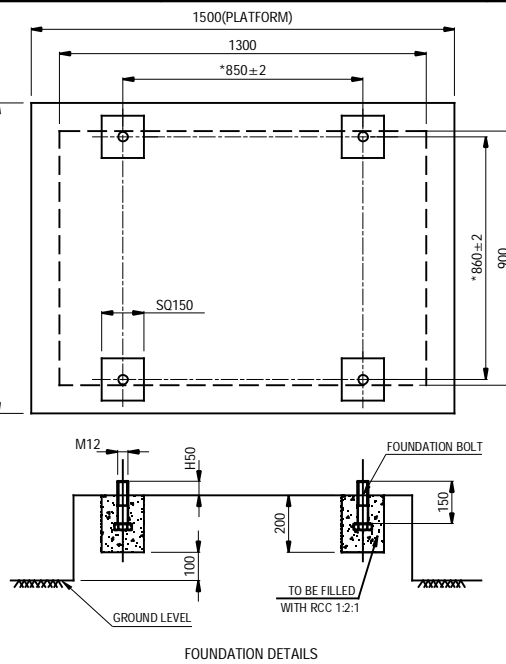
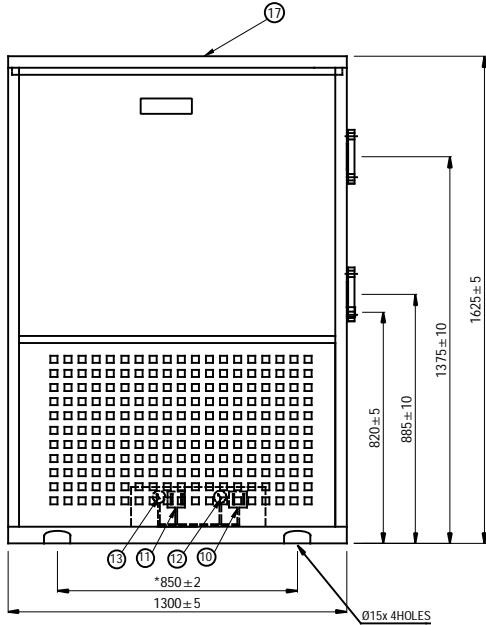
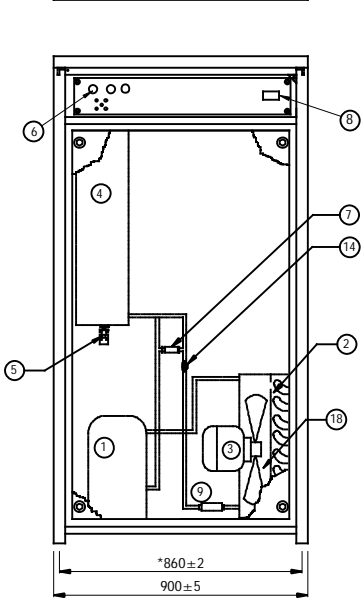
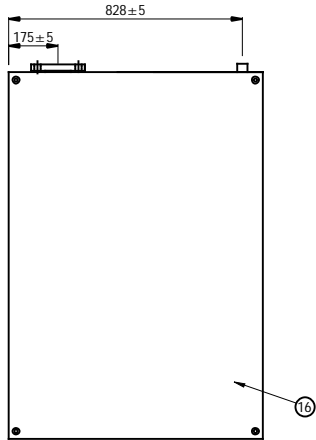


TOLERANCE ON LINEAR DIM'S IF NOT SPECIFIED	
DIM RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	± 2
>4000	± 3

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

POWDER COATING DETAILS:

NATURE OF POWDER : EPOXY POLYSTER (EP)  
FRAME/TOP DOOR : AZURE BLUE / STRUCTURE  
ENCLOSURES : HAVELLS GREY / STRUCTURE  
DFT : Min 60  $\mu$   
CURING TEMP : 180°C (10 minutes)

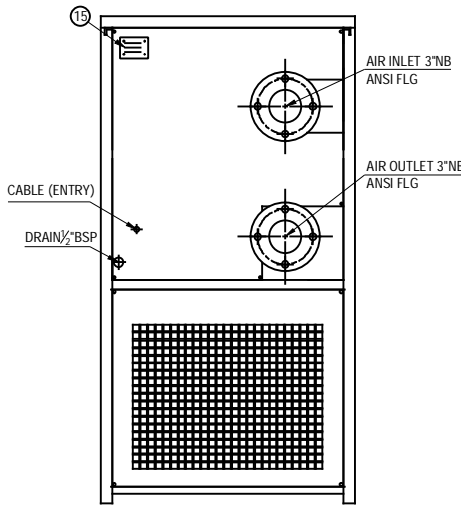


SPECIFICATION:	
MODEL	: 2KD + 100E
CAPACITY	: 1000CFM
WORKING PRESSURE	: 7-16 Kg/cm <sup>2</sup> (g)
INLET TEMP.	: 45°C
OUTLET TEMP.	: 30°C-35°C
AMBIENT TEMP.	: 40°C
PR. DEWPOINT	: 2 TO 4°C
INLET/OUTLET SIZE	: 3" NB ANSI FLG
REFRIGERANT USED	: R407C
ELECTRICAL	: 415 V, 50 HZ, 3 PH.
DESIGN CODE	: IS 2825
DESIGN PRESSURE	: 17.6 Kg/cm <sup>2</sup> (g)
HYD.TEST PRESSURE	: 26.4 Kg/cm <sup>2</sup> (g)
POWER RATING	: 6.130kW

18	1182	FAN SHROUD	1	GI
17	1156	FRAME WELDMENT	1	—
16	1155	COVER ASSEMBLY	1	CRCA
15	1761 00	NAME PLATE REF DRYER	1	ALUMINIUM
14	1247 15/ 1248 26	EXPANSION VALVE (TEZ 5,ORIFICE 2)	1	DANFOSS
13	122003	LOW PRESSURE GAUGE (0-300psi)	1	WIKA
12	122002	HIGH PRESSURE GAUGE (0-500psi)	1	WIKA
11	127806	LOW PRESSURE SWITCH (KP1)	1	DANFOSS
10	127804	HIGH PRESSURE SWITCH (KP5)	2	DANFOSS
9	225205/ 119851	FILTER DRIER (DML304S/EK304S)	1	DANFOSS/ EMERSON
8	172800	TEMPERATURE CONTROLLER	1	SUBZERO
7	337001	HOT GAS BYPASS VALVE (KVC12)	1	DANFOSS
6	119901,2,3	PUSH BUTTON (START,STOP,RESET)	3	TEKNIC
5	439602	AUTODRAIN VALVE(GZ-HD)	1	GEM
4	437850	ALUMINIUM HEATEXCHANGER WITH MOISTURE SEPERATOR	1	GEM
3	182011	FAN MOTOR (Ø450MM)	2	EBM
2	114220	AIR COOLED CONDENSER (36"x24"x6R)	1	GEM
1	115701/ 115700	COMPRESSOR (SZ084/ZR81)	1	DANFOSS/ EMERSON
S.NO.	PARTCODE	DESCRIPTION	QTY	MAKE

NOTE:  
REFER P&I DIAGRAM DRG.NO : 1187  
REFER WIRING DIAGRAM DRG.NO : 1188  
REFER BOM.NO : 002412  
REFER SPEC SHEET NO: D00164

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 + 100E
DRAWING No.	1153
REV.	0
A4	ALL DIMENSIONS ARE IN mm
SCALE	NTS
SHEET	1 OF 1