

FORCED DRAUGHT SERIES

TECHNICAL SPECIFICATIONS OF DG SET MODELS AT DESIGNED DUTY CONDITIONS OF 110'F - 90 'F - 83 'F FOR CUMMINS ENGINE

KVA RATING	WATER FLOW RATE IN LPM	ASSIFICATIC NO.	CELL DIMENSIONS mm X mm X mm *L x B x H	FAN DIA mm	AIR QTY. CFM	MOTOR H.P	RPM	OP. WEIGHT (Kgs.)	INLET SIZE	OUTLET SIZE	QUICKFILL, MAKE-UP SIZE	DRAIN, OVERFLOW SIZE
125	121	2006DGF	900 x 900 x 1980	700	3160	1	1400	196	1.5" x 2	2"	0.5"	1.5"
250/285	240/275	2012DGF	1200 x 900 x 1980	700	7180	1.5	1400	344	2" x 2	2.5"	0.5"	1.5"
320	400	2020DGF	1500 x 1200 x 1980	700	10500	2	1400	610	2" x 2	2.5"	0.5"	1.5"
380	300	2016DGF	1200 x 1200 x 1980	700	7830	2	1400	437	2" x 2	2.5"	0.5"	1.5"
500/625	531/540	2025DGF	1500 x 1500 x 1980	900	14100	3	960	663	2.5" x 2	3"	0.5"	1.5"
750	625	2030DGF	1800 x 1500 x 2440	900	16310	3	960	788	3" x 2	4"	0.5"	1.5"
1000	900	2042DGF	1800 x 2100 x 2440	1000	23500	5	960	1102	3" x 2	5"	0.75"	1.5"
1250/1500	1300	2060DGF	2400 x 2250 x 2440	1200	34000	7.5	960	1518	4" x 2	6"	0.75"	1.5"
1875/2000	1760	2090DGF	3000 x 2700 x 2440	1000 x 2	23000 x 2	5 x 2	960	2245	4" x 2	6"	0.75"	2.0"

- NB:
1. Secondary circuit water flow rate as above.
 2. Evaporation Loss - 1.7%, 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 Bell believes in continuous improvement and development of the product.
 6. Fan side is the length side marked with an *
 7. 12.36% Service Tax shall be charged extra on Erection charges
 8. Erection charges outside Delhi zone shall be 1.5 times extra from normal charges
 9. 7 days advance intimation to be given for installation at site

Data Sheet - FD7DG83

15/04/2008

BELL COOLING TOWERS PVT. LTD.

Please report suggestions/omissions at : bellct@vsnl.com and bctpl@yahoo.co.in