

TOLERANCE ON LINEAR DIM'S IF NOT SPECIFIED	
DIM RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	± 2
> 4000	± 3

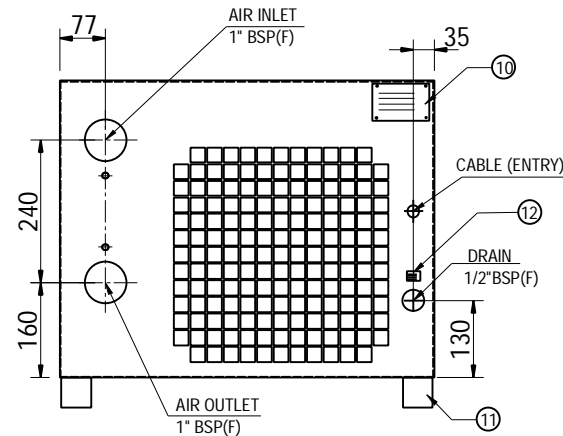
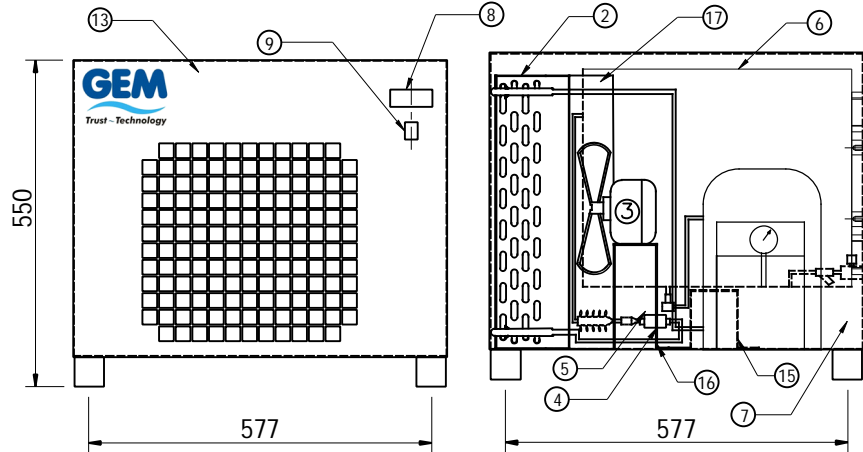
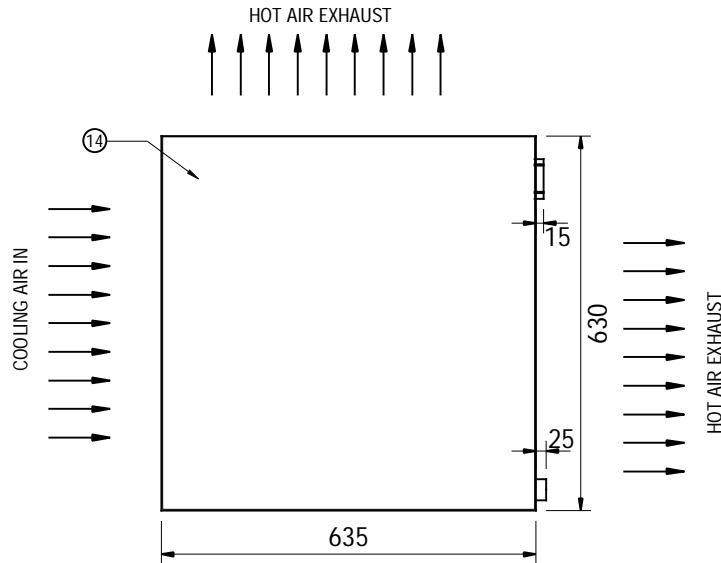
REMOVE ALL SHARP EDGES AND CORNERS.
MAINTAIN ALWAYS, THE MIDRANGE OF TOLERANCES.

POWDER COATING DETAILS:

NATURE OF POWDER : EPOXY POLYSTER (EP)
FRAME \ FINISH : OXFORD BLUE \ GLOSSY
ENCLOSURES \ FINISH : BROKEN WHITE \ GLOSSY
DFT : Min 60 μ
CURING TEMP : 180°c (10 minutes)

SPECIFICATION :

MODEL : 2KD 010
CAPACITY : 100 CFM
WORKING PRESSURE : 7 to 16 Kg/cm² (g)
INLET TEMPERATURE : 45°C (max)
OUTLET TEMPERATURE : 30-35°C
AMBIENT TEMPERATURE : 40°C (max)
IN/OUTLET SIZE : 1"BSP(F)
OUTLET DEWPOINT : +2°C TO +4°C
REFRIGERANT USED : R134a
ELECTRICAL : 220V±10%,50Hz,1Ph.
DESIGN CODE : IS 2825
DESIGN PRESSURE : 17.6 Kg/cm² (g)
HYD. TEST PRESSURE : 26.5 Kg/cm² (g)
POWER RATING : 0.72kw



NOTE:
REFER P&I DIAGRAM DRG.NO : 1024
REFER WIRING DIAGRAM DRG.NO : 1025
REFER BOM.NO : 002021

NO FOUNDATION REQUIRED

NOTE:
1. EXTENSION CABLE SHOULD BE SUPPLIED WITH 1m LONG
2. CABLE SIZE : 1.5sq.mm
3. 3 WIRE SYSTEM : P, N, E
4. RECOMMENDED MCB RATING - 5 amps

17	1023	FAN SHROUD	1	GI
16	1022	COOLER STAND	1	CRCA
15	1021	FAN STAND	1	CRCA
14	1020	TOP COVER	1	CRCA
13	1018	BOTTOM COVER WELDMENT	1	CRCA
12	7053 54	STICKER SET	1	CRYSTAL
11	8312 04	MOUNTING BUSH	4	GEM
10	1761 00	NAME PLATE REF DRYER	1	ALUMINIUM
9	3510 02	ON/OFF SWITCH	1	TEKNIC
8	1728 00	TEMPERATURE CONTROLLER	1	SUBZERO
7	4396 02	AUTO DRAIN VALVE(GZ HD)	1	GEM
6	4378 43	ALUMINIUM HEAT EXCHANGER WITH BUILT IN MOISTURE SEPARATOR	1	GEM
5	1059 01	HOT GAS BYPASS SOLENOID VALVE (1/4")	1	DANFOSS
4	1198 11	FILTER DRIER 3/8"(EK083S)	1	DANFOSS/ EMERSON
3	1821 02	FAN MOTOR Ø300mm	1	EBM
2	1142 06	CONDENSER(14"X14"X4R)	1	GEM
1	1450 08	COMPRESSOR (KCJ467HAG)	1	EMERSON
S.NO.	PARTCODE	DESCRIPTION	QTY	MAKE/ MATERIAL

NAME / SIGN		DATE
DESIGN	SARAVANAN/GOWTHAM	28.01.15
DRAWN	GOWTHAM	24.06.15
CHKD.		
APPD.		
MACHINED SURFACE AS PER IS : 2102(Med.)		
PROPERTY MATERIAL		
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GEM EQUIPMENTS (P) LTD
COIMBATORE - 641 407

TITLE
GA DRAWING
2KD 010(GLOBAL SERIES)

DRAWING No.	REV.
1017	1
A4	ALL DIMENSIONS ARE IN mm
6	SCALE NTS
7	SHEET 1 OF 1

1	29.07.16	POWDER COATING DETAIL IS ADDED	NAVEEN L				
REV.NO	DATE	REVISION DETAILS	ALT. BY	CHKD. BY	APPD. BY	AREA	DCR.No