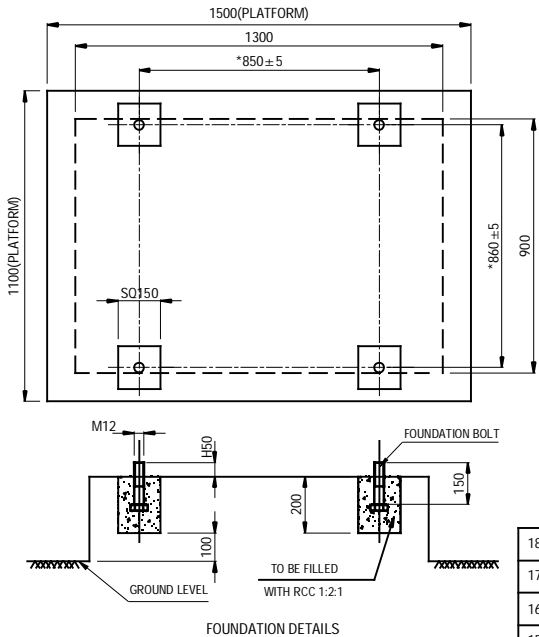
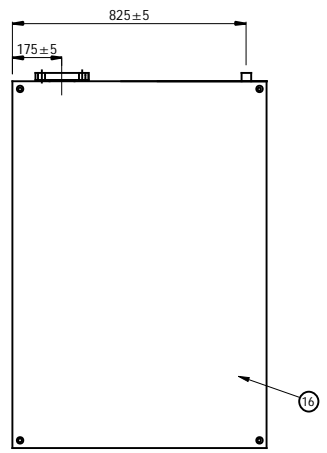


TOLERANCE ON LINEAR DIM'S IF NOT SPECIFIED	
DIM RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	± 2
>4000	± 3

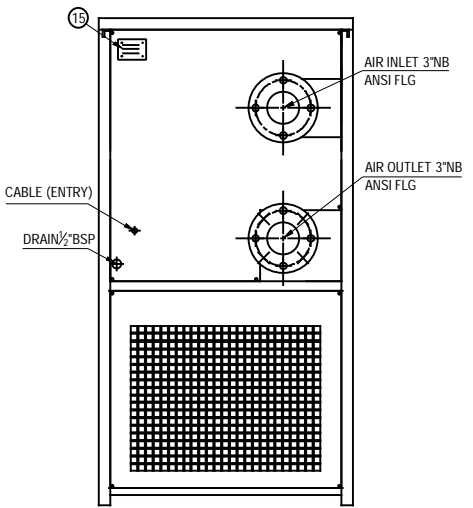
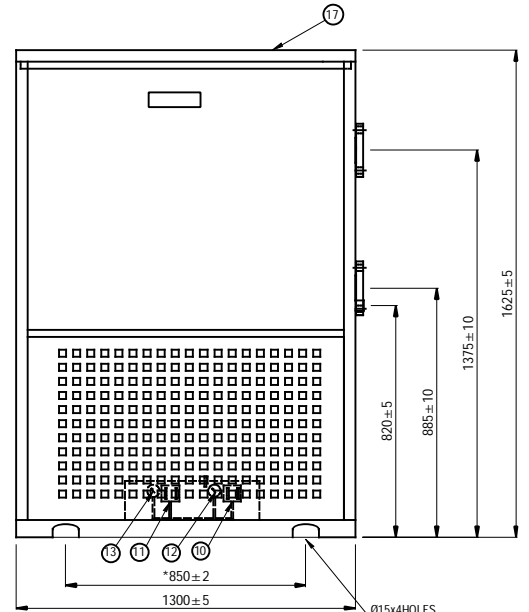
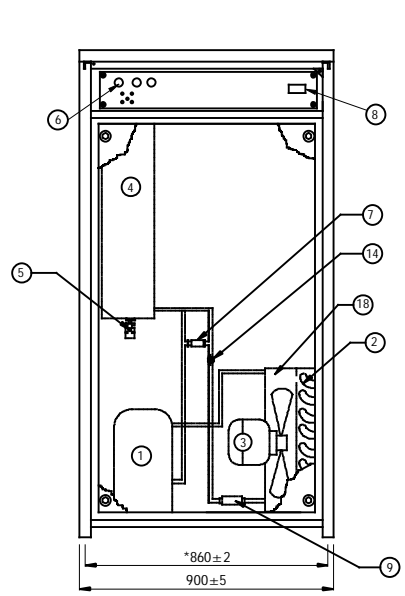
REMOVE ALL SHARP EDGES AND CORNERS.  
MAINTAIN ALWAYS, THE MIDRANGE OF TOLERANCES.

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 + 075E
CAPACITY	: 750CFM
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	: 415V±10%, 50 HZ, 3 PH.
DESIGN CODE	: IS 2825
DESIGN PRESSURE	: 17.6 Kg/cm <sup>2</sup> (g)
HYD.TEST PRESSURE	: 26.5 Kg/cm <sup>2</sup> (g)
POWER RATING	: 4.620kW



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 17/ 1248 32	EXPANSION VALVE (TEZ2/ORIFICE NO:4)	1	DANFOSS
13	1220 03	LOW PRESSURE GAUGE (0-300psi)	1	WIKA
12	1220 02	HIGH PRESSURE GAUGE (0-500psi)	1	WIKA
11	1278 06	LOW PRESSURE SWITCH (KP1)	1	DANFOSS
10	1278 04	HIGH PRESSURE SWITCH (KP5)	2	DANFOSS
9	2252 05/ 1198 51	FILTER DRIER (DML 304S/EK304S)	1	DANFOSS/ EMERSON
8	1728 00	TEMPERATURE CONTROLLER	1	SUBZERO
7	3370 01	HOT GAS BYPASS VALVE KVC-12	1	DANFOSS
6	1199 01,2,3	PUSH BUTTON (START,STOP,RESET)	3	TEKNIC
5	4396 02	AUTODRAIN VALVE (GZ-HD)	1	GEM
4	4378 49	ALUMINIUM HEAT EXCHANGER WITH BUILT IN MOISTURE SEPARATOR	1	GEM
3	1820 03/ 1820 11	FAN MOTOR (Ø450)	2	EBM
2	1142 21	CONDENSER (36"x24"x4R)	1	GEM
1	1150 20/ 1158 60	COMPRESSOR (MTZ64/ZR61)	1	DANFOSS/ EMERSON
S.NO.	PARTCODE	DESCRIPTION	QTY	MAKE

NOTE:

REFER P&I DIAGRAM DRG.NO : 1183  
REFER WIRING DIAGRAM DRG.NO : 1184  
REFER BOM.NO : 002334  
REFER SPEC SHEET NO: D00163

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		
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**GEM EQUIPMENTS (P) LTD**  
**COIMBATORE - 641 407**

TITLE		GA DRAWING 2KD + 075E
DRAWING No.	1151	REV. 0
A4	ALL DIMENSIONS ARE IN mm	SCALE NTS SHEET 1 OF 1

REV.NO	DATE	REVISION DETAILS	ALT. BY	CHKD. BY	APPD. BY	AREA	DCR.No
1	2	3	4	5	6	7	8