

FRP stacks

cooling tower application
up to 34 feet diameter



feature and benefits

progetto make fan stack has been designed for the greatest thermal efficiency, as well as superior strength. The parabolic shape enables high velocity recovery, resulting in maximizing static efficiency and reduced power cost.

Recovery stack shall be of proper shape to improve the fan performance. The height of the stack shall be sufficient to recover the velocity and discharge the humid air to a sufficiently high level to minimize recirculation. A minimum clearance between the stack and blades shall be maintained along the entire periphery of the stack to prevent the - rubbing of fan blades while rotating.

The fan stack consists of 100 percent fiberglass reinforced polyester, solid-wall laminate. Hollow rib pattern assures optimum strength and maximizes vibration dampening. Each stack is manufactured in easily assembled sections. Access door are available in each size of fan stack, and can be customized to meet customer specifications.

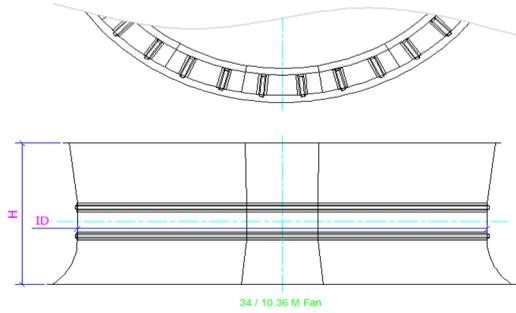
Since we have the ability to build our own patterns and molds, we can also offer a wider range of stack as per customer specifications.

performance improvement

- › Standard bell shape design.
- › 7 deg velocity exit cone.
- › Rib section design for more strength.
- › Superior raw material.
- › 4-18 segments for easy handling and installation.
- › Stainless steel fasteners.
- › Longer life.

focus on manufacturing

- › In house design and development of moulds and patterns.
- › Composite molding.
- › Separate moulds for each stack and door.
- › Rigid and solid structure.
- › Strong and easy to handle.
- › Quality standard material used.



SR. No	MODEL	FAN DIAMETER		INTERNAL DIAMETER	TOTAL HEIGHT
		D		ID	H
		Ft.	M	M	M
1	PS-4CT	4	1.22	1.28	0.35
2	PS-5CT	5	1.52	1.58	0.45
3	PS-6CT	6	1.83	1.89	0.45
4	PS-7CT	7	2.13	2.19	0.50
5	PS-8CT	8	2.44	2.50	0.55
6	PS-9CT	9	2.74	2.80	0.60
7	PS-10CT	10	3.05	3.11	0.70
8	PS-12CT	12	3.66	3.74	1.50
9	PS-14CT	14	4.27	4.35	2.50
10	PS-16CT	16	4.88	4.96	2.50
11	PS-18CT	18	5.49	5.57	3.00
12	PS-20CT	20	6.10	6.20	3.00
13	PS-22CT	22	6.71	6.81	3.00
14	PS-24CT	24	7.32	7.42	3.00
15	PS-26CT	26	7.93	8.03	3.00
16	PS-28CT	28	8.53	8.63	4.00
17	PS-30CT	30	9.14	9.24	4.00
18	PS-32CT	32	9.75	9.85	4.00
19	PS-33CT	33	10.00	10.10	4.00
20	PS-34CT	34	10.36	10.46	4.00

raw materials & standards

- Stack : Fibre Glass Reinforced Plastic Material Using Polyester Resins
- Fasteners : SS, MS Galvanized
- Standard : IS – 875- 1987 for wind velocity, AISI – 304, 316

our products are known for their advanced design
and premium quality

your water, power, time and cost saving solutions



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