenuators schedule	ref to sound attenuators schedule				
Controls / Accessories	remote speed control	remote speed control	auto transformer			
Notes			free mounted, blowing downwards			

Date: 18 12 2006

Revision 0

Project No.:	3535
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EQUIPMENT SCHEDULE

VOLUME CONTROL DAMPERS

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Notes:

1. The contractor **must** confirm the size of all linear grilles from on site dims prior to ordering