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

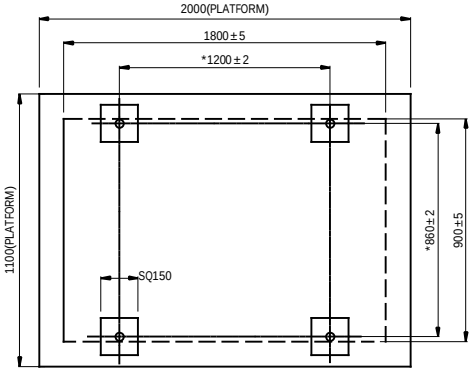
REMOVE ALL SHARP EDGES AND CORNERS.
MAINTAIN ALWAYS, THE MIDRANGE OF TOLERANCES.

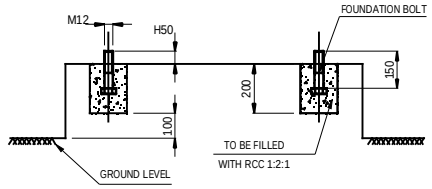
POWDER COATING DETAILS:

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)

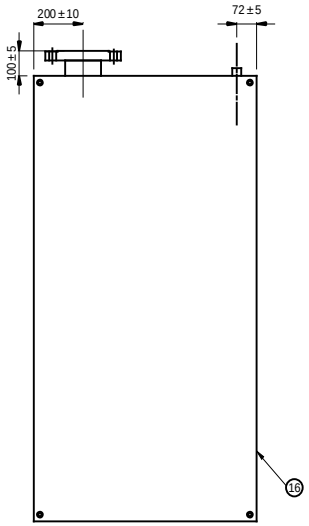
SPECIFICATION:

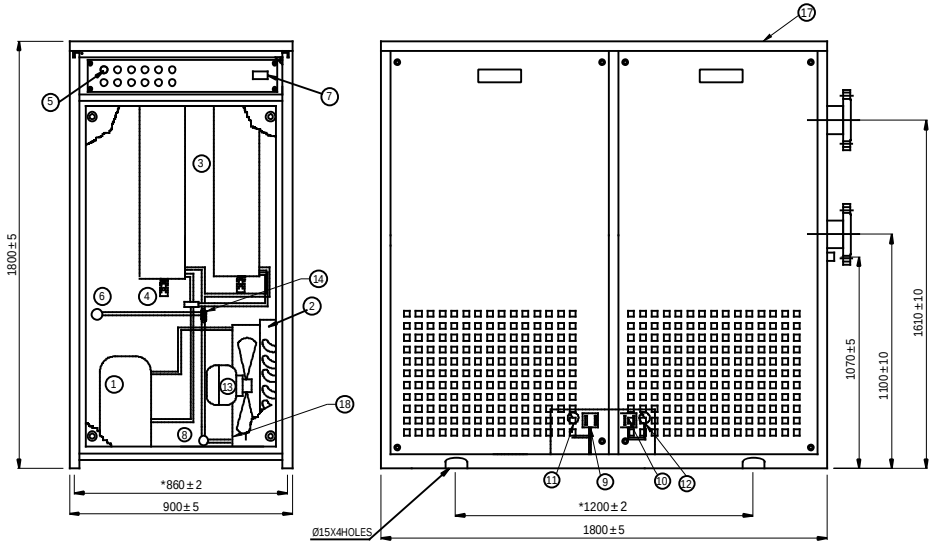
MODEL	: 2KD+200E
CAPACITY	: 2000 cfm
WORKING PRESSURE	: 7-16.0 Kg/cm^2(g)
INLET TEMP.	: 45°C
OUTLET TEMP.	: 30°C-35°C
AMBIENT TEMP.	: 40°C
PR. DEWPOINT	: 2°C TO 4°C
INLET/OUTLET SIZE	: 5" NB ANSI FLG
REFRIGERANT USED	: R407C
ELECTRICAL	: 415V±10%,50 HZ,3 PH.
DESIGN CODE	: IS 2825
DESIGN PRESSURE	: 17.6 Kg/cm^2(g)
HYD.TEST PRESSURE	: 26.4 Kg/cm^2(g)
POWER RATING	: 11.580kW

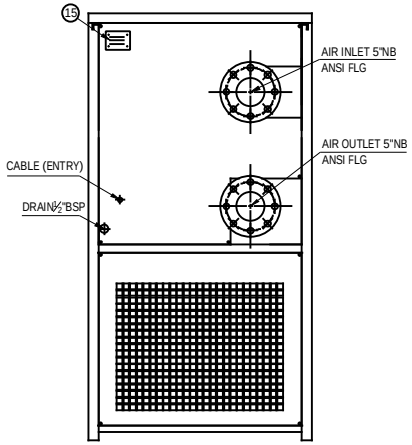




FOUNDATION DETAILS







S.NO.	PART CODE	DESCRIPTION	QTY	MAKE
18	1090	FAN SHROUD WELDMENT	1	GI
17	1230	FRAME WELDMENT	1	------
16	1229	COVER ASSEMBLY	1	CRCA
15	1761 00	NAME PLATE REF DRYER	1	ALUMINUM
14	1247 15	EXPANSION VALVE (TEZ:5, ORIFICE 3)	2	DANFOSS
13	1820 10	FAN MOTOR (Ø630)	2	DYNAMIC
12	1220 03	LOW PRESSURE GAUGE (0-300 PSI)	1	WIKA/
11	1220 02	HIGH PRESSURE GAUGE (0-500 PSI)	1	WIKA
10	1278 06	LOW PRESSURE SWITCH (KP1)	1	DANFOSS
9	1278 04	HIGH PRESSURE SWITCH (KP5)	2	DANFOSS
8	2252 06	FILTER DRIER (DML 305S/EK304S)	1	DANFOSS/ EMERSON
7	1728 00	TEMPERATURE CONTROLLER	3	SUBZERO
6	3370 02	HOT GAS BY-PASS VALVE (KVC-15)	1	DANFOSS
5	1199 01	PUSH BUTTON (START,STOP,RESET)	3	TEKNIC
4	4396 02	AUTODRAIN VALVE (GZ HD)	2	GEM
3	4378 50	ALUMINIUM HEATEXCHANGER WITH MOISTURE SEPERATOR	2	GEM
2	1142 46	AIR COOLED CONDENSER (60"x30"x6R)	1	GEM
1	1149 11/ 1159 03	COMPRESSOR (SZ160/ZR160)	1	DANFOSS/ EMERSON

NOTE:
REFER P&I DIAGRAM DRG.NO : 1255
REFER WIRING DIAGRAM DRG.NO : 1256
REFER BOM.NO : 002298
REFER SPEC SHEET NO: D00167

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

	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+200E

DRAWING No. 1227
REV. 0

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

F/DSN/022

FILE PATHDesign\Drawings\Product Master Documents\2KD+ - Refrigerant Dryers\Current Documents\2KD+200E \1227 2KD +200E GA