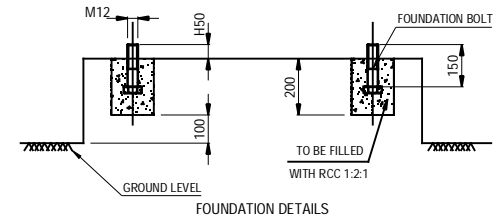
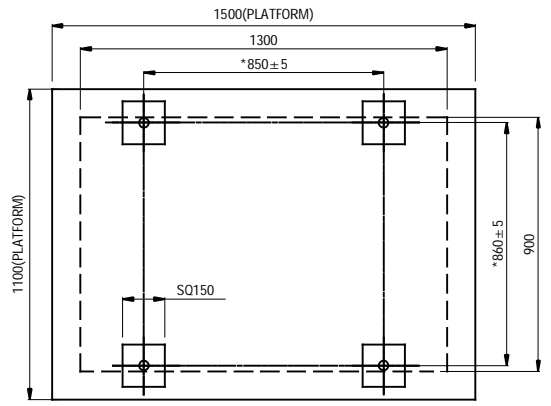
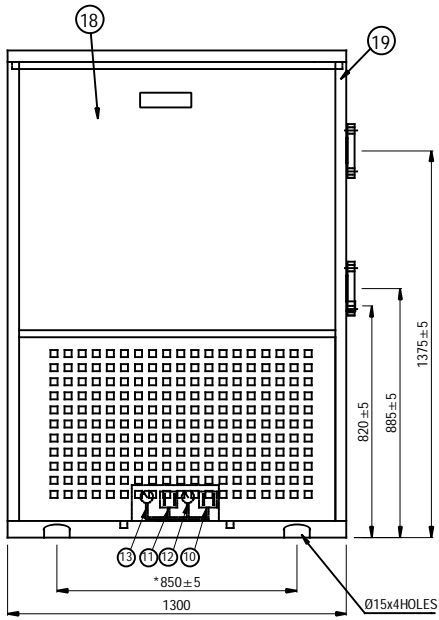
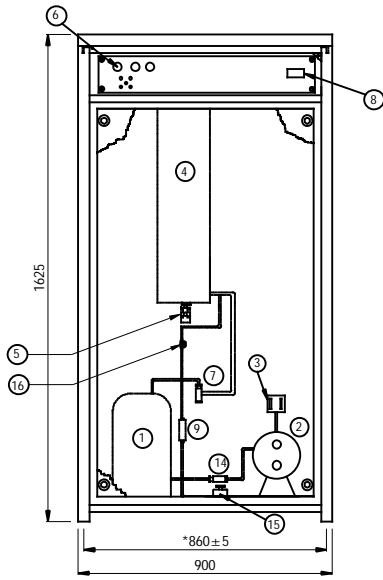
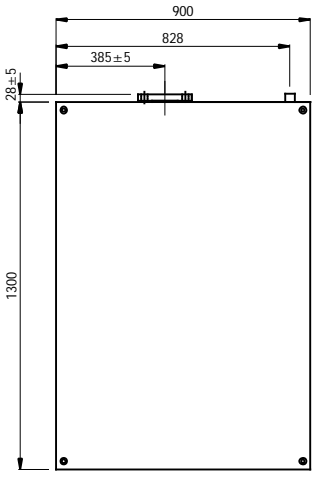


TOLERANCE ON LINEAR DIM'S IF NOT SPECIFIED	
DIM RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	± 2
>4000	± 3

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)




SPECIFICATION :

MODEL : 2KD+075F
CAPACITY : 750 CFM
WORKING PRESSURE : 7-16 Kg/cm²(g)
INLET TEMP. : 45°C
OUTLET TEMP. : 30-35°C
AMBIENT TEMP. : 40°C
PR. DEWPOINT : 2-4°C
INLET/OUTLET SIZE : 3" NB ANSI B16.5 Flg
REFRIGERANT USED : R407C
ELECTRICAL : 415 V, 50 HZ, 3 Ph.
DESIGN CODE : IS2825 CLASS II
DESIGN PRESSURE : 17.6 Kg/cm²(g)
HYD.TEST PRESSURE : 26.5 Kg/cm²(g)
WATER FLOW RATE : 60 lpm at 32-33°C
POWER RATING : 3.70kW

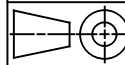
19	1156	FRAME WELDMENT	1	—
18	1155	COVER ASSEMBLY	1	CRCA
17	1761 00	NAME PLATE REF DRYER	1	ALUMINUM
16	1247 13	EXPANSION VALVE (TEZ:2, ORIFICE:4)	1	DANFOSS
15	1172 01	HAND SHUT OFF VALVE (1/4")	1	CASTLE
14	1059 03	LIQUID LINE SOLENOID VALVE (1/2")	1	DANFOSS/ CASTLE
13	1220 03	LOW PRESSURE GAUGE (0-300psi)	1	WIKA/ AFRISO
12	1220 02	HIGH PRESSURE GAUGE (0-500psi)	1	WIKA/ AFRISO
11	1278 06	LOW PRESSURE SWITCH (KP1)	1	DANFOSS
10	1278 04	HIGH PRESSURE SWITCH (KP5)	1	DANFOSS
9	2252 05	FILTER DRIER (DML304S) (1/2")	1	DANFOSS
8	1728 00	TEMPERATURE CONTROLLER	1	SUBZERO
7	3370 01	HOT GAS BY-PASS VALVE (KVC-12)	1	DANFOSS
6	1199 01,2,3	PUSH BUTTONS (START,STOP&RESET)	3	TEKNIC
5	4396 02	AUTODRAIN VALVE (GZ-HD)	1	GEM
4	4379 49	ALUMINIUM HEAT EXCHANGER WITH BUILT IN MOISTURE SEPARATOR	1	GEM
3	1278 06	WATER PRESSURE SWITCH (KP1)	1	DANFOSS
2	1230 02	WATER COOLED CONDENSER (6"X36")	1	ALFALAVAL
1	1150 20/ 1158 60	COMPRESSOR (MTZ64/ZR61)	1	DANFOSS/ EMERSON
S.NO.	PARTCODE	DESCRIPTION	QTY	MAKE

NOTE:
REFER P&I DIAGRAM DRG.NO : 1185
REFER WIRING DIAGRAM DRG.NO : 1186
REFER BOM.NO : 002417
REFER SPEC SHEET NO: D00173

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 + 075F

DRAWING No.
1152

REV.
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A4	ALL DIMENSIONS ARE IN mm	SCALE NTS	SHEET 1 OF 1
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