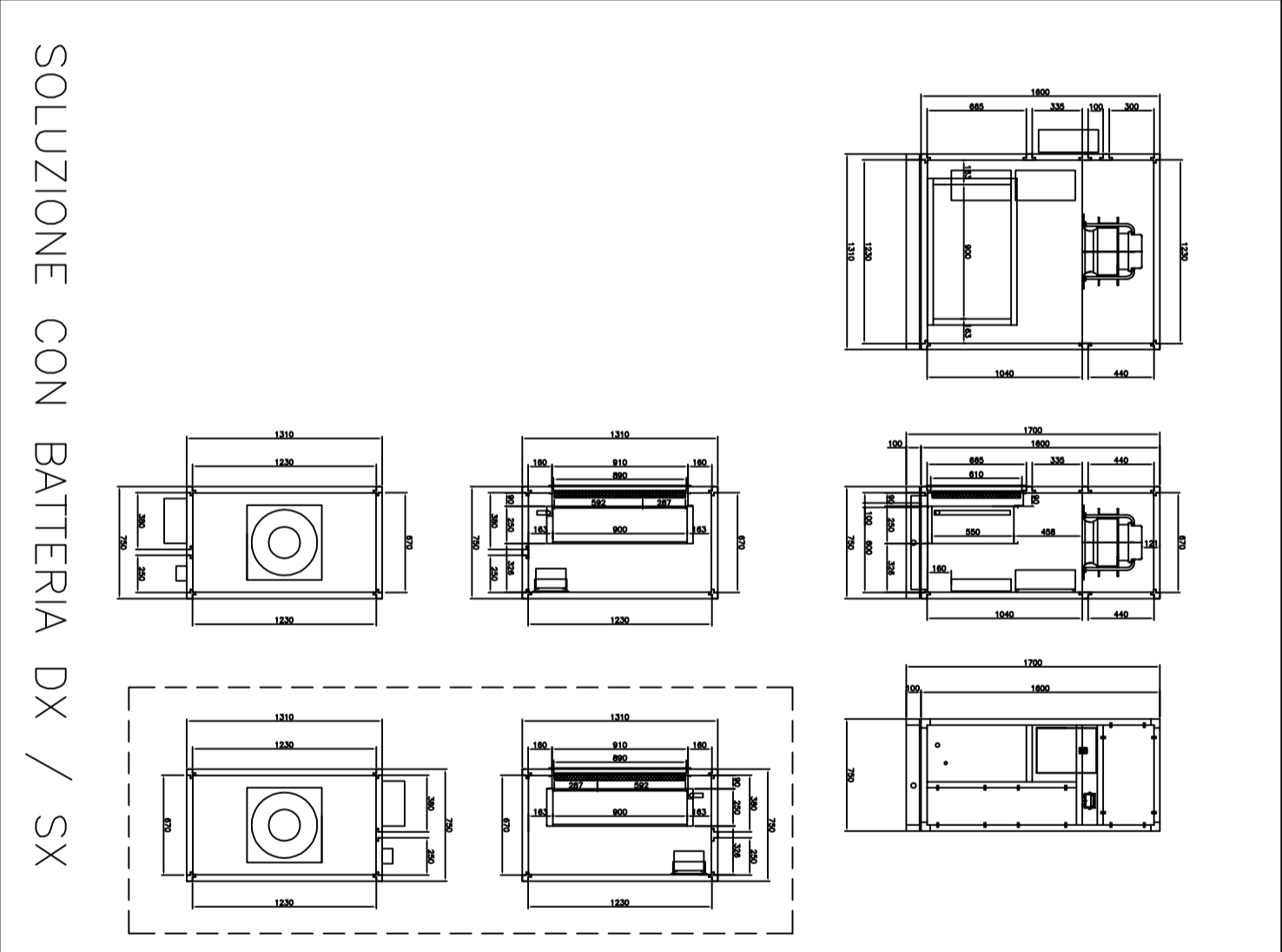
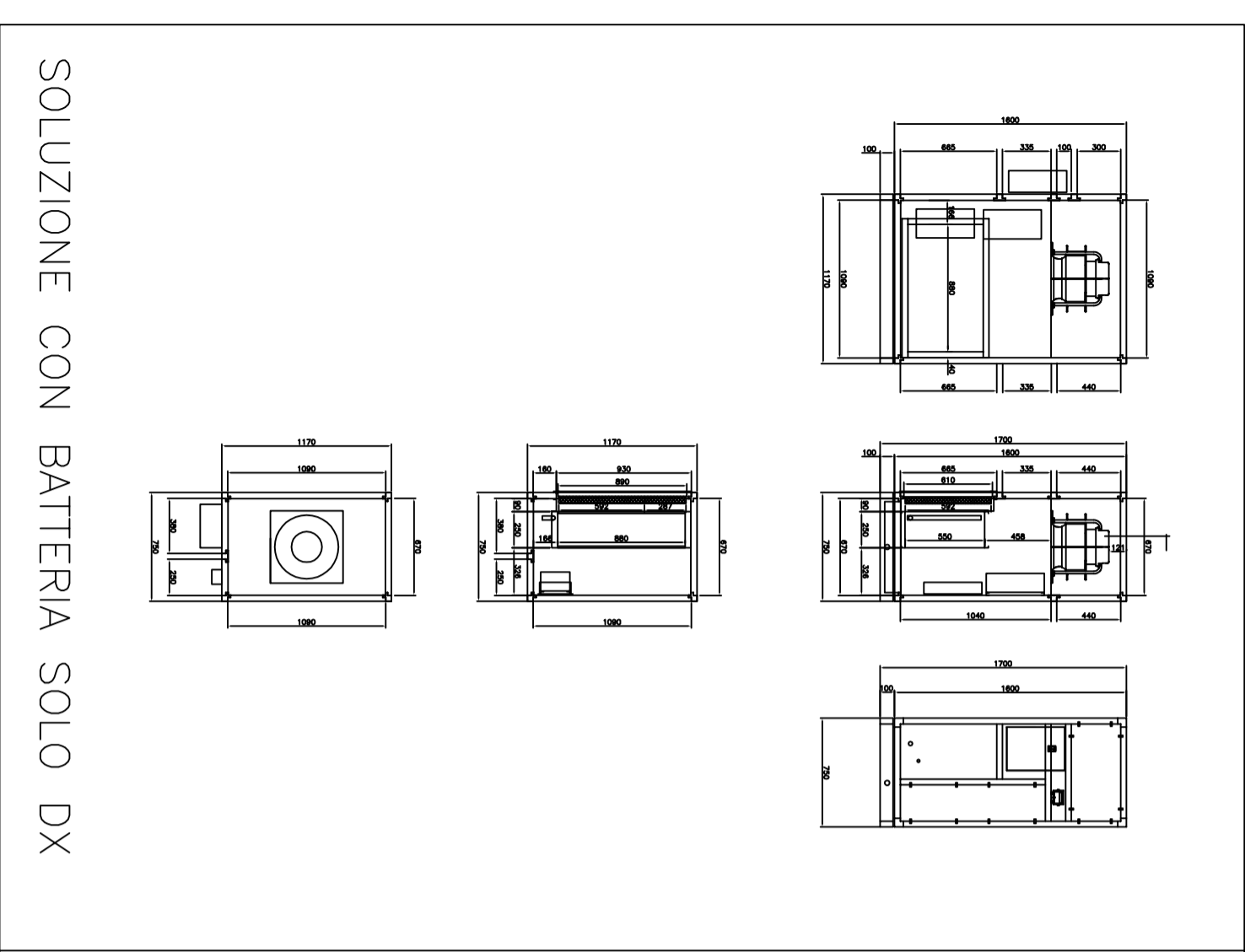


NOT TO BE SCALED IF IN DOUBT ASK



REVISION		DRAWN BY		CHECKED BY	
DESCRIPTION		DATE		DATE	
REVISION		DRAWN BY		CHECKED BY	
DESCRIPTION		DATE		DATE	

TITLE		GENERAL ARRANGEMENT OF AIR HANDLING UNIT	
UNIT SIZE		- ST42 740x1130	
CLIENT		ASTRA VER. - ASTRAWEB 10.1.1.3.1	
CLIENT'S TAGGING		- 28 kW/R1	
PROJECT		- UTA floor standing	
UNIT No. -		001	
SCALE 1: 1		8.4	
DRAWN BY		DATE	
CHECKED BY		DATE	
APPROVED BY		DATE	
JOB NUMBER		DRAWING NUMBER	
1117794		-A1 - 1117794/001/GA	
		00	



NO	SECTIONS		
	LENGTH	WEIGHT	LIFTING
1	2070 mm	300 kg	STD
TOTAL		300 kg	

ITEM	DESCRIPTION	DETAILS	
1	FLATBANK FILTER	SIDE ACCESS POLYSEAL_2 Vertical EcoPak φPM10 60X(M6)	W.X.H.X.D 587X587X48 1
2	DX COIL	MODEL=102242205083025E0107 ROWS=5 FIN SPACING(mm)=2.5 LIQUID CONNECTIONS (mm)=16 TOTAL CAPACITY(kw)=24.8 ENTERING AIR(CDB)=27 LEAVING AIR(CDB)=13 REFRIGERANT= R410A No. OF CIRCUITS= 1 CONNECTION TYPE= PLAIN INTERLACED BRIDER TAPPING POINTS= N/A DRAIN PAN=External Drain Pan CASING = GALV	FINS=AL01 TUBES=CU GAS(mm)= 22 (RH%)= 45 (RH%)= 91 °C EVAPOR. TEMP 6 ESP. EL. VALVE = 1XEEV250 MOISTURE ELIMINATOR= NONE DRAIN CONNECTION(BSP)= 1" NOTE =
3	EC FAN SUPPLY	FAN MODEL=K3G355P8305 AIR FLOW (m ³ /s)= 1.11 SPEED (rpm)=1986.87 FREQUENCY (Hz) 63 125 250 500 1k 2k 4k 8k SOUND POWER LEVEL (dB) 60 69 67 70 73 73 74 63 VOLUME CONTROL= N/A FINISH= ALUM INLET GUARDS= N/A INSPECTION DOOR= N/A STAINLESS STEEL SHAFT= N/A SPARK MINIMISING FEATURES= N/A EXTERNAL CONNECTION=	IMPELLER TYPE= EC ESP(Pa)=100 ABS. POWER (kW)=0.65 ESP(Pa)=291
5	DRIVE MOTOR	RATING (kW)=2.68 F.L. SPEED (rpm)=3230 FULL LOAD CURRENT(amps)=4.1 STARTING CURRENT(amps)=N/A THERMISTER FITTED= N/A EPOXY PAINT FINISH= N/A	TYPE= SUPPLY=3Ph-380-480V WINDING TYPE= 1 STARTING METHOD= DOL SPARE DRIVE BELTS (SET(S))= N/A
6	FLEXIBLE CONNECTION	MATERIAL - PVC COATED POLYESTER FABRIC CONFORMS TO DIN 24194	(IF PRESENT)
7	INSULATION	PANELS DOUBLE SKINNED 42 mm THICK INSULATION WOOL	(IF PRESENT)
8	GENERAL NOTES	a) CARE MUST BE TAKEN WHEN PIPING-UP TO ENSURE THAT NO WEIGHT IS PLACED UPON THE COIL CONNECTIONS. b) NO LOADS FROM CLIENTS DUCTWORK TO BE IMPOSED ON UNIT c) ALL QUOTED FAN VOLUMES & NOISE LEVELS ARE PROVIDED IN ACCORDANCE WITH RELEVANT FAN MANUFACTURERS STANDARDS AND ARE SUBJECT TO INDUSTRIAL ACCEPTED TOLERANCES d) CABLE PENETRATIONS SHOULD BE VIA HOLES CUT IN THE PANELS PLEASE SEE THE INSTALLATION OPERATION AND MAINTENANCE INSTRUCTIONS FOR ALL QUALITY, HEALTH, SAFETY AND ENVIRONMENTAL ISSUES THAT RELATE TO THE AHU AND THE AHU COMPONENTS. e) INSERTION LOSSES ARE DERIVED FROM STATIC TESTS CARRIED OUT IN ACCORDANCE WITH ISO7235. 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 APPLIED. f) ALL UNIT BASES ARE SUPPLIED WITH EITHER 55k OR 60k LIFTING HOLES TO LIFTING TOLES MUST BE EITHER 55k OR 60k. THE END PLATES REMAINING THE SLINGS ATTACHED & SECURED AND UNITS MUST BE REMOVED EQUIPMENT SUPPLIED BY OTHERS. IF CAP OFF. THESE WILL BE FITTED AT SITE BY OTHERS. h) FOR ANY SPARE PARTS OR FILTERS PLEASE CONTACT YOUR LOCAL DAIKIN REPRESENTATIVE.	(IF PRESENT)