



WEATHERPROOF CONSTRUCTION

TECHNICAL SPECIFICATION					
ITEM	DESCRIPTION	DETAILS			
1	PRE-FILTER FILTER	PRE-FILTERS Perfect Pleat G4 Resistance 90-95%	PART NO 4531002024	W X H 610X508	OFF 1
		NO SPARE SET			
	POLYSEAL	FILTERS M Pak F6 Efficiency 60-65%	PART NO 2761100009	W X H 610X508	OFF 1
		NO SPARE SET			
2	DX COIL	MODEL= 1022A1702048021EXX04 ROWS= 2 CONNECTIONS SUPPLY(mm)= 12 TOTAL CAPACITY(W)= 7.68 ENTERING AIR(CDB)= 32.00 LEAVING AIR(CDB)= 22.00 REFRIGERANT= R410A No OF CIRCUITS 1 INTERLACED CONNECTION TYPE= PLAIN BINDER TAPPING POINTS= N/A DRAIN PANS= Drain Standard Sloping - Polypropylene CASING= Galv NOTE:	FINS= AL TUBES= COPPER RETURN(mm)= 28 "CWB= 22.00 "CWB= 18.05 SUCTION TEMP 6.00 °C HOT GAS BY PASS= N/A MOISTURE ELIMINATOR= NO DRAIN CONNECTION(BSP)= 1"		
3	ELECTRIC COIL	ELECTRICAL SUPPLY 415/240v TOTAL CAPACITY 15.00 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 200 FF R AIR FLOW (m³/s)= 0.48 SPEED (rpm)= 3507 FREQUENCY (Hz) 63 125 250 500 1k 2k 4k 8k SOUND POWER LEVEL (dB) 90 82 81 79 77 74 68 60 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)= 0.42 SHAFT GUARDS= N/A INLET GUARDS= N/A DRAIN PLUG= N/A	FSP(Pa)= 578 FSP(Pa)= 0.42	
	DRIVE MOTOR	RATING (kW)= 0.55 F.L. SPEED (rpm)= 2790 FULL LOAD CURRENT(Iamp)= 1.27 STARTING CURRENT(Iamp)= 8.84 THERMISTER FITTED= N/A EPOXY PAINT FINISH= N/A	TYPE= 80 SUPPLY= 400V/50Hz WINDING TYPE= SINGLE STARTING METHOD= DOL 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	<p>a) FULL UNIT WIDTH CLEARANCE REQ'D FOR FAN & COIL REMOVAL.</p> <p>b) CLEARANCE REQUIRED AT ACCESS SIDE OF FILTER SECTION FOR FILTER REMOVAL SEE PLAN VIEW.</p> <p>c) CARE MUST BE TAKEN WHEN PIPING-UP TO ENSURE THAT NO WEIGHT IS PLACED UPON THE COIL CONNECTIONS.</p> <p>d) NO LOADS FROM CLIENTS DUCTWORK TO BE IMPOSED ON UNIT</p> <p>e) ALL QUOTED FAN VOLUMES & NOISE LEVELS ARE PROVIDED IN ACCORDANCE WITH RELEVANT FAN MANUFACTURES STANDARDS AND ARE SUBJECT TO INDUSTRIAL ACCEPTED TOLERANCES</p> <p>f) INLET AND OUTLET FLANGES UNDRILLED FOR RECOMMENDED DUCTWORK FIXING DETAILS SEE DRAWING No. A2-920685</p> <p>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.</p> <p>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.</p> <p>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 DAKIN.</p> <p>j) ESTIMATED SHIPPING WEIGHT = 219 kg</p>			