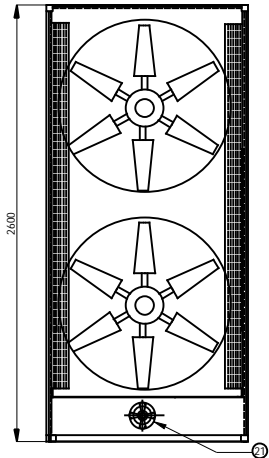
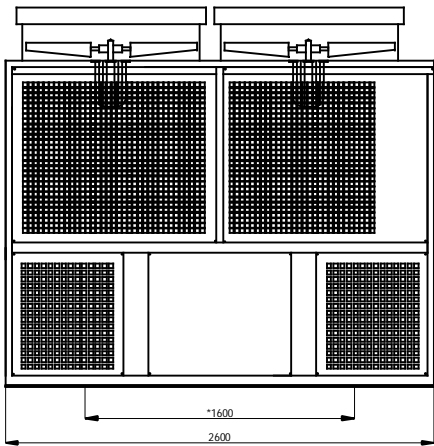


TOLERANCE ON LINEAR DIM'S IF NOT SPECIFIED	
DIM RANGE	ALLOWABLE LIMITS
OVER 0.5 TO 6	±0.1
OVER 6 TO 30	±0.2
OVER 30 TO 120	±0.3
OVER 120 TO 315	±0.5
OVER 315 TO 1000	±0.8
OVER 1000 TO 2000	±1.2
OVER 2000 TO 4000	±2
>4000	±3

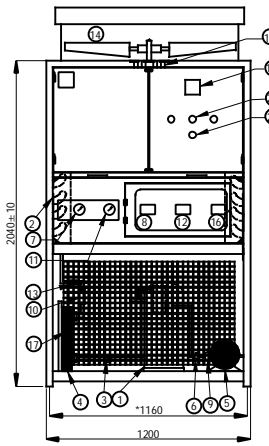
REMOVE ALL SHARP EDGES AND CORNERS.
MAINTAIN ALWAYS, THE MIDRANGE OF TOLERANCES.



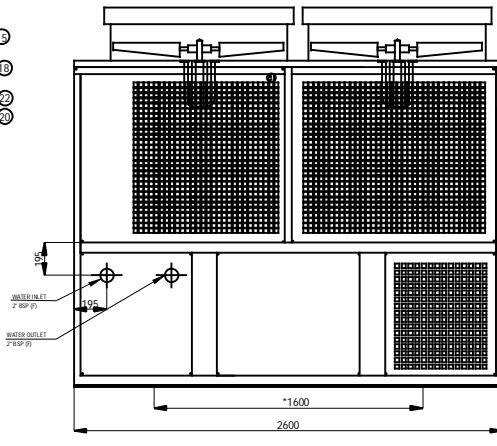
TOP VIEW



LEFT SIDE VIEW



FRONT VIEW



RIGHT SIDE VIEW

* - FOUNDATION DETAIL

SPECIFICATION :

MODEL NO.	: CHA 300HH
TYPE	: AIR COOLED
CAPACITY	: 90000 Kcal/h
WORKING PRESSURE	: 4 Kg/cm ²
INLET TEMPERATURE	: 18.3°C
OUTLET TEMPERATURE	: 15°C
AMBIENT TEMPERATURE	: 40°C
FLOW RATE	: 450 lpm
REFRIGERANT	: R22
INLET/OUTLET CONNECTION	: 2" BSP(F)
PRESSURE DROP	: 0.5 Kg/cm ²
WEIGHT	: 1800 Kg (Appx)
POWER SUPPLY	: 415V/3P/50Hz
POWER RATING	: 27.16Kw

22	1747 06,07,08	INDICATING LAMP R,Y,B	3	TEKNIC
21	1998 01	COOLING FAN	1	REXNORD
20	2700 01	EMERGENCY PUSH BUTTON	1	SIEMENS
19	2115 04	ELECTRIC HOOTER	1	SG/MKAY
18	4393 09	PLC CONTROLLER (MICRO CHILL)	1	SUBZERO
17	1278 06	WATER PRESSURE SWITCH (KP1)	1	DANFOSS
16	8076 04	WATER FLOW SWITCH (1")	1	CASTLE
15	1143 30	MOTOR (3HP,960RPM)	2	SIEMENS
14	6001 16	FAN (Ø1000mm,28.2 BORE)	2	WING FAN
13	7503 86	ANTI-FREEZE THERMOSTAT (KP61)	1	DANFOSS
12	1278 06	LOW PRESSURE SWITCH (KP1)	1	DANFOSS
11	1220 03	LOW PRESSURE GAUGE (0-300psi)	1	WIKA
10	1059 07	LIQUID LINE SOLENOID VALVE (7/8")	1	DANFOSS
9	1247 26	FILTER DCR04813S (7/8")	1	DANFOSS
8	1278 04	HIGH PRESSURE SWITCH (KP5)	1	DANFOSS
7	1220 05	HIGH PRESSURE GAUGE (0-560psi)	1	WIKA
6	1172 08	HAND SHUT OFF VALVE (7/8")	1	CASTLE/DANFOSS
5	1397 24	PUMP BP7.5H40-2	1	CRI
4	4378 71	PLATE TYPE HEAT EXCHANGER (V120Tx60)	1	DANFOSS
3	1247 47	EXPANSION VALVE TEX12(ORIFICE-8)	1	DANFOSS
2	1142 78 1142 79	AIR COOLED CONDENSER(84"X30"X6R)	2	GEM
1	1149 02 1159 08	COMPRESSOR (SY300/ZR280)	1	DANFOSS
S.No	PART NO	DESCRIPTION	QTY	MAKE

GEM Trust - Technology		NAME/SIGN	DATE
DESIGN	SARAN		07.07.14
DRAWN	KARTHICK		26.07.16
CHKD.			
APPD.			

GEM EQUIPMENTS (P) LTD COIMBATORE - 641 407		TITLE
		G A DRAWING CHA 300 HH

REV.No	DATE	REVISION DETAILS	ALT. BY	CHKD. BY	APPD. BY	AREA	DCR.No

MACHINED SURFACE AS PER IS:2102(Med.)	
PROPERTY MATERIAL	
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DRAWING No.	1459	REV	0
A4 ALL DIMENSIONS ARE IN mm SCALE NTS SHEET 1 OF 1			