## COOLING TECHNOLOGY INSTITUTE

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Advance GRP Cooling Towers Pvt. Ltd.
\& Advance Cooling Towers Pvt. Ltd.
Advance 2020 - Series A Line of CTI Certified Cooling Towers CTI Certification Validation Number C31A-07R03

October 24, 2016 (Revision 3)

A37-0.75
A37-1.10
A37-1.50
A37-2.20
A37-3.75

A46-1.10
A46-1.50
A46-2.20
A46-3.75
A46-5.50
A55-1.10
A55-1.50
A55-2.20
A55-3.75
A55-5.50
A55-7.50
A64-1.50
A64-2.20
A64-3.75
A64-5.50
A64-7.50
A64-9.30
A73-2.20
A73-3.75
A73-5.50
A73-7.50
A73-9.30
A82-2.20
A82-3.75
A82-5.50
A82-7.50
A82-9.30
A82-11.0

A91-3.75
A91-5.50
A91-7.50
A91-9.30
A91-11.0
A91-15.0
A100-7.50
A100-9.30
A100-11.0
A100-15.0
A100-18.3
A109-9.3
A109-11.0
A109-15.0
A109-18.3
A109-22.0

A118-11.0
A118-15.0
A118-18.3
A118-22.0
A118-30.0

A127-15.0
A127-18.3
A127-22.0
A127-30.0
A127-37.0
A136-18.3
A136-22.0
A136-30.0
A136-37.0
A136-45.0

A145-18.3
A145-22.0
A145-30.0
A145-37.0
A145-45.0

A154-22.0
A154-30.0
A154-37.0
A154-45.0
A154-55.0
A163-22.0
A163-30.0
A163-37.0
A163-45.0
A163-55.0

A172-30.0
A172-37.0
A172-45.0
A172-55.0
A172-75.0

A181-37.0
A181-45.0
A181-55.0
A181-75.0
A181-100.0
A190-45.0
A190-55.0
A190-75.0
A190-100.0
A190-135.0

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## Footnotes:

1. Advance 2020 - Series A towers for export sales are by Advance GRP Cooling Towers Pvt. Ltd. Advance 2020 - Series A towers for domestic sales are by Advance Cooling Towers Pvt. Ltd.
2. Multi-cell models comprised of a combination of up to six (6) primary single-cells (listed above) are included in the certification. See example model number below.
3. Certified models listed above are for standard construction materials with FRP (Fiberglass Reinforced Plastic) casing, basin/sump and fan deck; HDG (Hot Dipped Galvanized) steel structure; belt drive fan; and, 415 Volt/50 Hz/3 Phase fan motor. Certification includes a number of options below which are also available.
4. Certified models with optional stainless steel 304 or 316 grade structure instead of HDG structure have the following suffixes added to the basic numeric model designation:

SS4 - 304 Grade Stainless Steel Structure SS6 - 316 Grade Stainless Steel Structure
5. Certified models without the FRP basin/sump have the following suffix added to the basic numeric model designation:

WOB - Without Basin/Sump
6. Certified models with optional direct drive or gear drive in place of standard belt drive fan have the following suffixes added to the basic numeric model designation:

$$
\text { FD - Direct Drive Fan } \quad \text { FG - Gear Drive Fan }
$$

7. Certified models with optional fan motors suitable for 220 , 380 or 460 Volt/ 60 Hz operation or flame proof motors have the following suffixes added to basic numeric model designation:

$$
\mathrm{H}-60 \mathrm{~Hz} \quad \text { MF - Motor Flame Proof }
$$

8. Certified models include use of optional external platform with railing/ladder for access.
9. Cooling Towers which include the suffix " X " added to the Model No's above (e.g. A-37-0.75-X) are not covered under CTI Certification due to either application, product accessories or modifications.

Example Model Number: A73-5.50-3
where, A73 - line designation and model size code
5.50 - fan motor size
'-3' - three-cell unit (note: single cell units may omit '-1' from model number)

