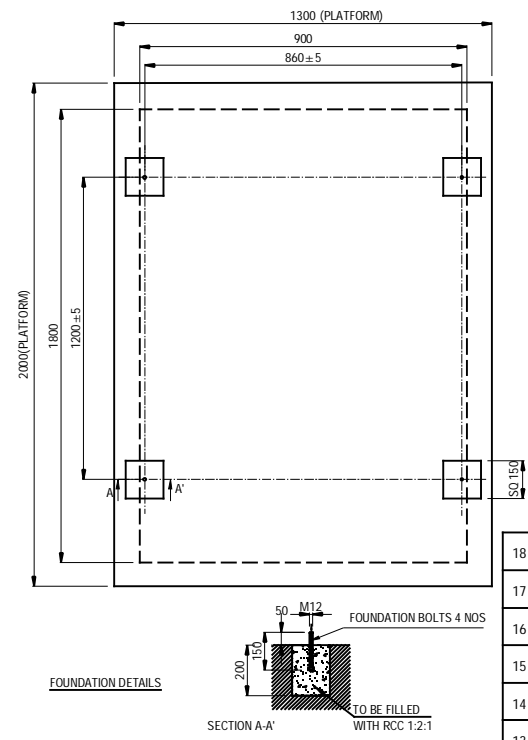
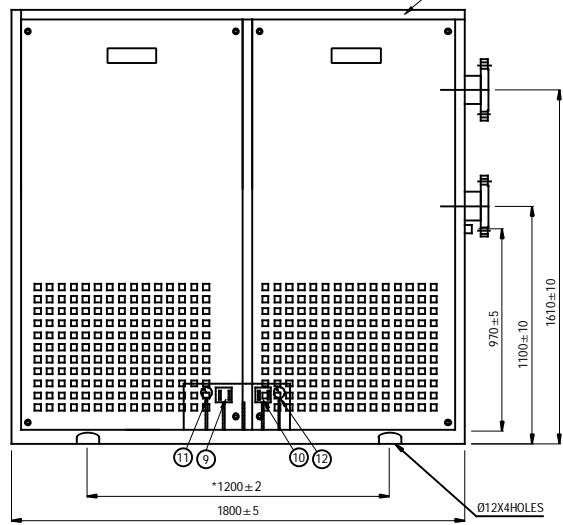
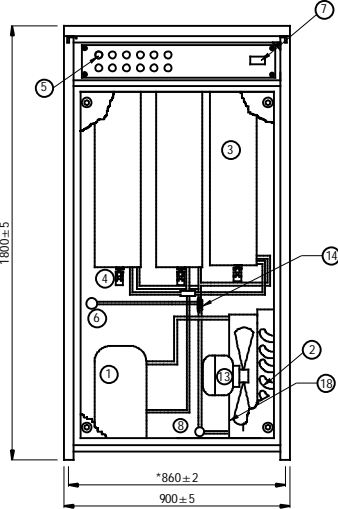
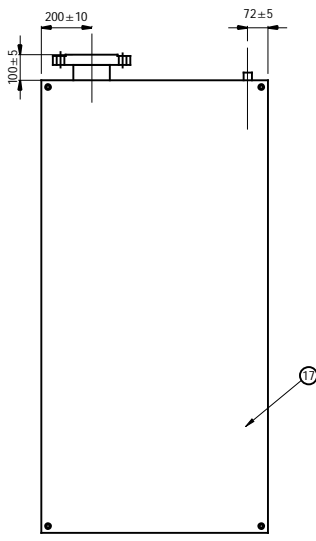


TOLERANCE ON LINEAR DIM'S IF NOT SPECIFIED	
DIM RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	± 2
>4000	± 3

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



SPECIFICATION:	
MODEL	: 2KD+250E
CAPACITY	: 2500 cfm
MAX.WORKING PRESSURE	: 7-16 Kg/cm <sup>2</sup> (g)
INLET TEMP.	: 45°C
OUTLET TEMP.	: 30°C-35°C
AMBIENT TEMP.	: 40°C
PR. DEWPOINT	: 2°C TO 4°C
INLET/OUTLET SIZE	: 6" NB ANSI FLG
REFRIGERANT USED	: R407 C
ELECTRICAL	: 415V±10%, 50 HZ, 3 PH.
DESIGN CODE	: IS 2825
DESIGN PRESSURE	: 17.6 Kg/cm <sup>2</sup> (g)
HYD.TEST PRESSURE	: 26.4 Kg/cm <sup>2</sup> (g)
POWER RATING	: 13.620kw
POWDER COATING DETAILS:	
NATURE OF POWDER	: EPOXY POLYESTER (EP)
FRAME/TOP DOOR	: AZURE BLUE / STRUCTURE
ENCLOSURES	: HAVELLS GREY / STRUCTURE
DFT	: Min 60 μ
CURING TEMP	: 180°c (10 minutes)

18	1090	FAN SHROUD WELDMENT	1	GI
17	1068	FRAME ASSEMBLY	1	—
16	1067	COVER ASSEMBLY	1	CRCA
15	1761 00	NAME PLATE REF DRYER	1	ALUMINIUM
14	124716	EXPANSION VALVE (TEZ12, ORIFICE NO:5)	1	DANFOSS
13	182010/ 182012	FAN MOTOR (Ø630mm) (throw type)	2	EBM
12	122003	LOW PRESSURE GAUGE (0-300 PSI)	1	WIKA
11	122002	HIGH PRESSURE GAUGE (0-500 PSI)	1	WIKA
10	127806	LOW PRESSURE SWITCH (KP1)	1	DANFOSS
9	127804	HIGH PRESSURE SWITCH (KP5)	2	DANFOSS
8	225206/ 119817	FILTER DRIER(EK305S)(5/8")	1	EMERSON
7	172800	TEMPERATURE CONTROLLER	2	SUBZERO
6	337002	HOT GAS BY-PASS VALVE (KVC-15)	1	DANFOSS
5	119901,2,3	PUSH BUTTON (START,STOP,RESET)	3	TEKNIC
4	439602	AUTODRAIN VALVE(GZ-HD)	3	GEM
3	4378 50	ALUMINIUM HEAT EXCHANGER WITH BUILT IN MOISTURE SEPARATOR	3	GEM
2	114249	AIR COOLED CONDENSER(60"x30"x6R)	1	GEM
1	114903/ 115902	COMPRESSOR (SZ185/ZR190)	1	DANFOSS/ EMERSON
S.NO.	PARTCODE	DESCRIPTION	QTY	MAKE/ MATERIAL

NOTE:  
REFER P&I DIAGRAM DRG.NO : 1093  
REFER WIRING DIAGRAM DRG.NO : 1094  
REFER BOM.NO : 002325  
REFER SPEC SHEET NO: D00168

NOTE:  
REFRIGERANT TO BE CHARGED ONLY IN LIQUID PHASE

NAME / SIGN		DATE
DESIGN	NANDHA KUMAR	24.08.15
DRAWN	GOWTHAM	24.08.15
CHKD.		
APPD.		
MACHINED SURFACE AS PER IS : 2102(Med.)		
PROPERTY MATERIAL		
THE INFORMATION AND IDEAS DISCLOSED IN THIS DRAWING IS THE EXCLUSIVE PROPERTY OF GEM EQUIPMENTS AND MAY NOT BE REPRODUCED USED OR DISCLOSED WITHOUT THE WRITTEN PERMISSION OF GEM EQUIPMENTS.		

GEM EQUIPMENTS (P) LTD COIMBATORE - 641 407	
TITLE GA DRAWING 2KD + 250E	
DRAWING No.	REV.
1092	0
A4	ALL DIMENSIONS ARE IN mm
SCALE NTS	SHEET 1 OF 1