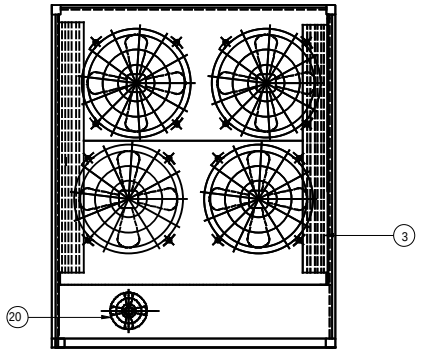
TOLERANCE ON LINEAR DIM'S IF NOT SPECIFIED	
DIM RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	±2
>4000	±3

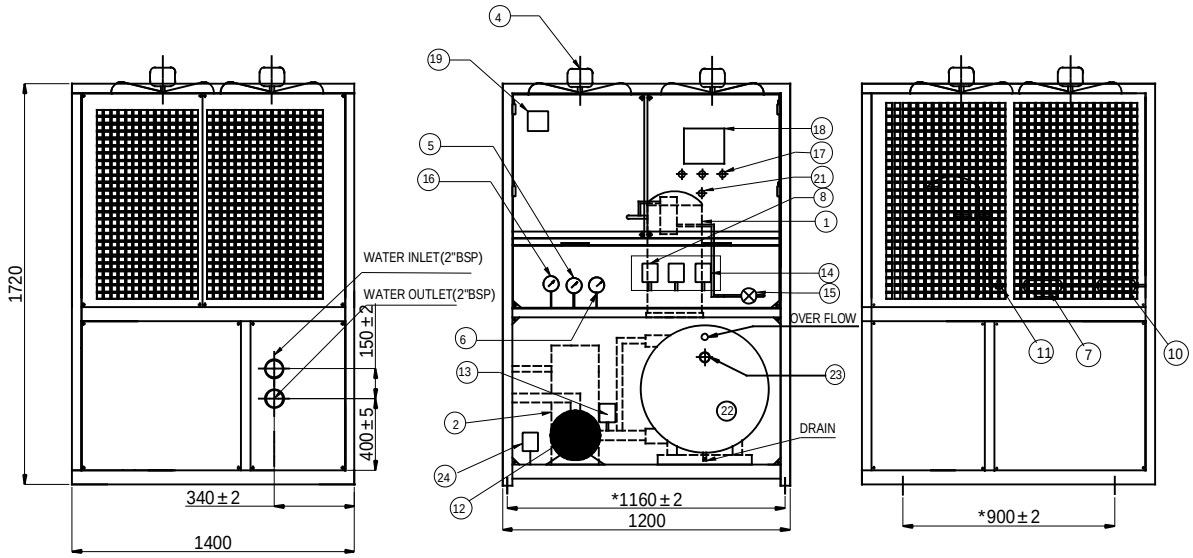
REMOVE ALL SHARP EDGES AND CORNERS.
MAINTAIN ALWAYS, THE MIDRANGE OF TOLERANCES.

SPECIFICATION :

MODEL NO.	: CHA100HH
TYPE	: AIR COOLED
CAPACITY	: 30000 Kcal/h
WORKING PRESSURE	: max 4-5 Kg/cm^2
AMBIENT TEMPERATURE	: 40°C
INLET TEMPERATURE	: 17°C
OUTLET TEMPERATURE	: 15°C
FLOW RATE	: 250 lpm
REFRIGERANT	: R22
INLET/OUTLET CONNECTION	: 2" BSP(F)
PRESSURE DROP	: 0.5 Kg/cm^2
WEIGHT	: 600 Kg (Appx)
POWER SUPPLY	: 415V/3P/50Hz
POWER RATING	: 12.5kw



TOP VIEW



SL.NO	PART NO	DESCRIPTION	QTY	MAKE
24	116907	ANTI FREEZING THERMOSTAT	1	DANFOSS
23	600703	FLOAT VALVE	1	GEM
22	1185 15	INTERNAL ROUND TANK (10Tr)	1	GEM
21	1199 01	EMERGENCY PUSH BUTTON	1	TEKNIC
20	1998 01	COOLING FAN	1	REXNORD
19	2115 04	ELECTRONIC HOOTER	1	MKAY/SG
18	4393 11	PLC CONTROLLER	1	SUBZERO
17	1747 06,7,8	INDICATING LAMP R,Y,B	3	TEKNIC
16	1113 03	WATER PRESSURE GAUGE (0-7Kg/cm^2)/(0-10Kg/cm^2)	1	WIKA
15	1247 11	EXPANSION VALVE TEX5(ORIFICE -3)	1	DANFOSS
14	1278 06	WATER PRESSURE SWITCH (KP1)	1	DANFOSS
13	8076 04	WATER FLOW SWITCH (1")	1	CASTLE
12	1398 37	CRI MHS-12/03 T-H	1	CRI
11	1172 04	HAND SHUTOFF VALVE (5/8")	1	CASTLE/DANFOSS
10	1050 04	LIQUID LINE SOLENOID VALVE (5/8")	1	DANFOSS/ CASTLE
9	1278 10	LOW PRESSURE SWITCH(KP1)	1	DANFOSS
8	1278 09	HIGH PRESSURE SWITCH(KP5)	2	DANFOSS
7	1198 06/ 1198 17	FILTER DRYER(DCL305S/EK305S)5/8"	1	DANFOSS/ EMERSON
6	1220 04	LOW PRESSURE GAUGE (0-300psi)	1	WIKA
5	1220 05	HIGH PRESSURE GAUGE (0-560psi)	1	WIKA
4	1820 11	FAN MOTOR (Ø450mm)	4	EBM
3	1142 47 / 1142 41	AIR COOLED CONDENSOR(42"x30"x4R)	2	GEM
2	4378 24	PLATE TYPE HEAT EXCHANGER V25THX40	1	SWEP
1	1149 16/ 1158 59	COMPRESSOR (SM120/ZR108)	1	DANFOSS/ ECL

NOTE:

AVM TO BE SUPPLIED ALONG WITH CHILLER
*-FOUNDATION DETAILS

	NAME/SIGN	DATE
DESIGN	NMK	09.11.09
DRAWN	RIZWAN	02.09.15
CHKD.		
APPD.		

GEM Trust ~ Technology

GEM EQUIPMENTS (P) LTD
COIMBATORE - 641 407

TITLE GA DRAWING CHA100HH

DRAWING No. 1260 REV 1

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	4/7/16	PUMP(BP5H40-1)TO BE REPLACED WITH(CRIMHS-12/03T-H)	KUMAR				

MACHINED SURFACE AS PER IS:2102(Med.)

PROPERTY MATERIAL

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