

EQUIPMENT DATA SHEET										
DOCUMENT NUMBER:										
EQUIPMENT NAME:		Amiphitheater Air cooled Rooftop Package								
Rev.	Date	Design	Correct	Check	Approve	Rev. Description	PROJECT NAME:			
A00	403.08.29						PROJECT NUMBER:			
							CLIENT:			
No.	Description	Purchaser			Supplier			Rev.		
<b>1.00</b>	<b>GENERAL</b>									
1.01	EQUIPMENT NUMBER	FA-01 ROOFTOP								
1.02	EQUIPMENT NAME	Amiphitheater Air cooled Rooftop Package								
1.03	QTY	1	SET							
1.04	MANUFACTURER	TBA								
1.05	DUTY DESCRIPTION	1 DUTY								
1.06	OPERATING MODE	CONTINUOUS								
1.07	TYPE	SINGLE CASE TYPE, DIRECT EXPANSION								
1.08	INSTALL CONDITIONS	OUTDOOR								
1.09	BUILDING	Kordestan								
1.10	AREA CLASSIFICATION	Fresh Air South Zone								
1.11	SUMMER OUTDOOR:	43°C DB, 25°C WB								
1.12	SUMMER INTDOOR:	22°C, 40%~60%RH								
1.13	WINTER OUTDOOR:	-10°C DB								
1.14	WINTER INDOOR:	22°C, 40%~60%RH								
<b>2.00</b>	<b>EQUIPMENT &amp; DESIGN DATA</b>									
2.01	COMPRESSOR TYPE :	SCROLL/ DIGITAL SCROLL								
2.02	CONDENSER COIL & FIN MATERIAL :	COPPER TUBE WITH ALUMINIUM FIN								
2.03	UNIT TYPE (HORIZONTAL/VERTICAL):	HORIZONTAL/VERTICAL AIR DISCHARGE TYPE								
2.04	REFRIGERANT :	R-134A								
2.05	REFRIGERANT PIPE MATERIAL :	TYPE L COPPER AS PER ASTM								
2.06	REFRIGERANT PIPE INSULATION:	12 MM CLOSED CELL ELASTOMERIC								
2.07	CONDENSOR FANS TYPE & NOS. :	PROPELLER TYPE 4 NOS. (VENDOR TO SUGGEST NO.OF FANS)								
2.08	DESIGN AMBIENT TEMPERATURE :	42°C								
2.09	OPERATING AMBIENT TEMPERATURE :	38°C								
2.10	ACTUAL COOLING CAPACITY (KW) :	60 KW								
2.11	SUPPLY AIR VOLUME (CFM)	5000								
2.12	FRESH AIR VOLUME (CFM)	5000								
2.13	CASING MATERIAL :	GALVANIZED STEEL SHEETS								
2.14	SOUND POWER LEVEL @ 1 M FROM THE UNIT :	TBA								
2.15	TOTAL WEIGHT WITH REFRIGERANT:	*								
2.16	SATURATED SUCTION TEMPERATURE :	*								
2.17	CONDENSER PROTECTION WIRE GUARD:	REQUIRED						V		
2.18	REFRIGERANT PIPE CONNECTION SIZES :	*						Hz		
2.19	EQUIPMENT DIMENSION (LX WX H) :	*						V		
2.20	ELECTRIC POWER REQUIREMENT (KW):	*								
2.21	ELECTRIC SUPPLY (V, PH, HZ)	415 V (+- 10%), 1 PH 50 HZ (+- 2%)								
2.22	CONDENSER FAN IP CLASS :	IP 55								
2.23	CONDENSER FAN AIR VOLUME (LPS):	*								
2.24	UNIT TOTAL POWER CONSUMPTION (KW) :	*								
2.25	STARTING CURRENT :	*								
2.26	UNIT TYPE (FLOOR/CEILING MOUNTED) :	FLOOR LANDED								
2.28	NOMINAL HEATING CAPACITY (KW):	-								
2.29	COOLING COIL & FIN MATERIAL :	COPPER TUBES & ALUMINUM FINS								
2.30	NOMINAL AIR FLOW (LPS) :	STA								
2.31	AIR FLOW CONTROL (HIGH/MED/LOW) :	REQUIRED								
2.32	STATIC PRESSURE AT DIFFERENT SPEEDS (PA) :	STA								
2.33	HAZARD CLASS :	SAFE AREA								
2.34	CASING MATERIAL :	HEAVY STEEL GALVANIZED SHEET								
2.35	SOUND POWER @ 1 M FROM THE UNIT :	30 DBA MAX								
3.35	EXTERNAL FAN STATIC PRESSURE : inWG	0.7								
2.37	SUPPLY FAN TYPE :	FORWARD CURVED (*)								
2.38	LOCAL TEMPERATURE CONTROLLER	REQUIRED								
<b>3.00</b>	<b>INSTALLATION INFORMATION</b>									
3.01	UNIT DIMENSIONS (LXWXH), MM	STA								
3.02	FILTER PROPERTIES	WASHABLE+ BAG 60%								
3.03	DIVISION ASSEMBLY	SHALL BE PRESENTED BY THE MANUFACTURER								
3.04	UNIT WEIGHT, KG	STA								
<b>4.00</b>	<b>RELATED DRAWING NUMBER</b>									
4.01	PFD DWG. NUMBER									
4.02	LAYOUT DWG. NUMBER									
ALL THE EQUIPMENT CALCULATION AND SELECTION SHALL BE BASED ON THE DATASHEET AND ATTACHED CLIMATE REPORT & SITE CONDITION.										
(*) INDICATED APPROXIMATE DATA. FINAL DATA TO BE PROVIDED BY VENDOR/SUPPLIER.										
"STA" INDICATED DATA TO BE ADVISED BY VENDOR/SUPPLIER.										
"TBA" INDICATES INFORMATION TO BE ANNOUNCED DURING ORDERING STAGE.										