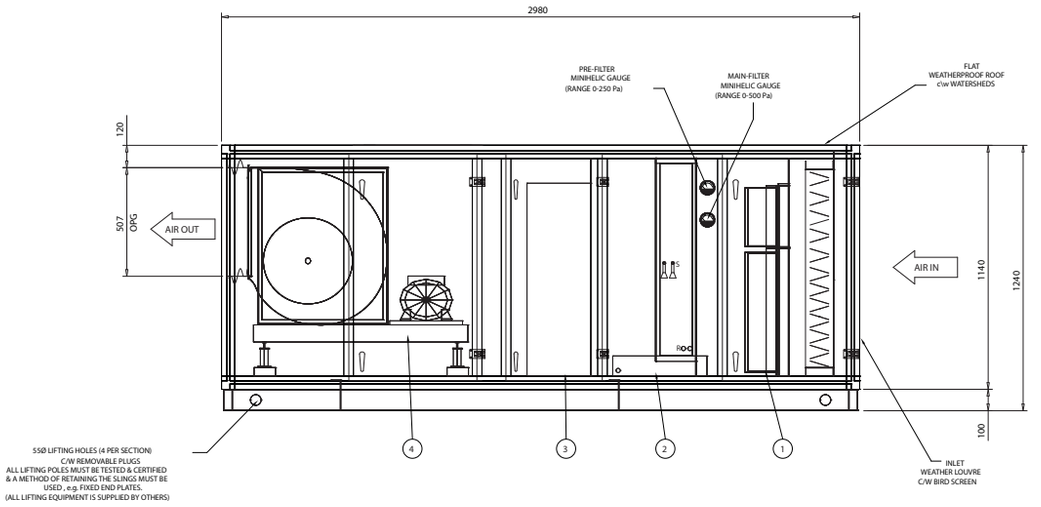

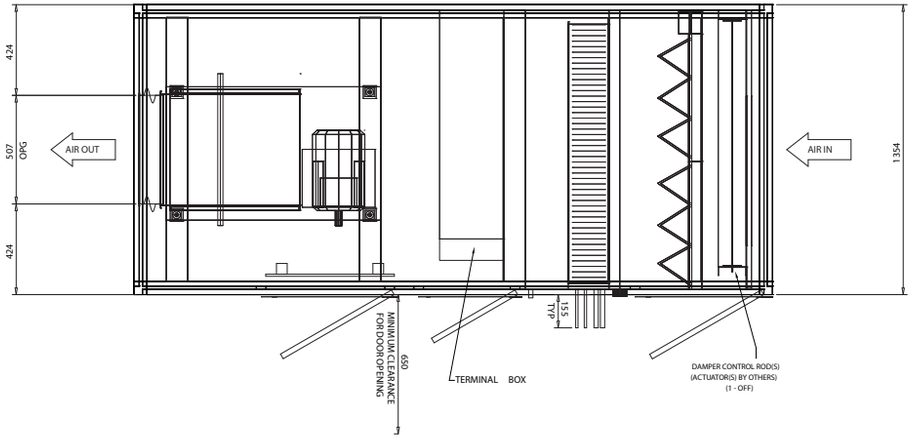

TECHNICAL SPECIFICATION		
ITEM	DESCRIPTION	DETAILS
1	PREFILTER FILTER	PRE-FILTERS — PART NO — W X H — OFF Perfect Pleat — 4531001224 — 610X305 — 2 G4 — 4531002424 — 610X610 — 2 Arrestance 90-95% NO SPARE SET
	POLYSEAL	FILTERS — PART NO — W X H — OFF M-Pak — 2761100002 — 610X305 — 2 F6 — 2761100015 — 610X610 — 2 Efficiency 60-65% NO SPARE SET
2	DX COIL	MODEL= 1022A3602108021EXX(9+9) ROWS= 2 FINS= Al TUBES= COPPER CONNECTIONS SUPPLY(mm)= 16 RETURN(mm)= 35 TOTAL CAPACITY(kW)= 40.42 ENTERING AIR(°CDB)= 32.00 °CWB= 22.00 LEAVING AIR(°CDB)= 22.00 °CWB= 18.07 REFRIGERANT= R410A SUCTION TEMP 6.00 °C No OF CIRCUITS 2 INTERLACED HOT GAS BY PASS= N/A CONNECTION TYPE= PLAIN MOISTURE ELIMINATOR= NO BINDER TAPPING POINTS= N/A DRAIN CONNECTION(BSP)= 1" DRAIN PAN= Drain Standard Sloping - Polypropylene CASING = Galv NOTE-
3	ELECTRIC COIL	ELECTRICAL SUPPLY 415/240v TOTAL CAPACITY 82.50 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 400 FF R IMPELLER TYPE= BC AIR FLOW (m^3/s)= 2.54 ESP(Pa)= 250 FSP(Pa)= 627 SPEED (rpm)= 1920 ABS. POWER (kW)= 2.24 FREQUENCY (Hz) 63 125 250 500 1k 2k 4k 8k SOUND POWER LEVEL (dB) 93 86 86 81 85 82 71 63 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)= 3.00 TYPE= 100LX EFF1 F.L. SPEED (rpm)= 1445 SUPPLY= 400V/50Hz FULL LOAD CURRENT(amps)= 6.19 WINDING TYPE= SINGLE STARTING CURRENT(amps)= 46.43 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	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 = 447 kg

WEATHERPROOF CONSTRUCTION