



SECTIONS		
NO	LENGTH	WEIGHT
1	1250 mm	250 Kg
2	1350 mm	201 Kg
3	1350 mm	176 Kg

11	GENERAL NOTES	<p>a) FULL UNIT WIDTH CLEARANCE REQ'D FOR FAN & COIL REMOVAL. CLEARANCE REQUIRED AT ACCESS SIDE OF FILTER SECTION FOR FILTER REMOVAL SEE PLAN VIEW.</p> <p>b) CARE MUST BE TAKEN WHEN PIPING UP TO ENSURE THAT NO WEIGHT IS PLACED UPON THE COIL CONNECTIONS.</p> <p>c) NO LOADS FROM CLIENTS DUCTWORK TO BE IMPOSED ON UNIT</p> <p>d) ALL QUOTED FAN VOLUMES & NOISE LEVELS ARE PROVIDED IN ACCORDANCE WITH RELEVANT FAN MANUFACTURES STANDARDS AND ARE SUBJECT TO INDUSTRIAL ACCEPTED TOLERANCES</p> <p>e) INLET AND OUTLET FLANGES UNDRILLED FOR RECOMMENDED DUCTWORK FIXING DETAILS SEE DRAWING No. A2-020685</p> <p>f) 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>g) 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>h) INSERTION LOSSES ARE DERIVED FROM STATIC TESTS CARRIED OUT IN ACCORDANCE WITH BS54718:1971</p> <p>i) 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.</p> <p>j) ESTIMATED SHIPPING WEIGHT = 627 kg</p>
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TECHNICAL SPECIFICATION									
ITEM	DESCRIPTION	DETAILS							
1	FLATBANK FILTER	SIDE ACCESS Perfect Pleat G4 ARRESTANCE 90-95%	PART NO 4531002424 4531001224	W	X	H	OFF	610X610 305X610	1 1
		NO SPARE SET							
2	HEATCUBE	SIZE= 600	CODE= RXL600.650 B19.0 HSE						
		<u>WINTER CONDITIONS</u> SUPPLY AIR ON = -5.0 °C SUPPLY AIR OFF = 7.7 °C EXHAUST AIR ON = 22.0 °C HEAT RECOVERY = 17.0 kW EFFICIENCY(%)= 47.1 <u>SUMMER CONDITIONS</u> SUPPLY AIR ON = 32.0 °C SUPPLY AIR OFF = 27.6 °C EXHAUST AIR ON = 22.0 °C HEAT RECOVERY = 6.0 kW EFFICIENCY(%)= 43.9 MATERIALS OF CONSTRUCTION= STANDARD BYPASS= TRUE DRAIN PAN= STANDARD SLOPING - POLYPROPYLENE DRAIN CONNECTION SIZE(BSP)= 1"							
3	ELECTRIC COIL	ELECTRICAL SUPPLY 415/240v TOTAL CAPACITY 36.00 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= TLZ 250 R AIR FLOW (m³/s)= 1.13 SPEED (rpm)= 1536 FREQUENCY (Hz) 63 125 250 500 1k 2k 4k 8k SOUND POWER LEVEL (dB) 79 78 77 74 79 76 75 71 VOLUME CONTROL= N/A FINISH= STANDARD INSPECTION DOOR= N/A STAINLESS STEEL SHAFT= N/A SPARK MINIMISING FEATURES= N/A	IMPELLER TYPE= FC ESP(Pa)= 250 ABS. POWER (kW)= 1.15	FSP(Pa)= 550					
	DRIVE MOTOR	RATING (kW)= 1.50 FL SPEED (rpm)= 1420 FULL LOAD CURRENT(amps)= 3.19 STARTING CURRENT(amps)= 22.65 THERMISTER FITTED= N/A EPOXY PAINT FINISH= N/A	TYPE= 90L SUPPLY= 400V/50Hz WINDING TYPE= SINGLE STARTING METHOD= DOL	EFF1					
5	FLATBANK FILTER	SIDE ACCESS Perfect Pleat G4 ARRESTANCE 90-95%	PART NO 4531002424 4531001224	W	X	H	OFF	610X610 305X610	1 1
		NO SPARE SET							
6	FAN RETURN	FAN MODEL= TLZ 250 R AIR FLOW (m³/s)= 1.13 SPEED (rpm)= 1548 FREQUENCY (Hz) 63 125 250 500 1k 2k 4k 8k SOUND POWER LEVEL (dB) 68 71 74 74 79 76 75 71 VOLUME CONTROL= N/A FINISH= STANDARD INSPECTION DOOR= N/A STAINLESS STEEL SHAFT= N/A SPARK MINIMISING FEATURES= N/A	IMPELLER TYPE= FC ESP(Pa)= 250 ABS. POWER (kW)= 1.16	FSP(Pa)= 541					
	DRIVE MOTOR	RATING (kW)= 1.50 FL SPEED (rpm)= 1420 FULL LOAD CURRENT(amps)= 3.19 STARTING CURRENT(amps)= 22.65 THERMISTER FITTED= N/A EPOXY PAINT FINISH= N/A	TYPE= 90L SUPPLY= 400V/50Hz WINDING TYPE= SINGLE STARTING METHOD= DOL	EFF1					
7	FLEXIBLE CONNECTION	MATERIAL - PVC COATED POLYESTER FABRIC CONFORMS TO DIN 24194							
8	AVM's	TYPE SPRING No REQUIRED 4 PER FAN							
9	FINISH	FRAMES - ANODISED ALUMINIUM ALLOY PANELS OUTER SKIN - GREY_PLASTISOL PANELS INNER SKIN - GALVANIZED							
10	INSULATION	ALL PANELS DOUBLE SKINNED 25 mm THICK							