



PROJECT	Nike - Manchester
PROJECT NUMBER	70097489
ISSUE	Stage 4
CHECKED	RS
DATE	01/03/2023
REVISION	T02
SCHEDULE REFERENCE	NRM-WSP-XX-XX-SH-M-500104
	FANS SCHEDULE
COMMENTS	

Filename

CONTENTS OF SPREADSHEET

Sheet 1	COVER
Sheet 2	FANS SCHEDULE

AUTHORISATION OF LATEST VERSION

Type and method of check		
Signatures & dates:	By	R.STEVENS
	Checked	R.STEVENS
	Signed	

REVISIONS					Current Revision	T02
Rev.	Date	By	Checked	Signed	Description	
T01	16/12/22	R.STEVENS	D.BOTTRILL		Stage 3	
T02	01/03/23	R.STEVENS	D.BOTTRILL		Stage 4	

Mechanical Schedules

Schedule title	Fans Schedule	Issue	Stage 4
Schedule ref	NRM-WSP-XX-XX-SH-M-500104	Revision	T02
Project title	Nike - Manchester	Date	01/03/2023
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Specification references		Checked	RS

Fan reference		TEF/00/01			
Number of	No	1 Duty			
Location		Level 01 Toilets / Cleaners store			
System		Toilet Ventilation			
Model		*			

Construction/material					
Fan type		Twin Fan			
Fire rating		n/a			
Max temperature	°C	60			
Casing material		Aluzinc			
Impeller material		*			

Performance					
Air flow rate	l/s	77			
System resistance	Pa	200			

Motor					
Motor Input @ Duty	kW	*			
Motor rating	kW	*			
Full load current	amps	*			
Starting current	amps	*			
No of speeds		Variable			
Speed control		BMS			

Electrical					
Supply	Voltage	volts	230		
	Phase	ph	1		
	Hz	Hz	50		

Specific fan power					
Specific fan power	W/(l/s)	0.4			

Other					
AV mounts		Yes			
Flexible connections		Yes			
Drive guard		*			
Drain plug		*			

Acoustics										
Fan ref	EF-01	Hz	63	125	250	500	1k	2k	4k	8k
Induct Inlet SWL (dBA)			*	*	*	*	*	*	*	*
Induct Outlet SWL (dBA)			*	*	*	*	*	*	*	*

- Notes
- 1 This schedule shall be read in-conjunction with the specification and drawings.
 - 2 Where the final layout, based on the installation drawings, and equipment selections associated with the system varies from the tender documents the installer shall responsible for calculating the final fan resistances.
 - 3 The installer shall ensure the attenuator insertion losses are suitable for the final fan selection to achieve the required noise levels.
 - 4 All fans shall be tested to the relevant standards and test certificates provided.
 - 5 Fan connections shall be isolated by flexible connections (line size) as and where indicated.
 - 6 Suitable test points shall be provided for air flow measurement.
 - 7 All fans shall be adequately supported independently of ductwork.
 - 8 All fans rated above 1100 W shall be equipped with variable speed drives except smoke exhaust fans.
 - 9 All fans and systems shall comply with the requirements of the Building Regulations
 - 10 Extract Fan to be linked to BMS, Fan to operate continually to provide background ventilation. The fan shall be put into a boost mode once on detection of lighting control within the room (PIR) located within WC's / Cleaners store. TBC by Nike BMS controls specialist
 - 11 Twin fan to include auto changeover , and BMS fault indicator
 - 12 (*) to be confirmed by manufacture