

# TECHNICAL SHEET

## FRP INDUCED DRAUGHT COOLING TOWER

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### CMST-13

#### TECHNICAL SPECIFICATIONS

MODEL	CMST-13 ( 125 TR)
1. TYPE OF COOLING TOWER	INDUCED DRAFT
COOLING TOWER – NO. OF CELL	ONE
OVERALL DIMENSION (LxBxHmm)	2400 x 2400 x 3200
HEIGHT OF AIR INLET mm	500
MATERIAL OF LOUVER	PLASTIC MESH
MATERIAL OF TOWER STRUCTURE	FRP
MATERIAL OF PACKING	RIGID PVC DOUBLE EDGE FOLDED
TYPE	SQUARE TYPE
COLOUR	BLUE
2. AUXILIARY EQUIPMENT	
1. FAN TYPE	AXIAL FLOW
NO. OF FAN	ONE
DIA. OF FAN mm	1500
FAN RPM	960
NO. OF BLADES/FAN	4
MATERIAL OF BLADES	ALLUMINUM ALLOY/ PVC
MATERIAL OF HUB	ALLUMINUM ALLOY/ PVC
FAN SHAFT	EN – 8
TYPE OF BALANCING	DYNAMIC
2. MOTOR	
NO. OF MOTOR	ONE
MOTOR HP	7.5
RPM	960
TYPE	TEFC,IP-55 FLANGED WITH SHAFT
MAKE	SABAR
CLASS OF INSULATION	'F'
3. DISTRIBUTION PIPING	
TYPE	FIXED HEADER PIPE
MATERIAL	PVC, FRP COATED
4. DESIGN PERFORMANCE	
SPRAY LOSS MAX %	0.005
EVAP LOSS MAX %	0.83
5. INLET PIPE	140 mm
OUTLET PIPE	140 mm
6. HARD WARE	
MATERIAL OF BOLT AND WASHER	HDG
WEIGHT OF TOWER WITH WATER – kg.	1600
WEIGHT OF TOWER WITHOUT WATER – Kg	550
7. CONTACT SURFACE AREA - ft <sup>2</sup>	12750
8. L/G RATIO	1.69