

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

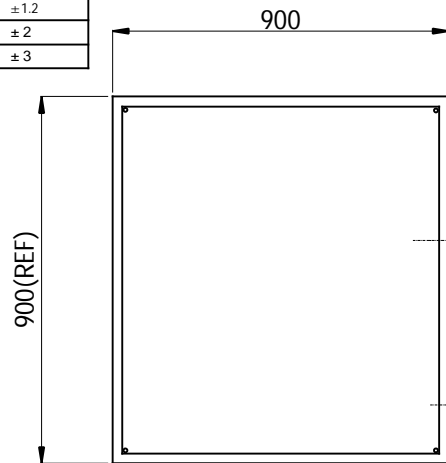
REMOVE ALL SHARP EDGES AND CORNERS.
MAINTAIN ALWAYS, THE MIDRANGE OF TOLERANCES.

SPECIFICATION :

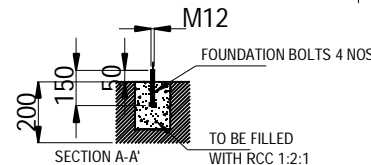
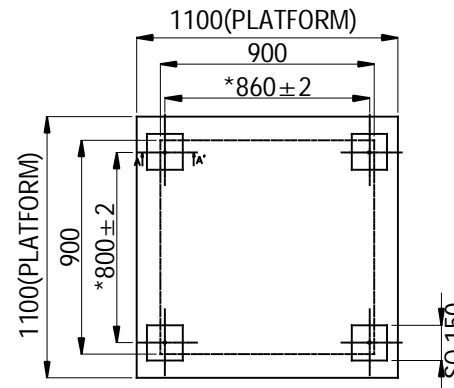
MODEL	: 2KD + 025B, 030B
CAPACITY	: 250,300CFM
WORKING PRESSURE	: 7-16 Kg/cm ²
INLET TEMPERATURE	: 45°C
AMBIENT TEMPERATURE	: 40°C
IN/OUTLET SIZE	: 2" BSP(F)
REFRIGERANT USED	: R134a
ELECTRICAL	: 415V, 50Hz, 3Ph.
DESIGN CODE	: IS 2825
DESIGN PRESSURE	: 17.6 Kg/cm ²
HYD. TEST PRESSURE	: 26.4 Kg/cm ²

POWDER COATING DETAILS:

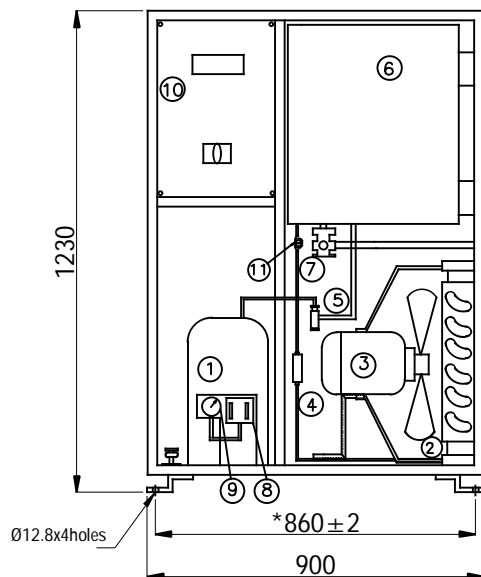
NATURE OF POWDER	: EPOXY POLYESTER (EP)
FRAME \ FINISH	: OXFORD BLUE \ GLOSSY
ENCLOSURES \ FINISH	: BROKEN WHITE \ GLOSSY
DFT	: Min 60 μ
CURING TEMP	: 180°C (10 minutes)



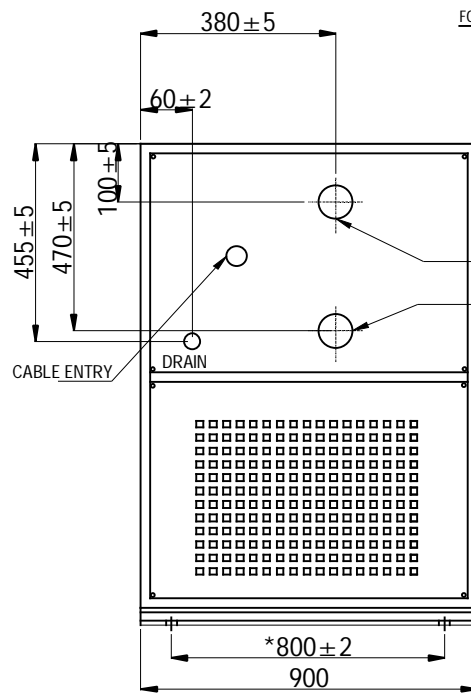
TOP VIEW



FOUNDATION DETAILS



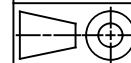
FRONT VIEW



RIGHT SIDE VIEW

11	1073 02	EXPANSION VALVE(TN2 ORIF NO3)	1	DANFOSS
10	1728 00	TEMPERATURE CONTROLLER	1	SUBZERO
9	1220 02	HIGH PRESSURE GAUGE (0-500psi)	1	WIKA
8	1278 04	HIGH PRESSURE SWITCH (KP5)	1	DANFOSS
7	4396 02	AUTO DRAIN VALVE(GZ-HD)	1	GEM
6	4378 46	ALUMINIUM HEAT EXCHANGER WITH MOISTURE SEPERATOR	1	GEM
5	1059 02	HOT GAS BYPASS SOLENOID VALVE (3/8")	1	DANFOSS
4	2252 04/ 1198 14	FILTER DRIER 3/8"(DML163S/EK163S)	1	DANFOSS/ EMERSON
3	1820 11	FAN MOTOR (Ø450mm)	1	EBM
2	1142 23	CONDENSER (22"x18"x4R)	1	GEM
1	1150 27/ 1158 84	COMPRESSOR (MTZ32/KCM519)	1	DANFOSS/ ECL
S.NO.	PART NO	DESCRIPTION	QTY.	MAKE

NAME / SIGN		DATE
DESIGN	N.GK	09.08.07
DRAWN	KARTHICK	16.07.16
CHKD.		
APPD.		



GEM EQUIPMENTS (P) LTD
COIMBATORE - 641 407

TITLE
GA DRAWING
2KD + 025 & 030

MACHINED SURFACE AS PER IS : 2102(Med.)
PROPERTY MATERIAL
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PROPERTY OF GEM EQUIPMENTS AND MAY NOT BE REPRODUCED USED OR
DISCLOSED WITHOUT THE WRITTEN PERMISSION OF GEM EQUIPMENTS.

DRAWING No.	REV.
2052	1
A4	ALL DIMENSIONS ARE IN mm
SCALE NTS	SHEET 1 OF 1

01	29.07.16	POWDER COATING DETAIL IS ADDED	NAVEEN L					
REV.NO	DATE	REVISION DETAILS	ALT. BY	CHKD. BY	APPD. BY	AREA	DCR.No	