



WEATHERPROOF CONSTRUCTION

TECHNICAL SPECIFICATION					
ITEM	DESCRIPTION	DETAILS			
1	PRE-FILTER FILTER	PRE-FILTERS Perfect Pleat G4 Arneistance 90-95%	PART NO 4531001234 4531002424 4531002024	W X H OFF 610X305 610X610 508X610	1 1 1
		NO SPARE SET			
	POLYSEAL	FILTERS M Pak F6 Efficiency 60-65%	PART NO 2761100002 2761100015 2761100009	W X H OFF 610X305 610X610 508X610	1 1 1
		NO SPARE SET			
2	DX COIL	MODEL= 1022A3402098021EXX(8+8) ROWS= 2 CONNECTIONS SUPPLY(mm)= 16 TOTAL CAPACITY(W)= 31.80 ENTERING AIR(CDB)= 32.00 LEAVING AIR(CDB)= 22.00 REFRIGERANT= R410A No OF CIRCUITS 2 INTERLACED CONNECTION TYPE= PLAIN BINDER TAPPING POINTS= N/A DRAIN PANS= Drain Standard Sloping - Polypropylene CASING= Galv NOTE=	FINS= AL TUBES= COPPER RETURN(mm)= 35 °CWB= 22.00 °CWB= 18.03 SUCTION TEMP 6.00 °C HOT GAS BY PASS= N/A MOISTURE ELIMINATOR= NO DRAIN CONNECTION(BSP)= 1" DRAIN CONNECTION(BSP)= 1"		
3	ELECTRIC COIL	ELECTRICAL SUPPLY 415/240v TOTAL CAPACITY 60.00 kW STAGES 1 ENTERING AIR(C)= -5.00 LEAVING AIR(C)= 20.00 ELEMENT SHEATHED WITH HIGH TEMPERATURE MANUAL RESET CUTOUT NOTE=			
4	FAN SUPPLY	FAN MODEL= THLZ 355 FF R AIR FLOW (m³/s)= 1.98 SPEED (rpm)= 2123 FREQUENCY (Hz) 63 125 250 500 1k 2k 4k 8k SOUND POWER LEVEL (dB) 91 86 85 82 82 79 73 67 VOLUME CONTROL= N/A FINISH= STANDARD INSPECTION DOOR= N/A STAINLESS STEEL SHAFT= N/A SPARK MINIMISING FEATURES= N/A	IMPELLER TYPE= BC ESP(Pa)= 250 ABS. POWER (kW)= 1.72 INLET GUARDS= N/A SHAFT GUARDS= N/A INLET GUARDS= N/A DRAIN PLUG= N/A TYPE= 90L EFF1 SUPPLY= 400V/50Hz WINDING TYPE= SINGLE STARTING METHOD= DOL THERMISTER FITTED= N/A EPOXY PAINT FINISH= N/A SPARE DRIVE BELTS (SET(S))= 0		
5	FLEXIBLE CONNECTION	MATERIAL - PVC COATED POLYESTER FABRIC CONFORMS TO DIN 24194			
6	AVM'S	TYPE SPRING No REQUIRED 4 PER FAN			
7	FINISH	FRAMES - ANODISED ALUMINIUM ALLOY PANELS OUTER SKIN - GREY PLASTISOL PANELS INNER SKIN - GALVANIZED			
8	INSULATION	ALL PANELS DOUBLE SKINNED 25 mm THICK			
9	GENERAL NOTES	<ul style="list-style-type: none"> a) FULL UNIT WIDTH CLEARANCE REQ'D FOR FAN & COIL REMOVAL. b) CLEARANCE REQUIRED AT ACCESS SIDE OF FILTER SECTION FOR FILTER REMOVAL SEE PLAN VIEW. c) CARE MUST BE TAKEN WHEN PIPING-UP TO ENSURE THAT NO WEIGHT IS PLACED UPON THE COIL CONNECTIONS. d) NO LOADS FROM CLIENTS DUCTWORK TO BE IMPOSED ON UNIT e) ALL QUOTED FAN VOLUMES & NOISE LEVELS ARE PROVIDED IN ACCORDANCE WITH RELEVANT FAN MANUFACTURES STANDARDS AND ARE SUBJECT TO INDUSTRIAL ACCEPTED TOLERANCES f) INLET AND OUTLET FLANGES UNDRILLED FOR RECOMMENDED DUCTWORK FIXING DETAILS SEE DRAWING No. A2-920685 g) CABLE PENETRATIONS SHOULD BE VIA HOLES CUT IN THE PANELS & MUST BE SEALED WITH A SUITABLE MASTIC AFTER THE CABLE HAS BEEN CLIPPED AND GLANDED. h) ALL GALVANISED/STAINLESS STEEL/PLASTISOL & ALUMINIUM USED IN THE CONSTRUCTION OF THESE UNITS IS PURCHASED AND IN LINE WITH THE RELEVANT BRITISH & EUROPEAN STANDARDS. i) INSERTION LOSSES ARE DERIVED FROM STATIC TESTS CARRIED OUT IN ACCORDANCE WITH BS4718:1971 EFFECTIVE INSERTION LOSS IN AHU APPLICATION WILL BE AFFECTED BY AIRFLOW CONDITIONS/NOISE REGENERATION AND COMPONENT LOSSES. THE DATA SHOULD NOT BE ARITHMETICALLY SUBTRACTED FROM THE FAN L_W TO OBTAIN THE INLET & OUTLET LEVELS. REFERENCE MUST BE MADE TO DAIRIN. j) ESTIMATED SHPPING WEIGHT = 385 kg 			