



TECHNICAL SPECIFICATION					
ITEM	DESCRIPTION	DETAILS			
1	PRE-FILTER FILTER	PRE-FILTERS	PART NO	W X H	OFF
		Perfect Pleat	4531001224	610X305	1
		G4 Arrestance 90-95%	4531002424 4531002024	610X610 508X610	1 1
	NO SPARE SET				
	POLYSEAL	FILTERS	PART NO	W X H	OFF
		M-Fin	2761100002	610X305	1
		F6 Efficiency 60-65%	2761100015 2761100009	610X610 508X610	1 1
	NO SPARE SET				
2	DX COIL	MODEL= 1022A3402098021EXX(8+8) ROW(S)= 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 INTERLACED CONNECTION TYPE= PLAIN BINDER TAPPING POINTS= N/A DRAIN PAN= Drain Standard Sloping - Polypropylene CASING = Galv NOTE:	FIN(S)= AL TUBES= COPPER RETURN(mm)= 35 FINS= 22.00 "CWB= 18.00 "CWB= 18.00 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 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= THLZ355 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 FSP(Pa)= 616 ABS. POWER (kW)= 1.72 SHAFT GUARDS= N/A INLET GUARDS= N/A DRAIN PLUG= N/A		
		DRIVE MOTOR	RATING (kW)= 2.20 F.L. SPEED (rpm)= 1440 FULL LOAD CURRENT(amps)= 4.59 STARTING CURRENT(amps)= 35.80 THERMISTER FITTED= N/A EPOXY PAINT FINISH= N/A	TYPE= 90L EFF1 SUPPLY= 400V/50Hz WINDING TYPE= SINGLE STARTING METHOD= DOL SPARE DRIVE BELTS (SETS)= 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 LUT TO OBTAIN THE INLET & OUTLET LEVELS. REFERENCE MUST BE MADE TO DAikin.</p> <p>j) ESTIMATED SHIPPING WEIGHT = 385 kg</p>			

WEATHERPROOF CONSTRUCTION