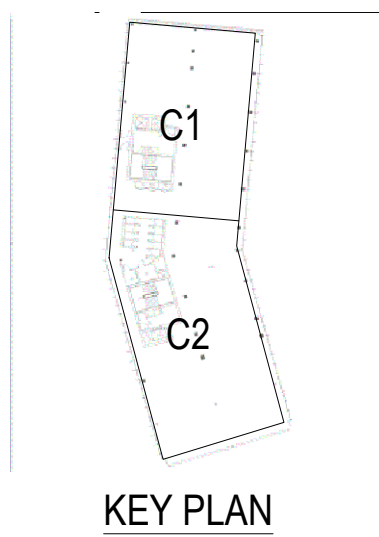
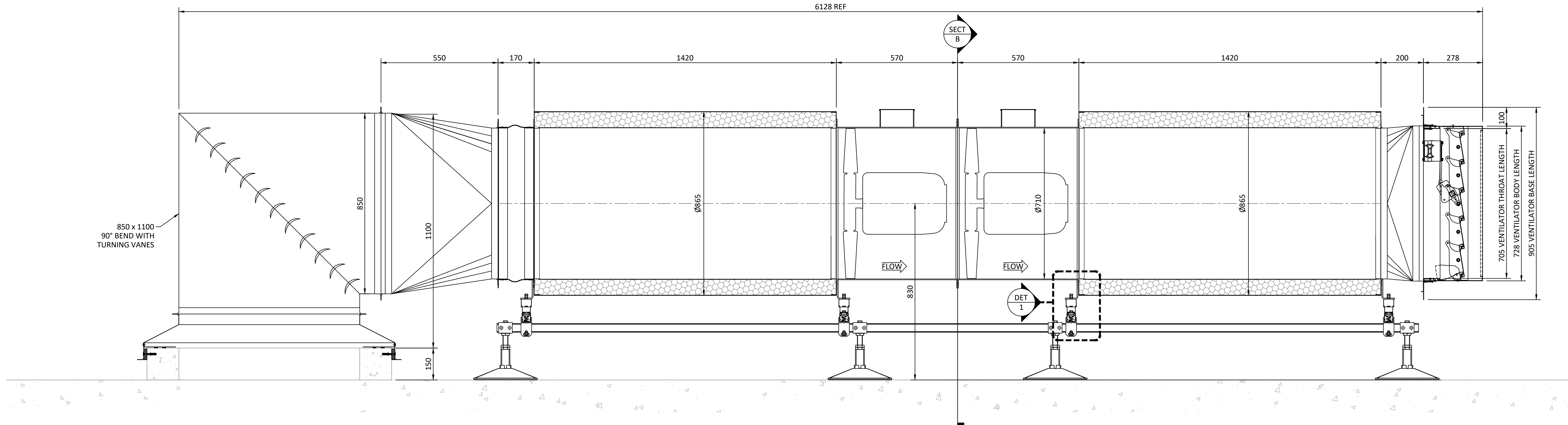


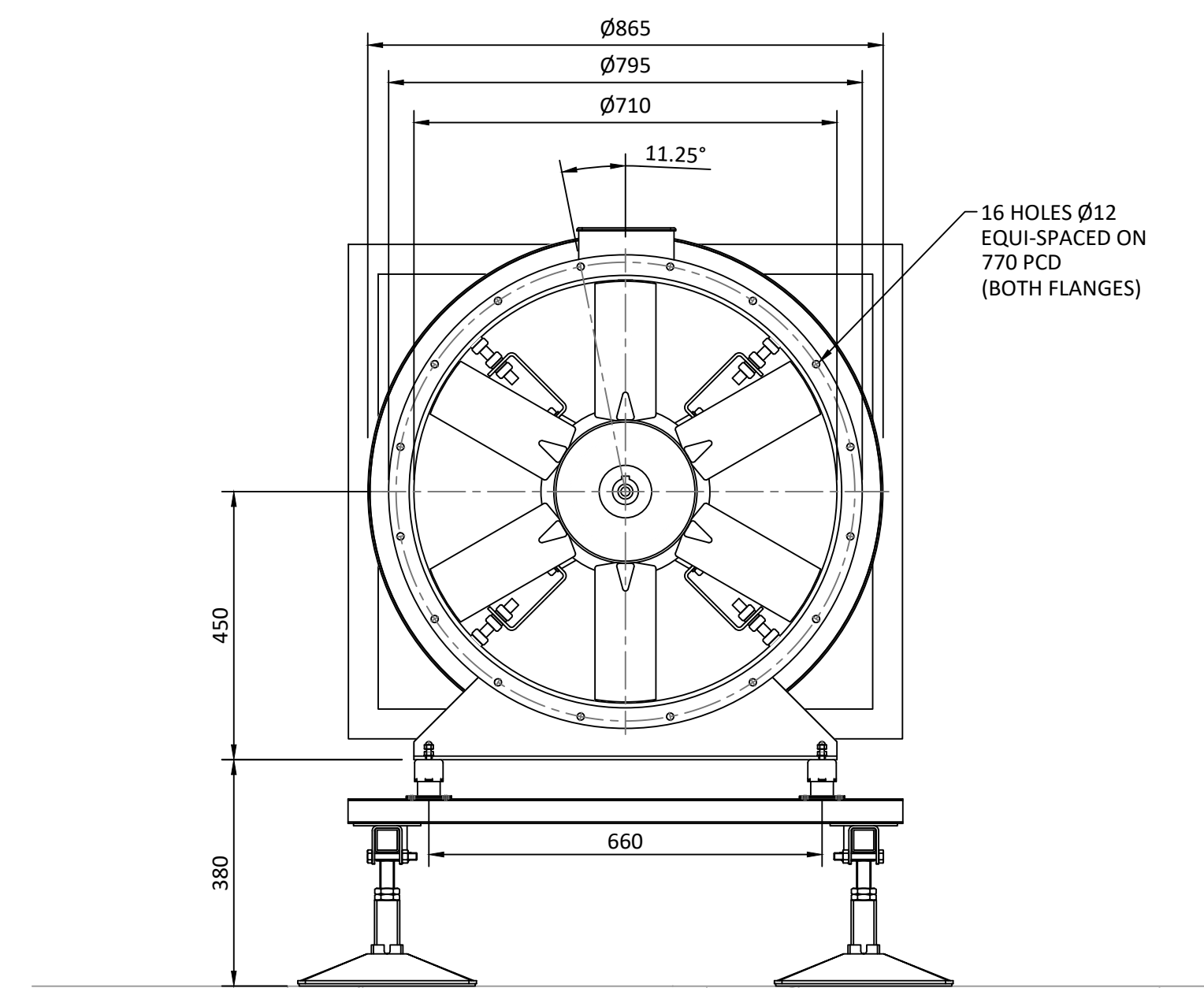


BUILDING DETAILS ARE INDICATIVE ONLY. ALL BUILDING, PREPARATION AND WEATHERING ARE NOT IN COLT SCOPE OF WORKS AND SHOULD BE COMPLETED PRIOR TO INSTALLATION. BUILDING TOLERANCES TO BE NO MORE THAN PLUS OR MINUS 5mm

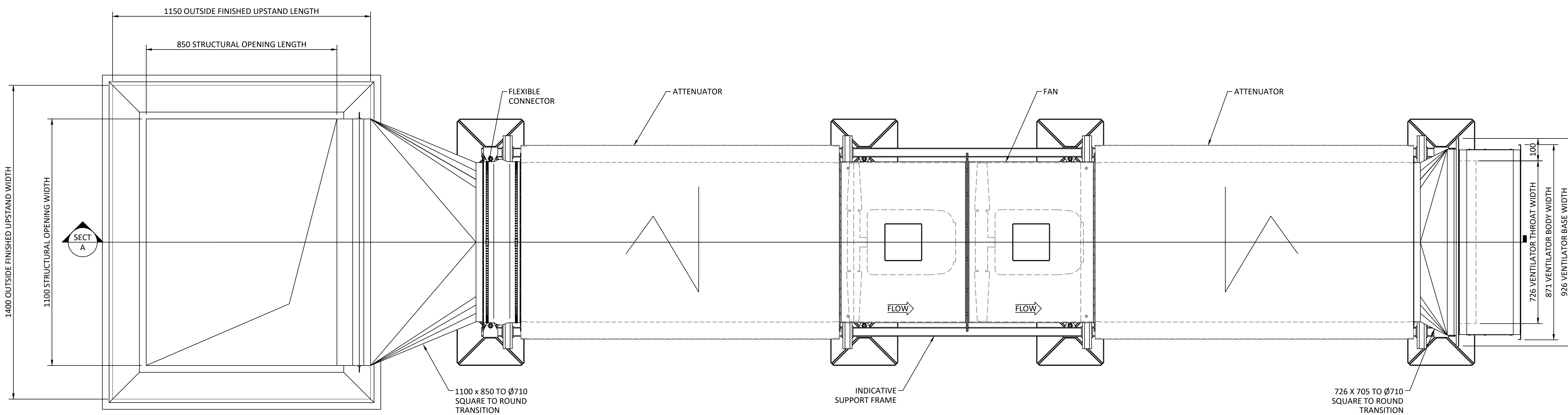
FOR THE AVOIDANCE OF DOUBT, ALL INCLUSIONS AND EXCLUSIONS ARE AS DETAILED IN THE COLT SPECIFICATION & ESTIMATE



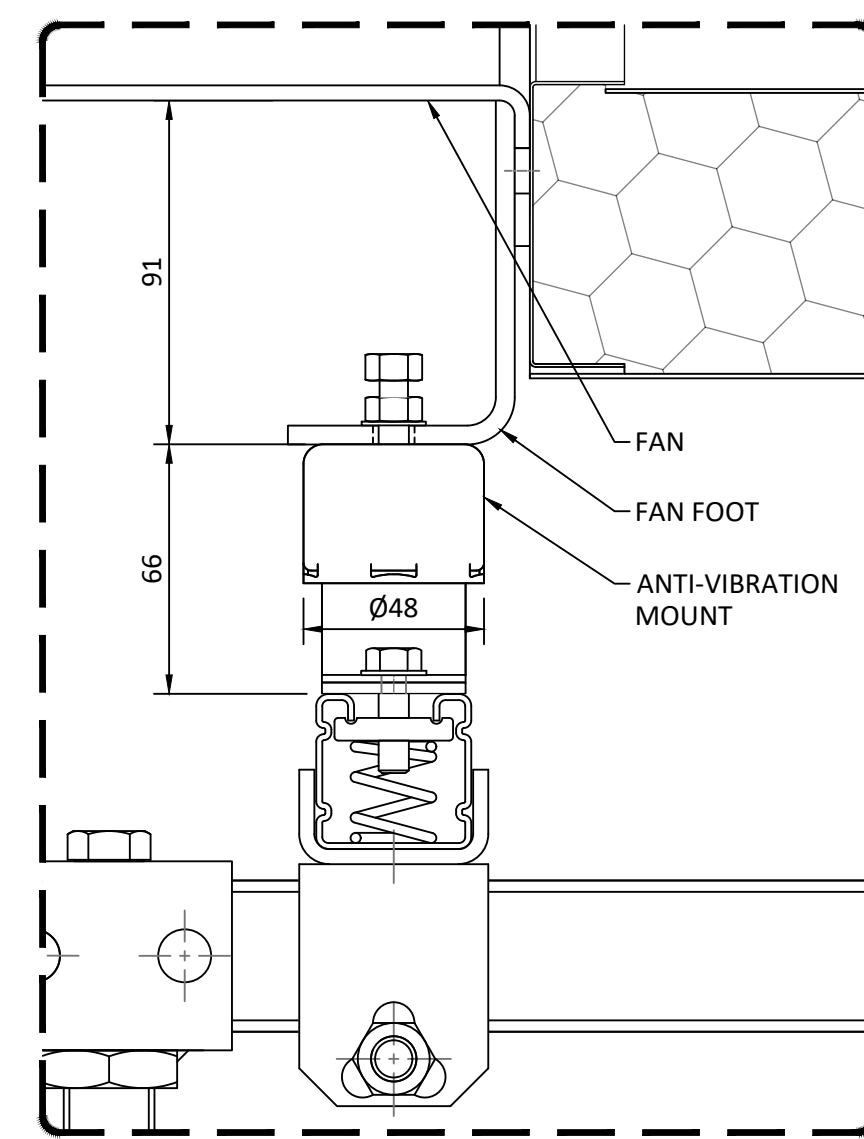
SECTION A
(SCALE 1:10)



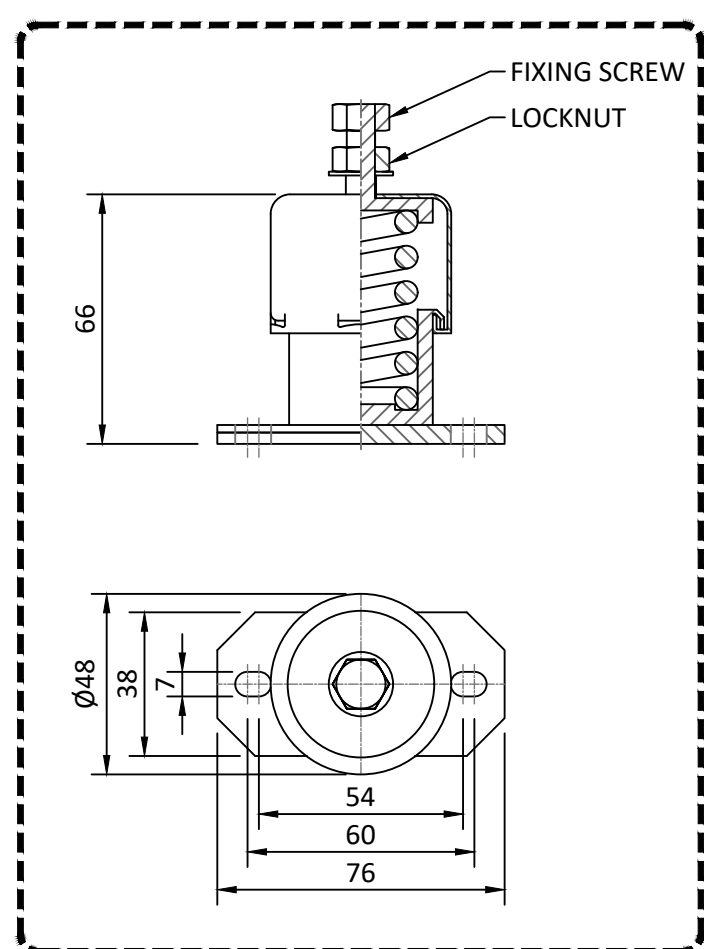
SECTION B
(SCALE 1:10)



PLAN VIEW
(SCALE 1:10)



DETAIL 1
(SCALE 1:2)



ANTI-VIBRATION MOUNT
MAX LOAD 100kg
(SCALE 1:2)

COLT REF: ANAC87

ATTENUATORS DATA						Insertion loss @ octave band [Hz]							
Fan Diameter	Type	Pod	External Diameter	Length	Weight [kg]	63	125	250	500	1K	2K	4K	8K
710	2D	ENP without POD	864	1420	59	-6	-8	-13	-22	-22	-13	-12	-9

FIXING NOTES	
FIXING CENTRES	500mm UP TO 1500N/m ² WINDLOAD 250mm UP TO 3000N/m ² WINDLOAD 175mm UP TO 4000N/m ² WINDLOAD
SUBSTRATE	RECOMMENDED FIXING TYPES
TIMBER	6 x 50 WOOD SCREWS + SEALING WASHERS
CONCRETE	4.8 x 50 SCREW + RAWL PLUGS + SEALING WASHERS
STEEL SHEET	5.5 SELF TAPPING SCREW + SEALING WASHERS

COLT (EN) SEEFIRE VENTILATOR			
CO/36/0910/A13/MIC230/PK/R/X/STD/N4/X/X/X/X			
CERTIFIED ACCORDING TO EN 12303-2			
CONTROL	2No. 230V ac, with microswitches; power to close, spring to open, failsafe open.		
FINISH	Mill finish (natural aluminium).		
THERMAL RELEASE	Without fusible link.		
ADDITIONAL EQUIPMENT	No additional equipment.		
LOUVERS	2No. of single skin aluminium louvre with pile weather seal. Externally removable louvre - first louvre from top.		
AEROD. FREE AREA (A _v) (m ²)	0.36	GEOM. FREE AREA (A _g) (m ²)	0.51
WEIGHT [kg]	24	WIND LOAD [N/m ²]	3000
SNOW LOAD [N/m ²]	1994	U _W VALUE (W/m ² K)	5.64

NOTES:			
Axial Fan:-			
- High Temperature Long Cased Fan	710	mm	
- Number of Blades	6		
- Blade Angle	16°		
- Motor Power	6.60	kW (AOM)	
- Full Load Current (FLC)	12.24	Amps	
- Motor Type	F300		
Ductwork:-			
- Ductwork is provided and installed by Colt.			
- To be manufactured in accordance with classification DW144 with high temperature sealant.			
Steelwork & Fixings:-			
- Support frame and fixings are provided and installed by Colt.			
- Support frame and fixings are shown indicatively.			
Equipment Weights:-			
2 Axial Fans	107.2	kg Each	
6 Anti-Vibration Connectors	1.0	kg Each	
1 Flexible Connector	2.0	kg Each	
2 Matching Flanges	3.0	kg Each	
3 Fan Mounting Feet	4.3	kg Each	
1 Inlet Attenuator	59.0	kg Each	
1 Exhaust Attenuator	59.0	kg Each	
ASSEMBLY WEIGHT =		359.3	kg Total

C01	PPH	FM/JS	14.08.25	ISSUED FOR CONSTRUCTION
P01	ACM	GW/JS	24.01.25	PRELIMINARY ISSUE
Rev	Dm	CK'd	Date	Description

Scale AS INDICATED @ Original Size A0

Status A5 - FOR AUTHORISATION AS STAGE COMPLETE

Client
ETHAD

Title
COMMERCIAL - SMOKE EXTRACT SYSTEM
EQUIPMENT DETAILS
SMOKE EXTRACT PLANT - STAIR 1

Drawing No. NSE-SEE-CM-RF-DD-M-302004 Revision C01

SES (Engineering Services) Ltd
Think Park
Building Three
Moseley Road
Trafford Park
Manchester
M17 1FD
(T) 0161 945 5589
(W) www.ses-rltd.co.uk

ENGINEERING SERVICES