



Water Cooling Towers



Visit us at www.deltatowers.com

Series DFC-60

The Water Cooling Experts....

We cool



Milestones towards Perfection



The company was incorporated in 1993 by experienced and professional entrepreneurs, who are committed to produce a quality range of products. Almost two decades of a strong, customer-focused approach and the continuous quest for world-class quality have enabled the company to attain and sustain leadership in all its major lines of business. The company comprises of professionally qualified persons having passed through the grass root level in sales, service and commitments.



As part of company's continuous improvement program, its facility has been certified to ISO 9001 by an accredited certification body. The brand DELTA is also backed by the All India approval with The E-In-C, Military Engineering Services (Ministry Of Defence).

DELTA COOLING TOWERS P LTD. has had an excellent track record, thanks to its focus on quality and customer care. Company's commitment towards "TOTAL CUSTOMER SATISFACTION" has been the driving force behind its climb near to the summit. Company constantly endeavors to fulfill this commitment by emphasizing on quality, reliability and service.



With persistent dedication towards quality management Delta has successfully become the leader in acquiring quality certifications and approvals by various departments. No doubt Delta's struggle to perfection has been acclaimed as a milestone in the industry.



APPLICATIONS

- Air Conditioning & Refgn. Systems
- Compressors & Chillers
- Injection & Blow Moulding Machines
- Diesel Generator Sets
- Induction Furnace
- Process Cooling
- Chemical Process
- Pharmaceutical Industries
- Oxygen Plants
- Welding Machines
- Extruders
- Dry Cleaning Machines
- And many more.....



Applications



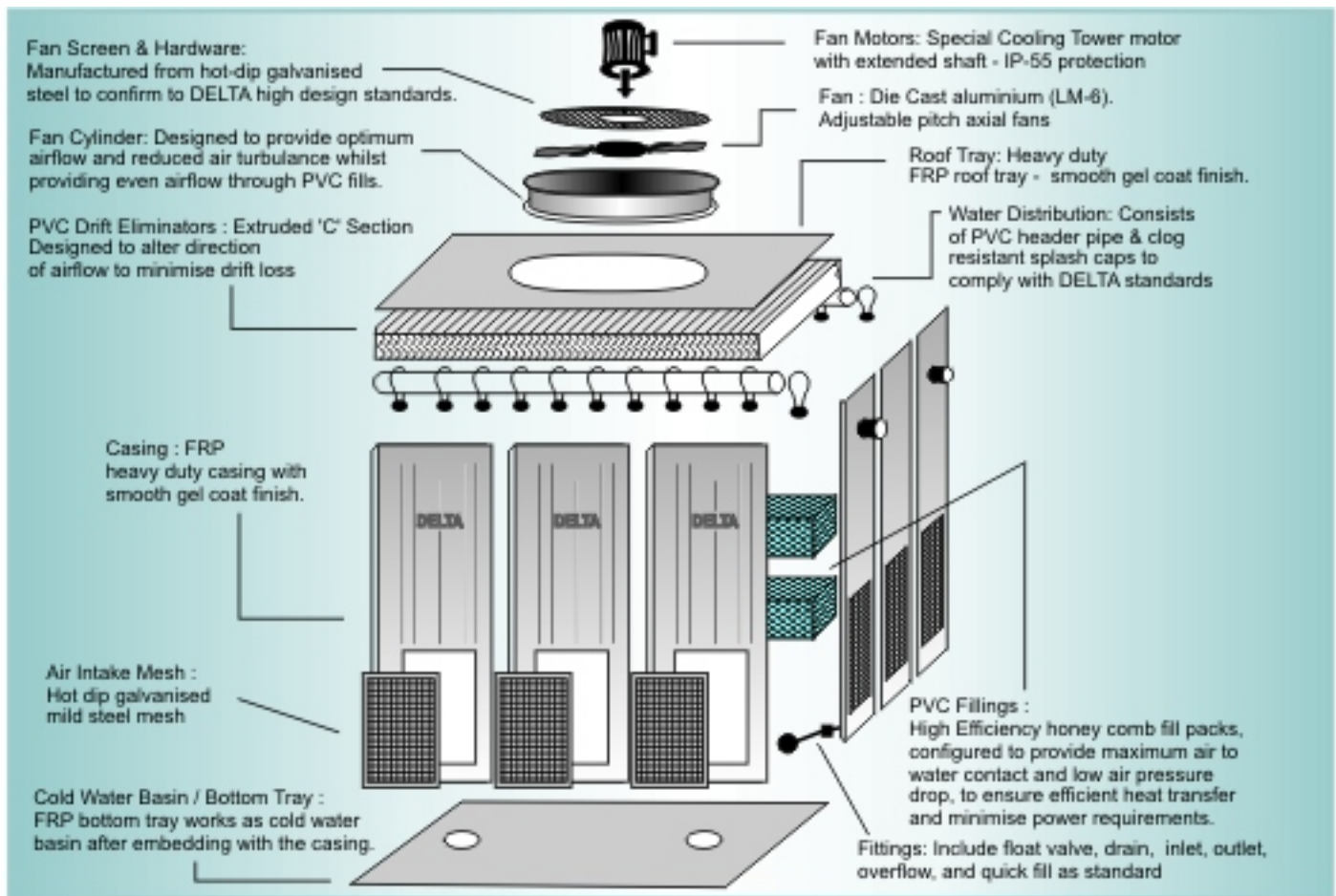
Design Concept DFC-60 Series

DELTA'S DFC-60 series cooling towers comes into rectangular shape after erection at customer's site. These cooling towers utilise the induced draught counter flow principle of operation. The fan creates vertical air movement up the tower across the filling in opposition to water flow. Thus the coldest water contacts the driest air. Heated circulated water enters via the hot water inlet passing through fixed non clogging spray splash distributed over the heat exchange fills.

SPECIAL FEATURES

- High Efficiency
- Fiberglass Reinforced Plastic (FRP) Construction
- Induced draught fans with manually adjustable pitch
- Even water distribution with splash caps
- Special drift eliminator to reduce maximum drift loss
- Part load operation may be provided
- Competitive cost





The Inside Story

Note:

1. Illustration shown above has been made as per the design of cooling towers of 80TR or higher capacities.
2. All models are available in grey colour normally, other colours to match the environment can be made available on request.
3. Cooling towers smaller than 15TR are not supplied with ladder.
4. All MS parts are hot dip galvanised.
5. Cooling Tower comes into existence after being erected on concrete foundation and MS base frame provided by the customer at their site.



ONLY DELTA

Excellence in Design and Performance

DELTA COOLING TOWERS P. LTD. specialises in cooling tower technologies. For over 17 years the pursuit of excellence and product performance have established DELTA as the criterion of the industry.

More and more industrial, airconditioning, steel, plastic, power generation, chemicals and processing industries rely on DELTA cooling technologies for uncompromising quality, guaranteed thermal performance design and engineering excellence.

When it comes to cooling for high precision and agile machines, owners, consultants and contractors look upon DELTA to provide optimum cooling for their applications.

DELTA cooling technologies help HVAC systems provide optimum living, working and recreational environments in small to large, commercial and industrial facilities.



DIMENSIONS & TECHNICAL DATA SHEET OF DELTA'S DFC-60 SERIES

DESIGN NOS.	TR CAP	S I Z E S (MM) L X W X H	FAN DIA (MM)	MOTOR HP	MOTOR (RPM)	OPERATING WEIGHT (KG.)
6007	7	650 X 650 X 2100	450	0.5	2800	200
6010	10	800 X 800 X 2100	450	0.5	1440	225
6015	15	950 X 950 X 2100	600	1	1440	300
6018	18	950 X 950 X 2100	600	1.5	1440	350
6020	20	1100 X 1100 X 2400	700	1.5	1440	400
6025	25	1100 X 1100 X 2400	700	2	1440	450
6030	30	1250 X 1250 X 2400	900	2	1440	500
6035	35	1250 X 1250 X 2400	900	2	1440	550
6040	40	1500 X 1500 X 2400	1200	2	960	750
6050	50	1500 X 1500 X 2400	1200	2	960	800
6060	60	1850 X 1850 X 2400	1200	2	960	950
6070	70	1850 X 1850 X 2400	1200	3	960	1100
6080	80	2250 x 1950 x 3300	1200	3	960	1200
6090	90	2250 X 2250 X 3300	1200	3	960	1300
6110	110	2550 X 2250 X 3300	1200	5	960	1600
6125	125	2550 X 2550 X 3300	1500	5	960	1900
6150	150	2850 X 2850 X 3300	1500	7.5	960	2200
6175	175	3150 X 2850 X 3300	1500	7.5	960	2600
6200	200	3450 X 3150 X 3300	1500	7.5	960	3000
6225	225	3450 X 3450 X 3300	1800	7.5	720	3100
6250	250	3750 X 3450 X 3300	2 x 1200	2 x 5	960	3500
6275	275	4350 X 3150 X 3300	2 x 1200	2 x 5	960	3700
6300	300	4350 X 3450 X 3300	2 x 1200	2 x 5	960	4200
6325	325	4350 X 3750 X 3300	2 x 1500	2 x 7.5	960	4500
6350	350	4700 X 3750 X 3300	2 X 1500	2 X 7.5	960	5000
6375	375	4350 X 4350 X 3300	2 X 1500	2 X 7.5	960	5200
6400	400	5000 X 4050 X 3300	2 X 1500	2 X 7.5	960	5500
6425	425	5000 X 4350 X 3300	2 X 1500	2 X 7.5	960	5800
6450	450	5000 X 4700 X 3300	3 X 1200	3 X 5	960	6100
6500	500	6200 X 4050 X 3300	3 X 1500	3 X 7.5	960	6800
6550	550	6200 X 4350 X 3300	3 X 1500	3 X 7.5	960	7400
6600	600	6200 X 5000 X 3300	4 X 1200	4 X 5	960	8100
6650	650	6500 X 5000 X 3300	4 X 1500	4 X 7.5	960	8900
6700	700	6200 X 5600 X 3300	4 X 1500	4 X 7.5	960	9500
6750	750	6200 X 5900 X 3300	4 X 1500	4 X 7.5	960	10100
6800	800	6500 X 6200 X 3300	4 X 1500	4 X 7.5	960	10800
6850	850	6500 X 6500 X 3300	4 X 1500	4 X 7.5	960	11500
6900	900	6800 X 6500 X 3300	6 X 1200	6 X 5	960	12000

- Nominal TR capacity has been computed on the basis of water circulation rate of 4 USGPM/TR at 97.5-90.-83 F conditions.
- Performance is based upon installation, in an outdoor location and absence of nearby structures which might prevent free air movement.
- Cooling towers do not include motor starter, pumps, valves, controls, foundation, pipe fittings etc..
The job excludes civil works, electrical work, plumbing or piping work etc..
- The company operates a policy on continuous improvements and reserves the right to make alterations in designs and specification without any notice.

**We
cool**





DELTA COOLING TOWERS P. LTD.

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