

### **COOLING TECHNOLOGY INSTITUTE**

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# Advance Cooling Towers Pvt. Ltd. Advance 2020 – NTM Line of CTI Certified Cooling Towers CTI Certification Validation Number C31B-19R00 September 23, 2019 (Revision 0)

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

NTM81KW2.2 NTM144KW7.5 NTM81KW3.75 NTM144KW9.3

NTM99KW2.2 NTM162KW9.3 NTM99KW3.75 NTM162KW11.0

NTM117KW3.75 NTM180KW11.0 NTM117KW5.5 NTM180KW15.0

NTM135KW5.5 NTM135KW7.5

See Footnotes, Next Page

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#### **Footnotes:**

- 1. Advance 2020 NTM 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; direct 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:
  - SS304 304 Grade Stainless Steel Structure; SS316 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 belt drive or gear drive in place of standard direct drive fan have the following suffixes added to the basic numeric model designation:

BD - Belt Drive Fan

GD – 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

MFP – 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. 1NTM135KW5.5-X) are not covered under CTI Certification due to either application, product accessories or modifications.

Example Model Number: 3 NTM135KW5.5

where, 3 – prefix denoting number of certified cells (values 1 through 6)

NTM135 – line designation and model size code

5.50 – fan motor size