



# NIRMAL COOLING SYSTEM

: TOTAL SOLUTION IN COOLING TOWERS  
**An ISO-9001 2015 CERTIFIED COMPANY**

A Complete Cooling and Fiber Solution Unit

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Ref. No: **NCS/HP/2022/187**  
**Thursday.06. jan. 2022**

TO, bhagvan singh

Kind attn: **Mr. sir**

Sub: **Your requirement of FRP Cooling Tower with basin**

Dear Sir,

This refers to the telephonic discussion had with the undersigned regarding your requirement of FRP cooling tower with basin capacity 80 TR. We thank you for the interest evinced in our products.

Now, we are submitting our lowest offer for FRP Cooling Tower Model No NCS-2020 HL-8 with basin along-with Technical Specification and Commercial Terms and Conditions.

However, if you feel any query or need more information please feel free to contact us.

Thanking you and waiting for your valued order.

Yours Faithfully,

**For**

**NIRMAL COOLING SYSTEM**

**Hiten patel**

**9979610274**

**8153922775**



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## TECHNICAL SPECIFICATIONS FOR FRP COUNTER FLOW SQUARE TYPE COOLING TOWER

Model NO	Model No NCS-2020 HL-8 (WITH FRP BASIN)
TYPE	FRP INDUCED DRAFT COUNTER FLOW SQUARE TYPE
OVER ALL DIMNSION ( L X W X HT)	1650mm X 1650mm X3450 mm
WEIGHT DRY / OPERATING	750 Kg / 960 Kg
<b>DESIGN OF TOWER</b>	
WATER FLOW IN LPM	1000 LPM
WATER INLET TEMP	37 DEG C
WATER OUTLET TEMP	32 DEG C
DESIGN WET BULB TEMP	28 DEG C
COOLINGCAPACITY IN KW	8.7 KW
INLET PRESSURE AT FLANGE	1.5 KG / CM2
Cooling capacity	2,44,000 kckal
<b>LOSSES</b>	
Evaporation Loss	0.09 % of Water Flow Rate
Drift Loss	0.03 % of Water Flow Rate
Ake-Up	1.00% of Water Flow Rate
<b>MATERIAL OF CONSTRUCTION</b>	
CASING	FRP MOLDED
BASIN	FRP MOLDED
WATER DISTRIBUTION SYSTEM	STEADY HEADER WITH ROTO JET TYPE SPRAY NOZZLE
SUPPORTING STRUCTURE	MS Hot Dip Galvanised
FILLS	PVC v bar
FAN BLADES /HUB	CAST Aluminium Alloy OR Engg.Plastic Molded
Motor Shaft	EN-8
NUT-BOLT	MS HDG
<b>AUXILARY EQUIPMENT</b>	
FAN/TYPE	Radhe Make Type Axial Flow type Direct driven
DIAMETER/SPEED	1240 mm / 960 RPM
ELECTRIC MOTOR TYPE	Squirrel cage & vertical flange mounted extended shaft type induction motor with weather proof IP-55 degree of protection
Total HP/RPM	2 HP 960 RPM
MAKE	NAVDEP MAKE
<b>CONNECTION</b>	
Inlet	40mm
Outlt	40mm
Overflow/Drain/Make-up	25/40/25 mm



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## PRICE

### Design, Manufacture and supply of Cooling Tower

DESCRIPTION	PRICE (Rs.)	QUANTITY	AMOUNT(Rs.)
Model – No NCS-2020 HL-8	Rs1,50,000/-	1 No	1,50,000/-
Transport charges extra			
<b>TOTAL AMOUNT</b>			

Note :-

GST – 18 % EXTRA ON BASIC AMOUNT

(Cooling tower should be supplied in unpack condition and prices are ex works,VAPI )

**SPECIFICATIONS** : In the line with our policy of continual improvement, we reserve the right to modify the design and change the specification of any material, if in our opinion such modification constitutes an improvement or is in accordance with revised standards or manufacturing method. Therefore, specifications, illustrations, dimension and weighs given in our catalogues, drawings or photographs are not binding in details.

### **OTHER TERMS & CONDITIONS :**

**Payment Terms** : Advance payment @ 50% along with the order and balance 50 % against Performa invoice prior to despatch.

**Delivery** : Within 10-15 days from the date of receipt of confirm order with advance payment.

**Inspection** : Only visual inspection of components of cooling tower can be allowed at our VAPI works. The cooling tower comes in to existence after assembly on foundation at site.

**Freight** : Cooling tower should be dispatch on freight to pay door / godown delivery basis.

**Validity** : Our offer is open and valid for acceptance for a period of 30 days from the date of offer.

**Warranty** : 15 Months from the date of despatch and 12 months from the date of erection.

**Exclusions** : The prices quoted do not include pump, piping, electrical wiring, civil work, starter etc.

**Erection** : Above cooling tower should be supply in dismantle condition, and we will depute our erection crew at site for erection work. Necessary facilities at the site to be provided free of cost, will include free electric power to portable tools. The cooling tower components should be handed over to our erector within 10 meters of place of installation. Hosting arrangement and scaffolding if required. Surplus materials received, if any shall be returned to us. We now look forward to the pleasure of receiving your valued order at an early date.

OFFICE: AT.PO.GOIMA (MOTA FALIYA) NEAR JALARAM TEMPLE.TA.PARDI.DI.VALSAD  
email;nirmalcoolingsystem@gmail.com, mobile:-9979610274

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# **NIRMAL COOLING SYSTEM**

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Thanks  
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HITEN PATEL  
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