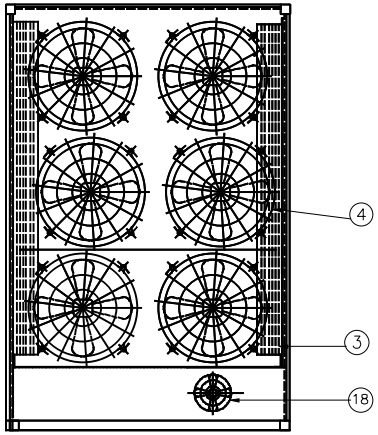
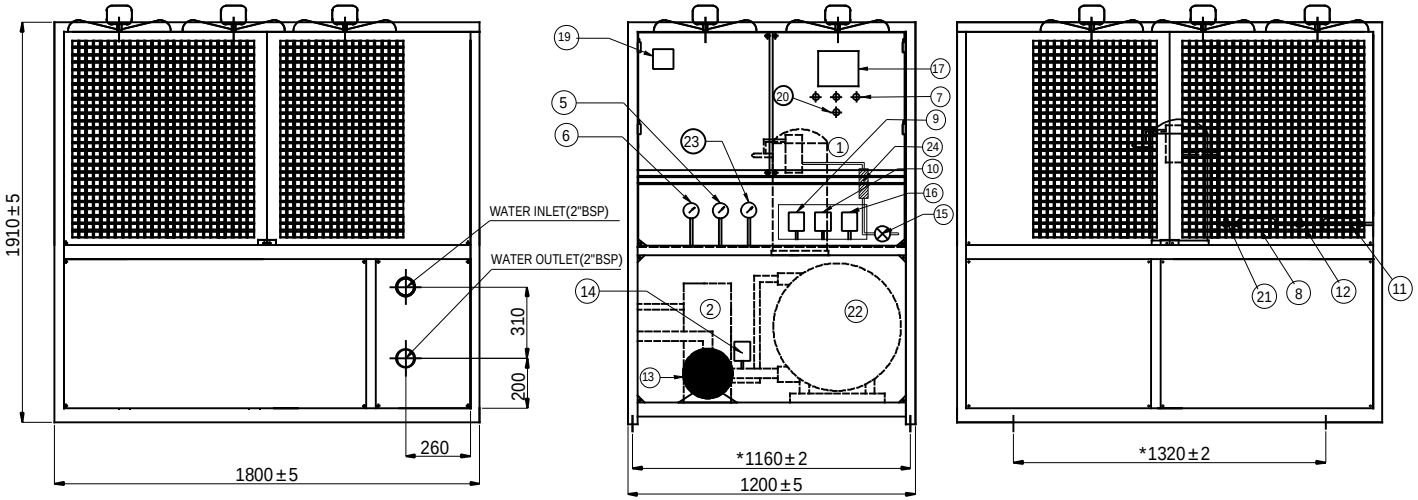
TOLERANCE ON LINEAR DIM'S IF NOT SPECIFIED	
DIM RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	±2
>4000	±3

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

SPECIFICATION :

MODEL NO.	: CHT150HH
TYPE	: AIR COOLED
CAPACITY	: 45000 Kcal/h
WORKING PRESSURE	: 4-5 Kg/cm^2
AMBIENT TEMPERATURE	: 40°C
INLET TEMPERATURE	: 18°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	: 900 Kg (Appx)
POWER SUPPLY	: 415V±10%/3P/50Hz
POWER RATING	: 16.5kw





SL.NO	PART NO	DESCRIPTION	QTY	MAKE
24	1458 01	VIBRATION ELIMINATOR - 7/8"	1	PACKLESS
23	6720 15/ 1113 02	WATER PRESSURE GAUGE (0-7KG/CM^2)/(0-10KG/CM^2)	1	WIKA/FIEBEG
22	1185 15	INTERNAL ROUND TANK	1	GEM
21	1172 01	HAND SHUT OFF VALVE 1/4"	2	CASTLE
20	2700 01	EMERGENCY PUSH BUTTON	1	SIEMENS
19	2115 04	ELECTRONIC HOOTER	1	SG/MKAY
18	2115 02	COOLING FAN	1	REXNORD
17	4393 11	PLC CONTROLLER (MICROCHILL)	1	SUBZERO
16	1278 06	WATER PR.SWITCH (KP1)	1	DANFOSS
15	1247 10	EXPANSION VALVE TEX12,ORIFICE6	1	DANFOSS
14	8076 04	WATER FLOW SWITCH (1")	1	CASTLE
13	1398 37	CRI MHS-12/03 T-H	1	CRI
12	1172 04	HAND SHUTOFF VALVE (5/8")	1	CASTLE/DANFOSS
11	1059 04	SOLENOID VALVE (5/8")	1	DANFOSS/ CASTLE
10	1278 10	LOW PRESSURE SWITCH (KP1)	1	DANFOSS
9	1278 11	HIGH PRESSURE SWITCH (KP5)	2	DANFOSS
8	1198 06/ 1198 17	FILTER DRYER (DCL305S/EK305S) 5/8"	1	DANFOSS
7	1747 06/07/08	INDICATING LAMP R,Y,B	3	TECHNIC
6	1220 04	LOW PRESSURE GAUGE (0-300psi)	1	WIKA/FIEBEG
5	1220 05	HIGH PRESSURE GAUGE (0-560psi)	1	WIKA/FIEBEG
4	1820 11	FAN MOTOR (Ø450mm)	6	EBM
3	1142 74/ 1142 75	AIR COOLED CONDENSOR(54"x36"x3R)	2	GEM
2	4378 63/ 4378 05	PLATE TYPE HEAT EXCHANGER B3-052-88-3.0-HO/V80Hx56	1	DANFOSS/SWEP
1	1149 15/ 1159 02	COMPRESSOR(SM185/ZR190)	1	DANFOSS/ EMERSON

NOTE:

AVM TO BE SUPPLIED ALONG WITH CHILLER
*-FOUNDATION DETAILS

	NAME/SIGN	DATE
DESIGN	SRIRAM	08.07.15
DRAWN	GOWTHAM	09.07.15
CHKD.		
APPD.		

GEM Trust ~ Technology

GEM EQUIPMENTS (P) LTD
COIMBATORE - 641 407

TITLE GA DRAWING CHA150HH

DRAWING No. 1447 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

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.