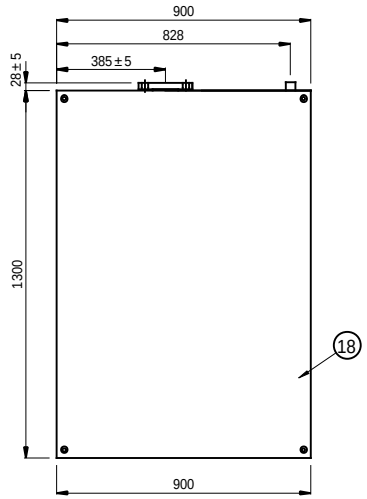
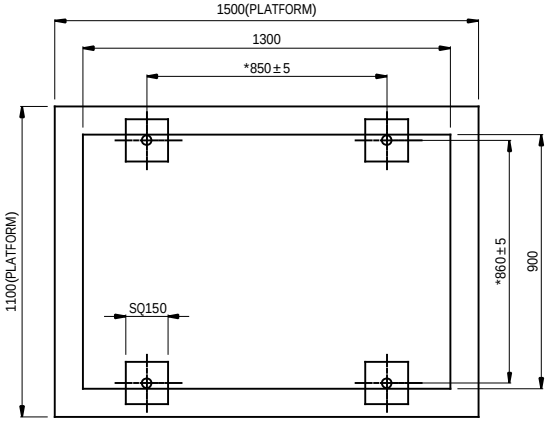
TOLERANCE ON LINEAR DIM'S IF NOT SPECIFIED	
DIM RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	± 2
> 4000	± 3

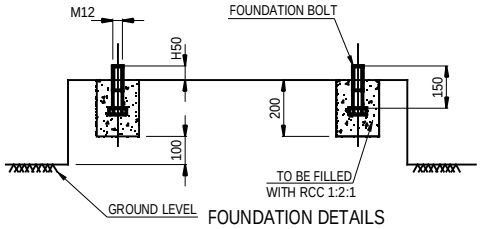
REMOVE ALL SHARP EDGES AND CORNERS.
MAINTAIN ALWAYS, THE MIDRANGE OF TOLERANCES.

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)



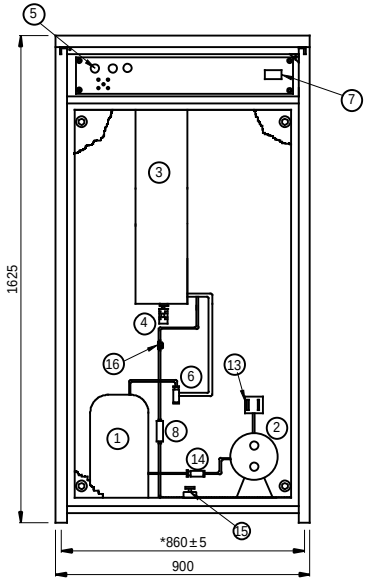


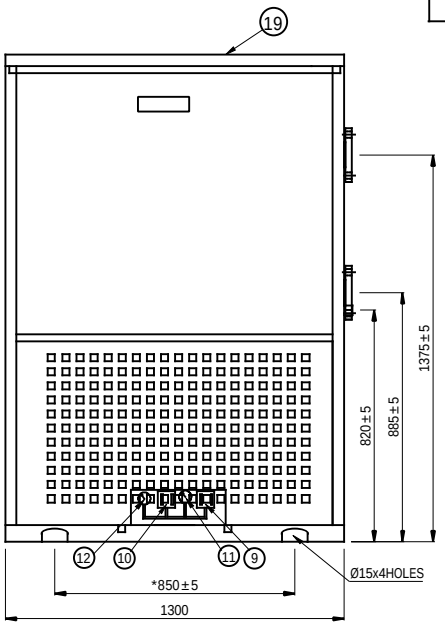


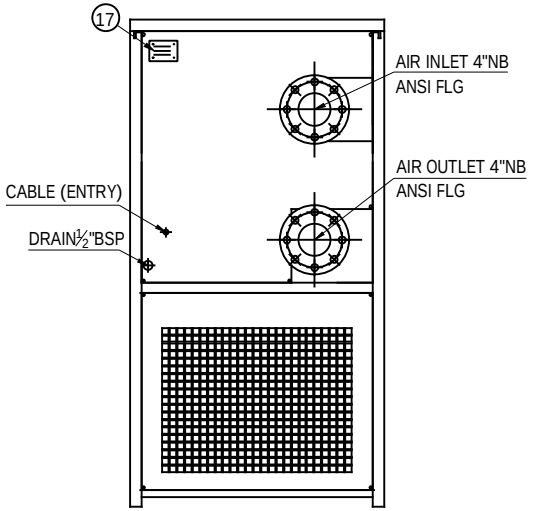
FOUNDATION DETAILS

SPECIFICATION:

MODEL	: 2KD+100F
CAPACITY	: 1000 CFM
WORKING PRESSURE	: 7-16 Kg/cm^2(g)
INLET TEMP.	: 45°C
OUTLET TEMP.	: 30-35°C
AMBIENT TEMP.	: 40°C
PR. DEWPOINT	: 2-4°C
INLET/OUTLET SIZE	: 4" NB ANSI FLG
REFRIGERANT USED	: R407C
ELECTRICAL	: 415 V, 50 HZ, 3 PH.
DESIGN CODE	: IS 2825 CLASS III
DESIGN PRESSURE	: 17.6 Kg/cm^2(g)
HYD.TEST PRESSURE	: 26.4 Kg/cm^2(g)
WATER FLOW RATE	: 70 lpm @ 2 TO 3 bar
POWER RATING	: 4.460kW







S.NO.	PARTCODE	DESCRIPTION	QTY	MAKE
19	1156	FRAME WELDMENT	1	—
18	1155	COVER ASSEMBLY	1	CRCA
17	1761 00	NAME PLATE REF DRYER	1	ALUMINUM
16	1247 13	EXPANSION VALVE (TEZ:5, ORIFICE:1)	1	DANFOSS
15	1172 01	HAND SHUTOFF VALVE (1/4")	1	CASTLE
14	1059 03	LIQUID LINE SOLENOID VALVE (1/2")	1	DANFOSS/ CASTLE
13	1278 06	WATER PRESSURE SWITCH (KP1)	1	DANFOSS
12	1220 03	LOW PRESSURE GAUGE (0-300Psi)	1	WIKA / AFRISO
11	1220 02	HIGH PRESSURE GAUGE (0-500Psi)	1	WIKA / AFRISO
10	1278 06	LOW PRESSURE SWITCH (KP1)	1	DANFOSS
9	1278 04	HIGH PRESSURE SWITCH (KP5)	1	DANFOSS
8	2252 05	FILTER DRIER (DML304S) (1/2")	1	DANFOSS
7	1728 00	TEMPERATURE CONTROLLER	1	SUBZERO
6	3370 01	HOT GAS BY-PASS VALVE (KVC12)	1	DANFOSS
5	1199 01,2,3	PUSH BUTTONS (START,STOP,RESET)	3	TEKNIC
4	4396 02	AUTODRAIN VALVE (GZ-HD)	1	GEM
3	4379 50	ALUMINIUM HEATEXCHANGER WITH MOISTURE SEPERATOR	1	GEM
2	1230 02	WATER COOLED CONDENSER (6"X36")	1	GEM
1	1157 01/ 1157 00	COMPRESSOR (SZ084/ZR081)	1	DANFOSS/ EMERSON

NOTE:
REFER P&I DIAGRAM DRG.NO : 1189
REFER WIRING DIAGRAM DRG.NO : 1190
REFER BOM.NO : 002350
REFER SPEC SHEET NO: D00174

NOTE:
REFRIGERANT 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+100F

DRAWING No. 1154
REV. 0

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