

FORCED DRAUGHT SERIES											
TECHNICAL SPECIFICATIONS OF AIR CONDITIONING MODELS AT DESIGNED DUTY CONDITIONS OF 97.5 'F - 90 'F - 83 'F											
TRISIFICATION	CELL DIMENSIONS	FAN DIA	AIR QTY.	MOTOR	RPM	OP.	INLET	OUTLET	QUICKFILL,	DRAIN,	
CAP.	NO.	mm X mm X mm	mm	CFM	H.P	WEIGHT	SIZE	SIZE	MAKE-UP	OVERFLOW	
		*L x B x H				(Kgs.)			SIZE	SIZE	
10	FD-2006	900 x 600 x 1980	450	2500	0.5	1370	222	1.5"x2	2"	0.5"	1.5"
15	FD-2009	900 x 900 x 1980	700	3800	1	1400	313	2" x 2	2.5"	0.5"	1.5"
20	FD-2012	1200 x 900 x 1980	700	5000	1.5	1410	403	2" x 2	2.5"	0.5"	1.5"
25	FD-2016	1200 x 1200 x 1980	700	6780	1.5	1410	514	2" x 2	2.5"	0.5"	1.5"
30	FD-2018	1350 x 1200 x 1980	700	7500	2	1415	585	2.5" x 2	3"	0.5"	1.5"
35	FD-2020	1500 x 1200 x 1980	700	8350	2	1415	706	2.5" x 2	3"	0.5"	1.5"
40	FD-2025	1500 x 1500 x 1980	700	10500	2	1415	782	3" x 2	4"	0.5"	1.5"
50	FD-2030	1800 x 1500 x 2440	900	12600	3	945	928	3" x 2	5"	0.5"	1.5"
60	FD-2036	1800 x 1800 x 2440	900	15100	3	945	1120	3" x 2	6"	0.5"	1.5"
70	FD-2042	1800 x 2100 x 2440	900	17600	3	945	1302	4" x 2	6"	0.75"	1.5"
80	FD-2048	2400 x 1800 x 2440	1000	20100	5	960	1468	4" x 2	6"	0.75"	1.5"
95	FD-2056	2400 x 2100 x 2440	1000	23450	5	960	1736	4" x 2	6"	0.75"	1.5"
100	FD-2060	2400 x 2250 x 2440	1000	25100	5	960	1802	4" x 2	6"	0.75"	1.5"
120	FD-2072	2400 x 2700 x 2670	1200	30150	7.5	955	2132	4" x 2	6"	0.75"	1.5"
135	FD-2080	3000 x 2400 x 2670	1200	33500	7.5	955	2367	4" x 2	4" x 2	0.75"	2.0"
150	FD-2090	3000 x 2700 x 2670	1200	37700	7.5	955	2670	5" x 2	5" x 2	0.75"	2.0"
165	FD-2100	3000 x 3000 x 2440	1000 x 2	20950 x 2	5.0 x 2	960	2873	5" x 2	5" x 2	1.5"	2.0"
175	FD-2105	3000 x 3150 x 2440	1000 x 2	22000 x 2	5.0 x 2	960	3070	5" x 2	5" x 2	1.5"	2.0"
200	FD-2120	3000 x 3600 x 2440	1000 x 2	25100 x 2	5.0 x 2	960	3534	5" x 2	5" x 2	1.5"	2.0"
220	FD-2132	3600 x 3300 x 2670	1200 x 2	27600 x 2	7.5 x 2	955	3836	6" x 2	6" x 2	1.5"	2.0"
240	FD-2144	3600 x 3600 x 2670	1200 x 2	30150 x 2	7.5 x 2	955	4180	6" x 2	6" x 2	1.5"	2.0"
250	FD-2150	3600 x 3750 x 2670	1200 x 2	31400 x 2	7.5 x 2	955	4322	6" x 2	6" x 2	1.5"	2.0"
280	FD-2168	3600 x 4200 x 2670	1200 x 2	35150 x 2	7.5 x 2	955	4527	6" x 2	6" x 2	1.5"	2.0"
300	FD-2180	3600 x 4500 x 2670	1200 x 2	37700 x 2	7.5 x 2	955	5175	6" x 2	6" x 2	1.5"	2.0"
350	FD-2210	4500 x 4200 x 2670	1200 x 3	29300 x 3	7.5 x 3	955	6154	6" x 3	6" x 3	1.5"	2.0"
375	FD-2225	4500 x 4500 x 2670	1200 X 3	31400 x 3	7.5 x 3	955	6488	8" x 2	8" x 2	1.5"	2.0"
400	FD-2240	4500 x 4800 x 2670	1200 x 3	33500 x 3	7.5 x 3	955	6922	8" x 2	8" x 2	1.5"	2.0"
420	FD-2252	5400 x 4200 x 2670	1200 x 3	35100 x 3	7.5 x 3	955	7146	8" x 2	8" x 2	1.5"	2.0"
450	FD-2270	5400 x 4500 x 2670	1200 x 3	37700 x 3	7.5 x 3	955	7726	8" x 2	8" x 2	1.5"	2.0"

NB:

1. Considered Flow Rate - 4 USGPM/TR # 1 CT TR = 3782 KCal / hr or 15000 BTU / hr
2. Evaporation Loss - 0.69%, Drift Loss - 0.05%
3. All fans are direct driven by standard make TEFC motors with IP-55 weather protection
4. For any specific requirement, please revert to us.
5. We reserve the right to change the specifications without any notice as the Company believes in continuous improvement and development of the product.
6. Fan side is the length side marked with an *

Data Sheet - FD7
08.01.2015

BELL COOLING TOWERS PVT. LTD.

Please report suggestions/omissions at : sales@bellct.com, bctplindia@gmail.com, bctpl@yahoo.com