



# COOLING TECHNOLOGY INSTITUTE

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Phone: 281.583.4087 • Fax: 281.537.1721 • email: vmanser@cti.org • http://www.cti.org

**Advance Cooling Towers Pvt. Ltd.**  
**Advance 2020 – Series A Line of CTI Certified Cooling Towers**  
**CTI Certification Validation Number C31A-07R05**  
**August 31, 2023 (Revision 5)**

**Group A Models (Standard AC Fan Type)**

(Note: Number of Certified Cells Denoted by Prefix 1 through 6)

A37-0.75	A91-3.75	A145-18.3
A37-1.10	A91-5.50	A145-22.0
A37-1.50	A91-7.50	A145-30.0
A37-2.20	A91-9.30	A145-37.0
A37-3.75	A91-11.0	A145-45.0
	A91-15.0	
A46-1.10	A100-7.50	A154-22.0
A46-1.50	A100-9.30	A154-30.0
A46-2.20	A100-11.0	A154-37.0
A46-3.75	A100-15.0	A154-45.0
A46-5.50	A100-18.3	A154-55.0
A55-1.10	A109-9.3	A163-22.0
A55-1.50	A109-11.0	A163-30.0
A55-2.20	A109-15.0	A163-37.0
A55-3.75	A109-18.3	A163-45.0
A55-5.50	A109-22.0	A163-55.0
A55-7.50		
A64-1.50	A118-11.0	A172-30.0
A64-2.20	A118-15.0	A172-37.0
A64-3.75	A118-18.3	A172-45.0
A64-5.50	A118-22.0	A172-55.0
A64-7.50	A118-30.0	A172-75.0
A64-9.30		
A73-2.20	A127-15.0	A181-37.0
A73-3.75	A127-18.3	A181-45.0
A73-5.50	A127-22.0	A181-55.0
A73-7.50	A127-30.0	A181-75.0
A73-9.30	A127-37.0	A181-100.0
A82-2.20	A136-18.3	A190-45.0
A82-3.75	A136-22.0	A190-55.0
A82-5.50	A136-30.0	A190-75.0
A82-7.50	A136-37.0	A190-100.0
A82-9.30	A136-45.0	A190-135.0
A82-11.0		

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**Group B Models (EC Fan Type)**

(Note: Number of Certified Cells Denoted by Prefix 1 through 6)

A37ECMEDIUM  
A37ECSTANDARD

A82ECLOW  
A82ECMEDIUM  
A82ECSTANDARD

A46ECLOW  
A46ECMEDIUM  
A46ECSTANDARD

A91ECLOW  
A91ECMEDIUM  
A91ECSTANDARD

A55ECLOW  
A55ECMEDIUM  
A55ECSTANDARD

A100ECLOW  
A100ECMEDIUM  
A100ECSTANDARD

A64ECLOW  
A64ECMEDIUM  
A64ECSTANDARD

A109ECLOW  
A109ECMEDIUM  
A109ECSTANDARD

A73ECLOW  
A73ECMEDIUM  
A73ECSTANDARD

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## Footnotes:

1. Advance 2020 – Series A towers for export and 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, 316 grade or pultruded FRP Structure have the following suffixes added to the basic numeric model designation:
  - SS4 – 304 Grade Stainless Steel Structure
  - SS6 – 316 Grade Stainless Steel Structure
  - PLT – Pultruded FRP 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:
  - FD – Direct Drive Fan
  - 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:
  - H – 60 Hz
  - 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. 1A37-0.75-X) are not covered under CTI Certification due to either application, product accessories or modifications.

Example Model Number, Group A: 3A73-5.50

where, 3 – prefix denoting number of certified cells (values 1 through 6)  
A73 – line designation and model size code  
5.50 – fan motor size

Example Model Number, Group B: 3A73ECLW

where, 3 – prefix denoting number of certified cells (values 1 through 6)  
A73EC – line designation and model size code  
LOW – EC fan motor speed/power code