

ATTENUATORS

ASSET REFERENCE:		S1	S2	S3	S4	S5	S6	S7	S8	
DESIGN INFORMATION	System	Atmospheric Supply	Atmospheric Extract	System Supply	System Extract	Atmospheric Supply	Atmospheric Extract	System Supply	System Extract	
	No off	1	1	1	1	1	1	1	1	
	Air Flow (m3/s)	10.17 m3/s	9.15 m3/s	10.17 m3/s	9.15 m3/s	10.17 m3/s	9.15 m3/s	10.17 m3/s	9.15 m3/s	
	Pressure Drop (Pa)	23 Pa	19 Pa	29 Pa	23 Pa	23 Pa	19 Pa	29 Pa	23 Pa	
	Insertion Losses (dB)		Fan SWL	I Loss	Fan SWL	I Loss	Fan SWL	I Loss	Fan SWL	I Loss
		63 Hz	81 dB		81 dB		81 dB		81 dB	
		125 Hz	90 dB		90 dB		90 dB		90 dB	
		250 Hz	91 dB		91 dB		91 dB		91 dB	
		500 Hz	93 dB		93 dB		93 dB		93 dB	
		1 Hz	91 dB		91 dB		91 dB		91 dB	
		2 Hz	88 dB		88 dB		88 dB		88 dB	
		4 Hz	78 dB		78 dB		78 dB		78 dB	
	8 Hz	77 dB		77 dB		77 dB		77 dB		
	Fan / AHU Ref.	AHU 3.2				AHU 3.1				
	Construction	Galvanised	Galvanised	Galvanised	Galvanised	Galvanised	Galvanised	Galvanised	Galvanised	
	Height (mm)	1,500 mm	1,500 mm	1,400 mm	1,400 mm	1,500 mm	1,500 mm	1,400 mm	1,400 mm	
	Width (mm)	2,000 mm	2,000 mm	2,000 mm	2,000 mm	2,000 mm	2,000 mm	2,000 mm	2,000 mm	
Length (mm)	900 mm	900 mm	1,200 mm	1,200 mm	900 mm	900 mm	1,200 mm	1,200 mm		
Face Velocity	3.4 m/s	3.1 m/s	3.6 m/s	3.3 m/s	3.4 m/s	3.1 m/s	3.6 m/s	3.3 m/s		
Comments										
INSTALLATION DATA	Manufacturers Name	IAC	IAC	IAC	IAC	IAC	IAC	IAC	IAC	
	Model	3SM	3SM	4SM	4SM	3SM	3SM	4SM	4SM	
	Type									
	Installation Date	2014	2014	2014	2014	2014	2014	2014	2014	
	Life Expectancy (yrs)	40 Years	40 Years	40 Years	40 Years	40 Years	40 Years	40 Years	40 Years	
	Initial Value (£)									
LOCATION	Building Name	Example Name	Example Name	Example Name	Example Name	Example Name	Example Name	Example Name	Example Name	
	Building Reference	Website Demo	Website Demo	Website Demo	Website Demo	Website Demo	Website Demo	Website Demo	Website Demo	
	Floor	1st	1st	1st	1st	1st	1st	1st	1st	
	Grid Ref x-y coord									
	Room Name	Plantroom	Plantroom	Plantroom	Plantroom	Plantroom	Plantroom	Plantroom	Plantroom	

ASSET REFERENCE:	S9	S10	S11a	S11b	S12	S13	S14	S15	S16
System	Atmospheric Supply	Atmospheric Extract	System Supply	System Supply	System Extract	Atmospheric Supply	Atmospheric Extract	System Supply	System
No off	1	1	1	1	1	1	1	1	1
Air Flow (m3/s)	5.2 m3/s	4.68 m3/s	2.6 m3/s	2.6 m3/s	4.68 m3/s	7.13 m3/s	6.42 m3/s	7.13 m3/s	6.42
Pressure Drop (Pa)	21 Pa	17 Pa	17 Pa	17 Pa	14 Pa	23 Pa	18 Pa	35 Pa	29
	Fan SWL	I Loss	Fan SWL	I Loss	Fan SWL	I Loss	Fan SWL	I Loss	Fan SWL
63 Hz	79 dB		79 dB		79 dB		79 dB		79 dB
125 Hz	81 dB		81 dB		81 dB		81 dB		81 dB
250 Hz	90 dB		90 dB		90 dB		90 dB		90 dB
500 Hz	92 dB		92 dB		92 dB		92 dB		92 dB
1 Hz	90 dB		90 dB		90 dB		90 dB		90 dB
2 Hz	89 dB		89 dB		89 dB		89 dB		89 dB
4 Hz	88 dB		88 dB		88 dB		88 dB		88 dB
8 Hz	78 dB		78 dB		78 dB		78 dB		78 dB
Fan / AHU Ref.	AHU 2					AHU 1			
Construction	Galvanised	Galvanised	Stainless Steel	Stainless Steel	Stainless Steel	Galvanised	Galvanised	Galvanised	Galvanised
Height (mm)	800 mm	800 mm	800 mm	800 mm	1,200 mm	900 mm	900 mm	1,300 mm	1,300 mm
Width (mm)	2,000 mm	2,000 mm	1,200 mm	1,200 mm	1,500 mm	2,000 mm	2,000 mm	1,300 mm	1,300 mm
Length (mm)	900 mm	900 mm	900 mm	900 mm	900 mm	1,000 mm	1,000 mm	1,500 mm	1,500 mm
Face Velocity	3.3 m/s	2.9 m/s	2.7 m/s	2.7 m/s	2.6 m/s	4.0 m/s	3.6 m/s	4.2 m/s	3.8 m/s
Comments			Stainless Steel Material	Stainless Steel Material					
Manufacturers Name	IAC	IAC	IAC	IAC	IAC	IAC	IAC	IAC	IAC
Model	3SM	3SM	3SM	3SM	3SM	3SM	3SM	5SM	5SM
Type									
Installation Date	2014	2014	2014	2014	2014	2014	2014	2014	2014
Life Expectancy (yrs)	40 Years	40 Years	40 Years	40 Years	40 Years	40 Years	40 Years	40 Years	40 Years
Initial Value (£)									
Building Name	Example Name	Example Name	Example Name	Example Name	Example Name	Example Name	Example Name	Example Name	Example Name
Building Reference	Website Demo	Website Demo	Website Demo	Website Demo	Website Demo	Website Demo	Website Demo	Website Demo	Website Demo
Floor	1st	1st	1st	1st	1st	1st	1st	1st	1st
Grid Ref	x-y coord								
Room Name	Plantroom	Plantroom	Process Area	Process Area	Plantroom	Plantroom	Plantroom	Plantroom	Plantroom

ASSET REFERENCE: 16

System	Extract
No off	l
Air Flow (m3/s)	m3/s
Pressure Drop (Pa)	Pa
	l Loss
63 Hz	
125 Hz	
250 Hz	
500 Hz	
1 Hz	
2 Hz	
4 Hz	
8 Hz	
Fan / AHU Ref.	
Construction	inised
Height (mm)) mm
Width (mm)) mm
Length (mm)) mm
Face Velocity	m/s
Comments	
Manufacturers Name	.C
Model	IM
Type	
Installation Date	14
Life Expectancy (yrs)	ears
Initial Value (£)	
Building Name	e Name
Building Reference	Demo
Floor	st
Grid Ref	x-y coord
Room Name	room

ASSET REFERENCE:	S17	S18	S19	S20	S21	S22	S23	S24						
System	Atmospheric Supply	Atmospheric Extract	System Supply	System Extract	Atmospheric Supply	Atmospheric Extract	System Supply	System Extract						
No off	1	1	1	1	1	1	1	1						
Air Flow (m3/s)	6.47 m3/s	5.82 m3/s	6.47 m3/s	5.82 m3/s	5.88 m3/s	5.29 m3/s	5.88 m3/s	5.29 m3/s						
Pressure Drop (Pa)	33 Pa	17 Pa	47 Pa	38 Pa	36 Pa	29 Pa	48 Pa	39 Pa						
	Fan SWL	I Loss	Fan SWL	I Loss	Fan SWL	I Loss	Fan SWL	I Loss	Fan SWL	I Loss	Fan SWL	I Loss	Fan SWL	I Loss
63 Hz	79 dB		79 dB		79 dB		79 dB		79 dB		79 dB		79 dB	
125 Hz	82 dB		82 dB		82 dB		82 dB		82 dB		82 dB		82 dB	
250 Hz	89 dB		89 dB		89 dB		89 dB		89 dB		89 dB		89 dB	
500 Hz	87 dB		87 dB		87 dB		87 dB		87 dB		87 dB		87 dB	
1 Hz	86 dB		86 dB		86 dB		86 dB		86 dB		86 dB		86 dB	
2 Hz	79 dB		79 dB		79 dB		79 dB		79 dB		79 dB		79 dB	
4 Hz	78 dB		78 dB		78 dB		78 dB		78 dB		78 dB		78 dB	
8 Hz	80 dB		80 dB		80 dB		80 dB		80 dB		80 dB		80 dB	
Fan / AHU Ref.	AHU 4				AHU 5									
Construction	Galvanised	Galvanised	Galvanised	Stainless Steel	Galvanised	Galvanised	Galvanised	Galvanised						
Height (mm)	800 mm	800 mm	1,200 mm	1,200 mm	900 mm	900 mm	1,300 mm	1,300 mm						
Width (mm)	2,000 mm	2,000 mm	1,200 mm	1,200 mm	2,000 mm	2,000 mm	1,300 mm	1,300 mm						
Length (mm)	800 mm	1,000 mm	1,200 mm	1,200 mm	900 mm	900 mm	1,300 mm	1,300 mm						
Face Velocity	4.0 m/s	3.6 m/s	4.5 m/s	4.0 m/s	3.3 m/s	2.9 m/s	3.5 m/s	3.1 m/s						
Comments														
Manufacturers Name	IAC	IAC	IAC	IAC	IAC	IAC	IAC	IAC						
Model	3SM	3SM	5SM	5SM	3SM	3SM	5SM	5SM						
Type														
Installation Date	2014	2014	2014	2014	2014	2014	2014	2014						
Life Expectancy (yrs)	40 Years	40 Years	40 Years	40 Years	40 Years	40 Years	40 Years	40 Years						
Initial Value (£)														
Building Name	Example Name	Example Name	Example Name	Example Name	Example Name	Example Name	Example Name	Example Name						
Building Reference	Website Demo	Website Demo	Website Demo	Website Demo	Website Demo	Website Demo	Website Demo	Website Demo						
Floor	1st	1st	1st	1st	1st	1st	1st	1st						
Grid Ref x-y coord														
Room Name	Plantroom	Plantroom	Plantroom	Process Area - Return Conveyor	Plantroom	Plantroom	Plantroom	Plantroom						

ASSET REFERENCE:	S25	S26	S27	S28
System	Atmospheric Supply	Atmospheric Extract	System Supply	System Extract
No off	1	1	1	1
Air Flow (m3/s)	0.75 m3/s	0.68 m3/s	0.75 m3/s	0.68 m3/s
Pressure Drop (Pa)	20 Pa	20 Pa	20 Pa	20 Pa
	Fan SWL	I Loss	Fan SWL	I Loss
63 Hz	64 dB		64 dB	
125 Hz	67 dB		67 dB	
250 Hz	72 dB		72 dB	
500 Hz	71 dB		71 dB	
1 Hz	73 dB		73 dB	
2 Hz	67 dB		67 dB	
4 Hz	63 dB		63 dB	
8 Hz	58 dB		58 dB	
Fan / AHU Ref.	AHU 6			
Construction	Galvanised	Galvanised	Galvanised	Galvanised
Height (mm)	500 mm	500 mm	500 mm	500 mm
Width (mm)	800 mm	800 mm	800 mm	800 mm
Length (mm)	800 mm	800 mm	900 mm	900 mm
Face Velocity	1.9 m/s	1.7 m/s	1.9 m/s	1.7 m/s
Comments				
Manufacturers Name	IAC	IAC	IAC	IAC
Model				
Type				
Installation Date	2014	2014	2014	2014
Life Expectancy (yrs)	40 Years	40 Years	40 Years	40 Years
Initial Value (£)				
Building Name	Example Name	Example Name	Example Name	Example Name
Building Reference	Website Demo	Website Demo	Website Demo	Website Demo
Floor	1st	1st	1st	1st
Grid Ref x-y coord				
Room Name	Plantroom	Plantroom	Plantroom	Plantroom