

DOCUMENT NUMBER:						
EQUIPMENT NAME:		Amipitheater Air cooled Rooftop Package				
Rev.	Date	Design	Correct	Check	Approve	Rev. Description
A00	403.08.25					
						PROJECT NAME:
						PROJECT NUMBER:
						CLIENT:
No.	Description					Purchaser
1.00	GENERAL					
1.01	EQUIPMENT NUMBER					FA-01 ROOFTOP
1.02	EQUIPMENT NAME					Amipitheater 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 -01
1.11	SUMMER OUTDOOR:					43°C DB, 25°C WB
1.12	SUMMER INTDOOR:					20°C, 40%-60%RH
1.13	WINTER OUTDOOR:					-10°C DB
1.14	WINTER INDOOR:					22°C, 40%-60%RH
2.00	EQUIPMENT & DESIGN DATA					
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 PROPELLER TYPE ,6 NOS.
2.07	CONDENSOR FANS TYPE & 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) :					90 KW
2.11	SUPPLY AIR VOLUME (CFM)					7500
2.12	FRESH AIR VOLUME (CFM)					7500
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
2.18	REFRIGERANT PIPE CONNECTION SIZES :					*
2.19	EQUIPMENT DIMENSION (LX WX H) :					*
2.20	ELECTRIC POWER REQUIREMENT (KW):					*
2.21	ELECTRIC SUPPLY (V, PH, HZ)					415 V (+- 10%), 3 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
3.00	INSTALLATION INFORMATION					
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
4.00	RELATED DRAWING NUMBER					
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.						