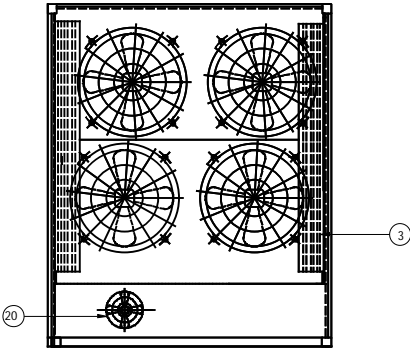
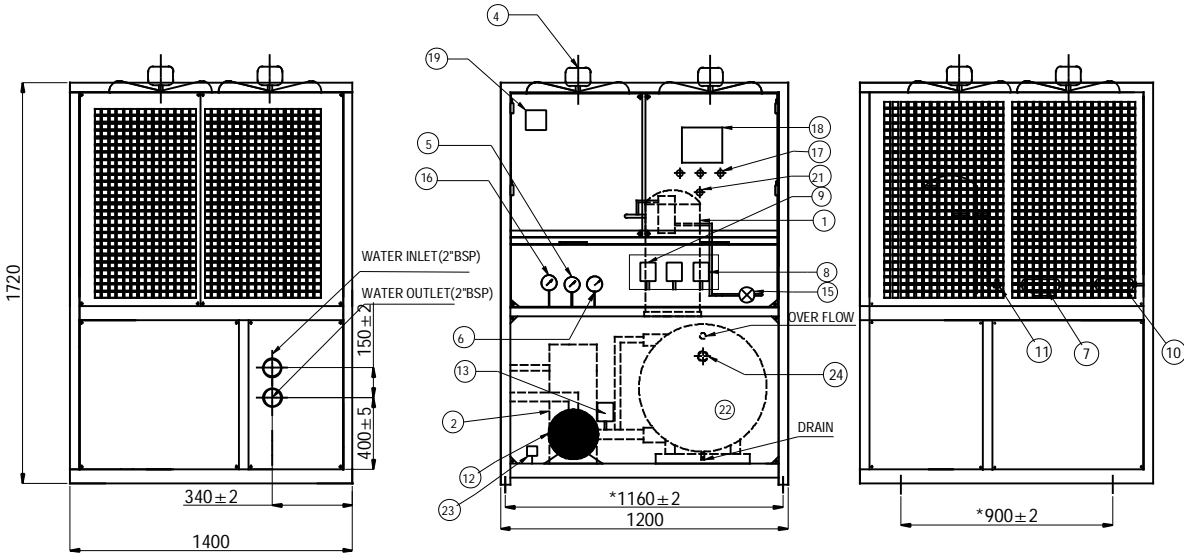


TOLERANCE ON LINEAR DIM'S IF NOT SPECIFIED	
DIM RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	±2
>4000	±3

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



TOP VIEW



NOTE:  
AVM TO BE SUPPLIED ALONG WITH CHILLER  
\*-FOUNDATION DETAILS

1	4/7/16	PUMP(BP5H40-1)TO BE REPLACED WITH(CRIMHS-12/03T-H)	KUMAR					
REV.No	DATE	REVISION DETAILS	ALT. BY	CHKD. BY	APPD. BY	AREA		

	NAME/SIGN		DATE
	DESIGN	NMK	09.11.09
	DRAWN	RIZWAN	02.09.15
	CHKD.		
	APPD.		
MACHINED SURFACE AS PER IS:2102(Med.)			
PROPERTY MATERIAL			
THE INFORMATION AND IDEAS DISCLOSED IN THIS DRAWING IS THE EXCLUSIVE PROPERTY OF GEM EQUIPMENTS AND MAY NOT BE REPRODUCED USED OR DISCLOSED WITHOUT THE WRITTEN PERMISSION OF GEM EQUIPMENTS.			

<b>GEM EQUIPMENTS (P) LTD</b> <b>COIMBATORE - 641 407</b>			
TITLE		GA DRAWING CHA100LH	
DRAWING No.		1440	REV 1
A4 ALL DIMENSIONS ARE IN mm		SCALE NTS	SHEET 1 OF 1

SPECIFICATION :	
MODEL NO.	: CHA100LH
TYPE	: AIR COOLED
CAPACITY	: 30000 Kcal/h
WORKING PRESSURE	: max 4 Kg/cm
AMBIENT TEMPERATURE	: 40°C
INLET TEMPERATURE	: 12°C
OUTLET TEMPERATURE	: 10°C
FLOW RATE	: 250 lpm
REFRIGERANT	: R22
INLET/OUTLET CONNECTION	: 2" BSP(F)
PRESSURE DROP	: 0.5 Kg/cm <sup>2</sup>
WEIGHT	: 600 Kg (Appx)
POWER SUPPLY	: 415V/3P/50Hz
POWER RATING	: 14.15kw

24	1246 15	FLOAT VALVE	1	GEM
23	2115 84	ANTI FREEZING THERMOSTAT	1	DANFOSS
22	1185 15	INTERNAL ROUND TANK	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 2 (0-7Kg/cm <sup>2</sup> )/(0-10Kg/cm <sup>2</sup> )	1	WIKA/AFRISO
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/CK305S)5/8"	1	DANFOSS/ EMERSON
6	1220 04	LOW PRESSURE GAUGE (0-300psi)	1	WIKA/AFRISO
5	1220 05	HIGH PRESSURE GAUGE (0-560psi)	1	WIKA/AFRISO
4	1820 11	FAN MOTOR (Ø450mm)	4	LIONBALL/EBM
3	1142 47 1142 41	AIR COOLED CONDENSOR(42"x30"x4R)	2	GEM
2	4378 24	PLATE TYPE HEAT EXCHANGER V25THX40	1	SWEP/DANFOSS
1	1149 05/ 1158 51	COMPRESSOR (SM160/ZR160)	1	DANFOSS/ EMERSON
SL.NO	PART NO	DESCRIPTION	QTY	MAKE