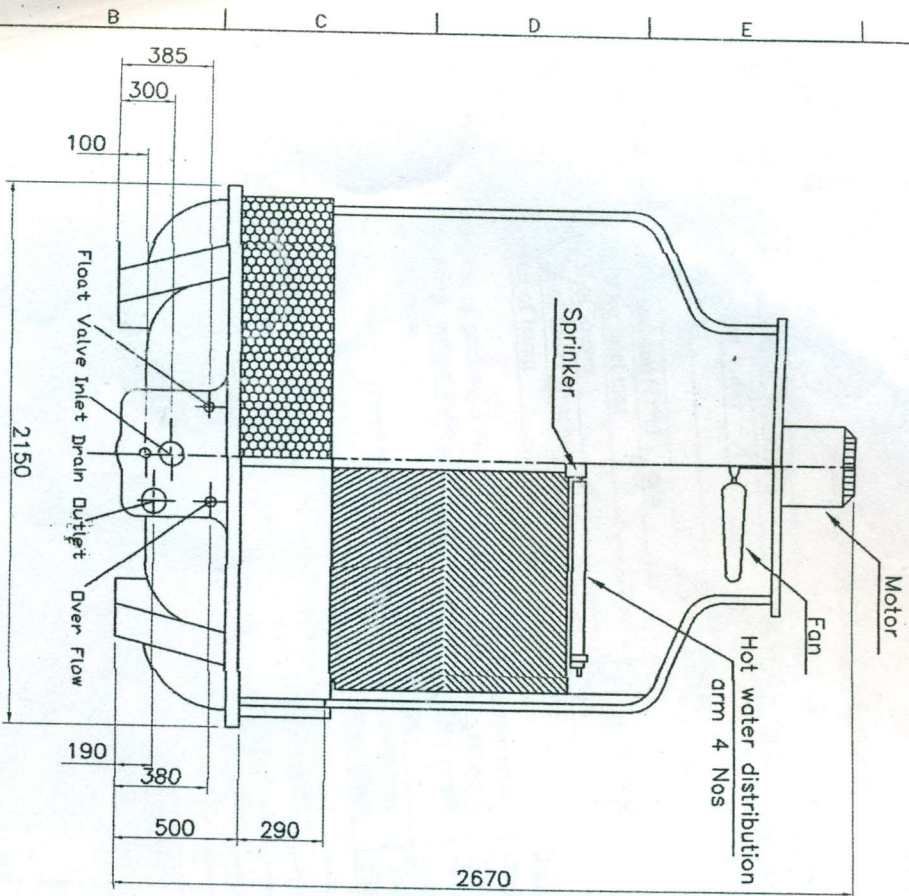


176/8
GEM EQUIPMENT LIMITED.,
Coimbatore, TN-641407.

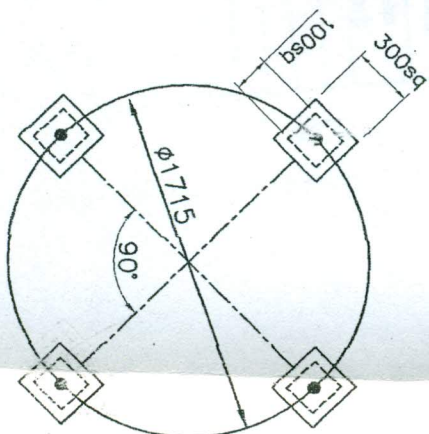
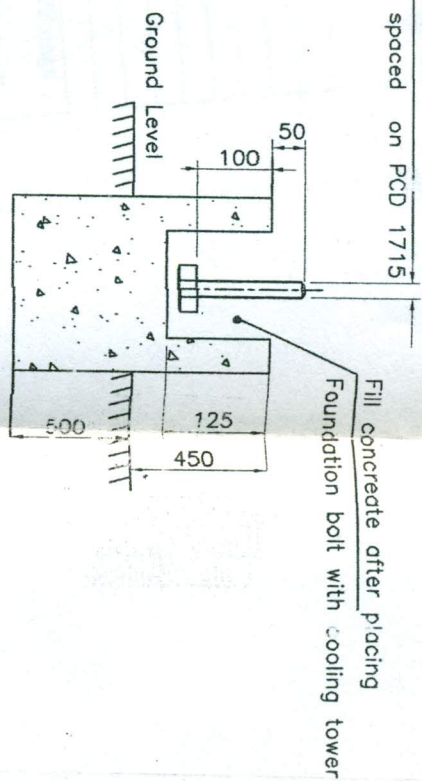
Spec No: GCT-09
Rev No. : R00.
Date : 04.03.08.

Technical Specification

BASE MODEL		GCT 080		
Type of cooling tower	Induced draft, Evaporative			
Model variance	L	H	P	
No. of cell	ONE			
Overall dimension (D*H) , mm	2150*2670			
Height of air inlet mm	290			
Material of louver	PLASTIC MESH			
Material of tower structure	FRP			
Material of basin	FRP			
Material of packing, Fills	Low temperature fills, 50deg C	High temperature fills, 85 deg C	PP rings	
Operating temperature ,Deg C			85 deg C	
Packing type	Honey comb type	Honey comb type	Pal rings	
Packing color	Transparent Blue / Black	Transparent Blue / Black	White /Black	
Auxiliary equipment				
Fan type	Axial flow			
No of fan	One			
Fan dia ,mm	1160			
Fan speed, rpm	950			
No. of blades/fan	6			
Material of blades	Aluminum alloy			
Material of hub	Cast aluminum			
Fan shaft	En-8			
Type of balancing	Dynamic			
Motor				
Quantity	One			
Power , H.P	3			
Speed , rpm	950			
Type	Tefc,ip-55 flanged with shaft			
Make	Hindustan			
Class of insulation	'F'			
Distribution piping				
Type	Rotating sprinkler-5"			
Material	Aluminum			
Design performance				
Spray loss max %	0.1			
Evaporation loss max %	0.59			
Inlet pipe	4" NB			
Outlet pipe	4" NB			
Fasteners				
Material of bolt and washer	S.S/G.I			
Operating Weight	1335			
Shipping Weight	335			
Contact surface area , sqft.	6750			
L/G ratio (Liquid/Gas)	1.63			



Fan ϕ d	Motor HP/RPM	Inlet	Outlet	Over Flow	Sump Capacity	Drain ϕ d
1160	3/950	4"NB	4"NB	1 1/2"NB	800	1 1/4"NB



All Dimensions Are In mm

GEM EQUIPMENTS LTD
COIMBATORE-641 407

TITLE
GA DRAWING GCT080L

THIRD ANGLE PROJ.
DRAWN
S.D

CHECKED

APPROVED

DATE 04.03.08

SIZE A3 DWG. NO. 061041

SCALE : NTS

SHEET

REV 1

FILE D:/DRAWINGS/STANDARD/GCT080L