



TECHNICAL SPECIFICATION					
ITEM	DESCRIPTION	DETAILS			
1	FLATBANK FILTER	SIDE ACCESS Perfect Pleat G4 ARRESTANCE 90-95%	PART NO 4531002424	W X H OFF 610X610	1
2	ELECTRIC COIL	NO SPARE SET			
3	FAN SUPPLY	ELECTRICAL SUPPLY 415/240v TOTAL CAPACITY 24.00 kW STAGES 1 ENTERING AIR("C")= -5.00 LEAVING AIR("C")= 20.00 ELEMENT SHEATHED WITH HIGH TEMPERATURE MANUAL RESET CUTOOUT NOTE: FAN MODEL= TLZ 200 R IMPELLER TYPE= FC AIR FLOW (m³/s)= 0.79 ESP(Pa)= 250 FSP(Pa)= 393 SPEED (rpm)= 1686 ABS. POWER (kW)= 0.67 FREQUENCY (Hz) 63 125 250 500 1k 2k 4k 8k SOUND POWER LEVEL (dB) 78 78 76 74 78 77 75 71 VOLUME CONTROL= N/A FINISH= STANDARD SHAFT GUARDS= N/A INSPECTION DOOR= N/A INLET GUARDS= N/A STAINLESS STEEL SHAFT= N/A DRAIN PLUG= N/A SPARK MINIMISING FEATURES= N/A DRIVE MOTOR RATING (kW)= 1.10 TYPE= 905 EFF1 F.L. SPEED (rpm)= 1420 SUPPLY= 400V/50Hz FULL LOAD CURRENT(amps)= 2.50 WINDING TYPE= SINGLE STARTING CURRENT(amps)= 17.50 STARTING METHOD= DOL THERMIST FTTED= N/A EPOXY PAINT FINISH= N/A SPARE DRIVE BELTS (SET(S))= 0			
4	FLEXIBLE CONNECTION	MATERIAL - PVC COATED POLYESTER FABRIC CONFORMS TO DIN 24194			
5	AVM's	TYPE SPRING No REQUIRED 4 PER FAN			
6	FINISH	FRAMES - ANODISED ALUMINIUM ALLOY PANELS OUTER SKIN - GREY_PLASTISOL PANELS INNER SKIN - GALVANIZED			
7	INSULATION	ALL PANELS DOUBLE SKINNED 25 mm THICK			
8	GENERAL NOTES	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 Lw TO OBTAIN THE INLET & OUTLET LEVELS. REFERENCE MUST BE MADE TO DAIKIN. j) ESTIMATED SHIPPING WEIGHT = 176 kg			

WEATHERPROOF CONSTRUCTION