



Members



**Design supply and construction
wet Cooling Tower
Water Treatment Units
and Water Transfer**



**Design, Fabrication and Installation of Axial Fan
with FRP Blade From 5 to 40 Feet in Diameter**

**Design, Fabrication and Installation of
Stainless Steel Power Transfer Shaft**

**Manufacturing Cooling Tower Parts: Diffuser, Fill,
Eliminator, Nozzles**

SERVICES: Engineering , Supply&Construction

Wet Cooling Tower

Mat : Concrete ,FRP

Incl: Pump station, Chemical packages, S.S.F



Water Treatment and Pump Station



Screening units

Mat: stainless steel ,lined C/S

Mesh:5mm to 100mm

Flocculator & clarifiers

Mat: Concrete, Steel

Incl: Mixing unit and Chemical dosing

Sand Filter

Mat: FRP ,CS, Concrete

Type: Vertical ,Horizonta ,Atmospheric ,Pressurized

Fill: Gravel and Coarse silica,Fine silica

Chemical Dosing And Chlorine Injection Packages

Dispersant ,Anti Scalant, Corrosion Inhibitor, Bioside

Sodium Hypochlorite

Caustic soda

Ozonation plant:up 100 kg/hr

Ozone generator: Up to 10kg/hr/Each

Feed: Oxygen,Air

Application:Pre ozonation,Post ozonation,Combination

R.O

99%TDS,TSS Removal

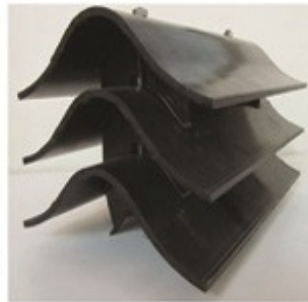
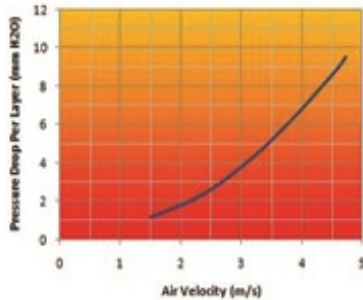


PRODUCTS: Cooling tower parts

1-DRIFT ELIMINATOR 2-FRP FAN STACK 3-NOZZLE & WATER DISTRIBUTION 4-PACKING 5-LUVRE

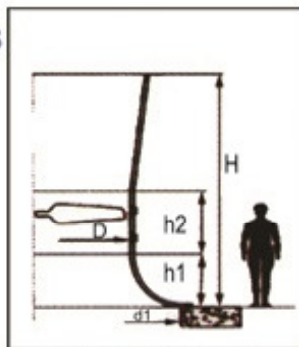
Drift Eliminator

Drift lost: Less than 0.01%
Mat: pp,pvc
Film & Sine Type

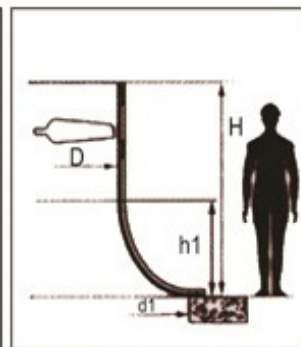


FRP Fan Stacks

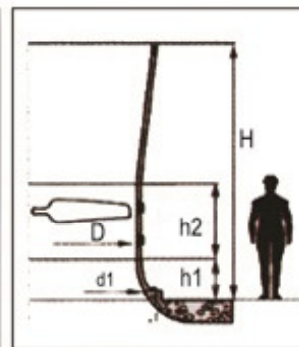
Uv Resistance
Low weight
Corrosion Resistance
Improved Air Foil



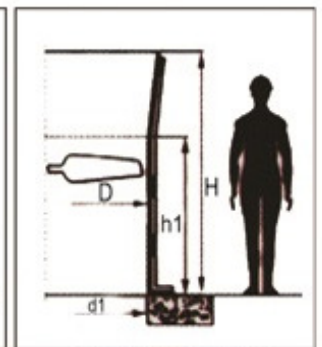
FAN STACK FDW TYPE



FAN STACK FDK TYPE



FAN STACK FDD TYPE



FAN STACK FDC TYPE

Nozzle & Water Distribution

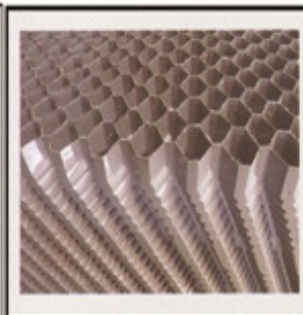
No Metallic Part
No Moving Part
Non Clogging
Long Life
Self Draining



NOZZLE	
Technical Data	FSN 35 SPPAY NOZZLE
Application	
Max water flow - ton/hr	9 - 9.5
Max pressure - bar	8
Material	pp
Max service temp - °C	85
Pip diameter	3-4-5-6-8-10

Packing

Mat:pp,pvc
Film
Splash



PACKING			
Technical Data	FFP1200	FFP1900	FFP2700
Standard Dimensions L/W/H-mm	2400×300×300		
Surface of exchange - mm	240	148	125
Flute Size - mm	12	19	27
Material	PVC UV Resistant , PP		
Water Load - l/m ² hr	30		
Distance of supports - mm	1000		
Dry weight - Kg/m ³	43	27	22
Average foil thickness - mm	0.30		
Service temp - °C	60		

Louvre

Mat:FRP
Chemical & Corrosive Resistant
Light weight
Easy Installation & Removal
Low air restriction



LOUVER	
Technical Data	FLE 65 LOUVER
Application	Counterflow Cooling Tower
Material	FRP
Weight - Kg/m ²	approx 0.2
Max air velocity - m/sec	4.5
Max service temp - °C	80

SUMMARY OF FARABARD PROJECTS

NO	COMPANY	UNIT	PLANT	CAPACITY(Ton/Hr)
1	Mobarakeh Steel	C/T	Oxygen & Galvanizing	4000
2	Tehran Oil Refining	C/T	2D	10000
3	Mobarakeh Steel	C/T	Continuous Casting	4000
4	Polynar Petrochemical	C/T	Petrochemical	1500
5	Mobarakeh Steel	C/T	Acid Transfer Pipeline	
6	Zagros Petrochemical	C/T	2nd Methanol	14000
7	Rahkar Sanaye Novin	C/T	Power plant	4000
8	Tehran Oil Refining	C/T	Rifinery	7000
9	Mobarakeh Steel	C/T	Power plant	3000
10	Tehran Oil Refining	C/T	Southern Cooling Tower	10220
11	Fars Regional Water Jointstock	WATER	Water Treatment Of Shiraz city In Dorodzan	1200
12	Fars Regional Water Jointstock	WATER	Water Quality Improvement of Shiraz Water Treatment With Ozone Generate & Injection .(o3)	6500
13	Shiraz Petrochemical	FAN PACKAGES	Fan Stack's Composition	32000



The activity of Farabard Co. is design, construction and manufacturing of industrial Wet Cooling Tower, water treatment plants , Axial fan packages started in early 1986 . The company has received clients confirmation in industrial water and cooling tower projects and fan packages . As a member of CTI Farabard Co . is a reliable Company with highly experienced staff which welcomes your enquiry about our services and products.

- **Farabard Co.**
Sarcheshmeh Road, Gouyom, Shiraz, Iran
P.O.Box: 71941/88
Tel: +987136713286
Fax: +987136713090
www.farabard.ir
Email: info@Farabard.ir