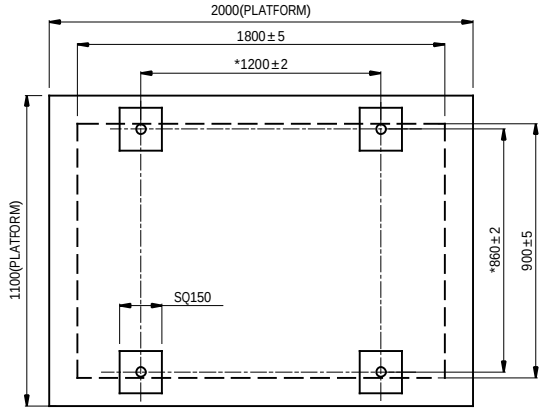
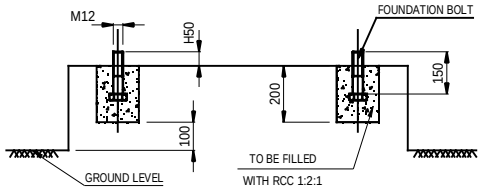
TOLERANCE ON LINEAR DIM'S IF NOT SPECIFIED	
DIM RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	± 2
>4000	± 3

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 μ
CURING TEMP	: 180°c (10 minutes)

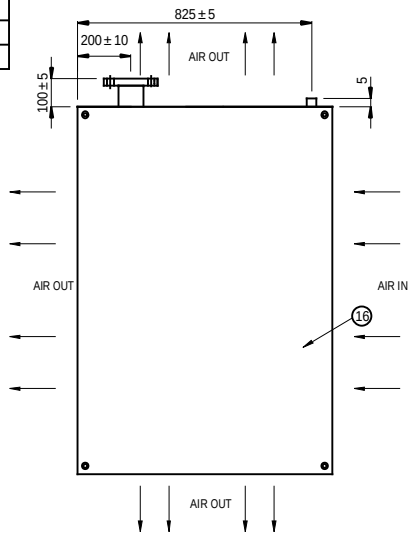


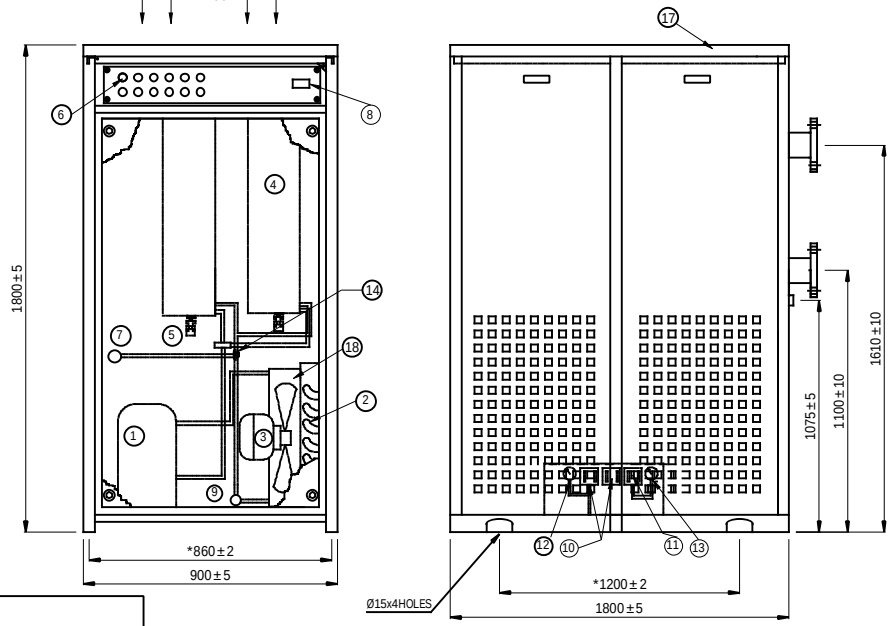


FOUNDATION DETAILS

SPECIFICATION :

MODEL	: 2KD+150E
CAPACITY	: 1500 cfm
WORKING PRESSURE	: 7-16 Kg/cm^2(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	: 5" NB ANSI FLG
REFRIGERANT USED	: R407C
ELECTRICAL	: 415 V, 50Hz,3Ph.
DESIGN CODE	: IS2825 Class II
DESIGN PRESSURE	: 17.6 Kg/cm^2(g)
HYD.TEST PRESSURE	: 26.4 Kg/cm^2(g)
POWER	: 8.980kW





S.NO.	PARTCODE	DESCRIPTION	QTY	MAKE
18	1250	FAN SHROUD	1	GI
17	1230	FRAME WELDMENT	1	—
16	1229	COVER ASSEMBLY	1	CRCA
15	1761 00	NAME PLATE REF DRYER	1	ALUMINIUM
14	1247 15	EXPANSION VALVE (TEZ5, ORIFICE:2)	1	DANFOSS
13	1220 03	LOW PRESSURE GAUGE (0-300 psi)	1	WIKA
12	1220 02	HIGH PRESSURE GAUGE (0-500 psi)	1	WIKA
11	1278 06	LOW PRESSURE SWITCH (KP1)	1	DANFOSS
10	1278 04	HIGH PRESSURE SWITCH (KP5)	2	DANFOSS
9	2252 06/ 1198 17	FILTER DRIER (5/8")DML305S/EK305S	1	DANFOSS/ EMERSON
8	1728 00	TEMPERATURE CONTROLLER	2	SUBZERO
7	3370 02	HOT GAS BYPASS VAVLE (KVC15)	1	DANFOSS
6	1199 01,2,3	PUSH BUTTON (START,STOP,RESET)	3	TEKNIC
5	4396 02	AUTODRAIN VALVE (GZ-HD)	2	GEM
4	4378 49	ALUMINIUM HEAT EXCHANGER WITH BUILT IN MOISTURE SEPARATOR	2	GEM
3	1820 11	FAN MOTOR (Ø450)	3	EBM
2	1142 29	AIR COOLED CONDENSER (60"x30"x4R)	1	GEM
1	1149 10	COMPRESSOR (SZ120/ZR125)	1	DANFOSS/ EMERSON

NOTE:
REFER P&I DIAGRAM DRG.NO : 1251
REFER WIRING DIAGRAM DRG.NO : 1252
REFER BOM.NO : 002398
REFER SPEC SHEET NO: D00166

NOTE:
REFRIGERENT TO BE CHARGED ONLY IN LIQUID PHASE

*-FOUNDATION DIMENSIONS

REV.NO	DATE	REVISION DETAILS	ALT. BY	CHKD. BY	APPD. BY	AREA	DCR.No

GEM Trust - Technology

	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+150E

DRAWING No. 1225
REV. 0

A4 | ALL DIMENSIONS ARE IN mm | SCALE NTS | SHEET 1 OF 1