

# **COOLING TECHNOLOGY INSTITUTE**

P. O. Box 681807, Houston, Texas 77268 • 3845 Cypress Creek Parkway, Ste 420, Houston, Texas 77068 Phone: 281.583.4087 • Fax: 281.537.1721 • email: vmanser@ cti.org • http://www.cti.org

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

See Footnote, Next Page

# **COOLING TECHNOLOGY INSTITUTE**



P. O. Box 681807, Houston, Texas 77268 • 3845 Cypress Creek Parkway, Ste 420, Houston, Texas 77068 Phone: 281.583.4087 • Fax: 281.537.1721 • email: vmanser@ cti.org • http://www.cti.org

## 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)

#### **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:
  - 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. 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)