


Project Title	Shorts Garden		
Project Number	1014196		
System Title	NOx Filters	Page no.	1 of 1

Revision History		
Revision	Date	Stage/ Purpose of issue
-	14/05/2021	Tender Addendum

	
System Number	1014196-SCH-M-015

Preferred equipment manufacturers							
https://www.zehnder.co.uk/							
Type	Carbon (cartridge)						

General	Reference		NOx-001	NOx-002	NOx-003	NOx-004	NOx-005						
	Number required	#	1	1	1	1	1						
	System		FM Office	1F Apartment	2F Apartment	3F Apartment	Duplex Apartment						
	Location		As drawn	As drawn	As drawn	As drawn	As drawn						
	Type	(Note 4)	NOx Filter	Nox Filter	Nox Filter	Nox Filter	Nox Filter						
Sourcing	Manufacturer	(Note 3)	Zehnder	Zehnder	Zehnder	Zehnder	Zehnder						
	Range		NOx40	NOx60	NOx60	NOx60	NOx80						
Design Basis to BS EN 779-2012	Function	(Note 5)	Primary	Secondary	Secondary	Secondary	Secondary						
	Classification	(Note 6)	-	-	-	-	-						
Air Flow	Volume	m ³ /s	0.02	0.037	0.037	0.037	0.051						
	Max face velocity	m/s	1.5	1.5	1.5	1.5	1.5						
	Air temperature	°C											
	Relative humidity	%											
	Initial pressure drop	Pa											
	Final pressure drop	Pa											
Duct Dimension	Height (dia)	mm											
	Width	mm											
Filter Dimension (nominal face)	Width	mm	375	375	375	375	550						
	Height	mm	145	195	195	195	195						
	Length	mm	725	725	725	725	725						
Materials	Frame	(Note 7)											
	Media	(Note 7)											
	Holding casing												
Accessories	Manufacturer casing	Y/N											
	Manometer	Y/N											
	PD monitoring point	Y/N											
Comments	Safe change required	Y/N											

Notes:													
1) Contractor to verify final manufacturer's dimensions, interfaces and access requirements against site constraints for installation and co-ordination of maintenance access before placing any order. Contractor to also consider Part L requirements when selecting filters.													
2) Read and apply this schedule with all relevant project documentation													
3) System designs are based on the listed manufacturer. If alternatives are proposed the contractor is to re-select, making allowance for the re-design of associated plant and equipment, including calculation of SFPs and the like.													
4) Filter type: P - Panel, B - Bag, AC - Activated carbon, E - Electrostatic, HEPA - High efficiency particulate arrester, ULPA - ultra low penetration particulate arrester, UVGI - Ultraviolet germicidal irradiation filter.													
5) Function: P - Primary, S - Secondary, SP - Special (see comments).													
6) Classification: Coarse - G1 to G4, Medium - M5 to M6, Fine - F7 to F9, High efficiency - H10 to H14.													
7) Material to be manufacturer's standard to suit conditions, unless specifically stated otherwise.													
8) Edge and frame seals must be in accordance with specification clause 90-45-10 and suitable to prevent bypass of the filter for the intended application.													

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