COOLING TECHNOLOGY INSTITUTE

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Paharpur Cooling Towers Ltd.
CF3 Series Line of CTI Certified
Cooling Towers CTI Certification
Validation Number C51A-13R2
December 21, 2017 (Revision 2)

32441	32672	32882
32442	32673	32883
32443	32674	32884
	32675	32885
32451	32676	32886
32452	32677	32887
32453		32888
32454	32772	32889
	32773	
32552	32774	32892
32553	32775	32893
32554	32776	32894
32555	32777	32895
	32778	32896
32562		32897
32563	32782	32898
32564	32783	32899
32565	32784	
32566	32785	32992
	32786	32993
32662	32787	32994
32663	32788	32995
32664		32996
32665		32997
32666		32998
32667		32999

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Footnotes for C51A-13R2 Model List

1. Standard materials of construction are FRP for casing, collection basin, fan deck, fan cylinder and structure; and, aluminum fan blades. Stainless steel structure materials, FRP fan blades and alternate component materials and coatings are also available without capacity changes.

2. Models are available with or without FRP cold water basin. The suffix (TB) added to the model numbers above indicates standard towers with integral FRP basins while the suffix (TO) added to the model numbers above indicates towers with basins supplied by others.

3. Multi-cell models are also available with TB and TO options. For TB options, the models are designated by adding a prefix 'X', where X is the number of cells; e.g. 3-32562 (TB). For TO options, the models are designated by adding a suffix 'X', where X is the number of cells; e.g. 32562-3 (TO). Multi-cell models are also available with enlarged (double height) inlet air openings designed to offset the performance derating when the number of inlet air openings is less than four. Towers with enlarged air openings are identified by a suffix D in the model number, for example 2-32552D

   Multi-cell, standard inlet height, models require the following derating method:
   For cells with three air entry sides, a 3% derating of the cell capacity will apply.
   For cells with two air entry sides, a 5% derating of the cell capacity will apply.
   For example, if a model has a capacity of 100 tower units, its two-cell version will have a capacity of (97 + 97) = 194 tower units, its three-cell version will have a capacity of (97 + 95 + 97) = 289 tower units, its four-cell version will have a capacity of (97 + 95 + 95 + 97) = 384 tower units, etc.

4. Some applications may require special materials and coatings. This will not affect the tower capacity.