



COOLING TECHNOLOGY INSTITUTE

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Thermal Cell sdn bhd TYH Series CTI Certified Open, Cross-flow, Induced-draft Cooling Towers CTI Certification Validation Number C40A-11R03 October 1, 2014 (Revision 3)

TYH-80E	TYH-150E	TYH-225E	TYH-350E	TYH-500E	TYH-700E
TYH-100C	TYH-175C	TYH-250C	TYH-400C	TYH-550C	TYH-800C
TYH-100T	TYH-175T	TYH-250T	TYH-400T	TYH-550T	TYH-800T
TYH-100I	TYH-175I	TYH-250I	TYH-400I	TYH-550I	TYH-800I
TYH-100E	TYH-175E	TYH-250E	TYH-400E	TYH-550E	TYH-800E
TYH-125C	TYH-200C	TYH-300C	TYH-450C	TYH-600C	TYH-900C
TYH-125T	TYH-200T	TYH-300T	TYH-450T	TYH-600T	TYH-900T
TYH-125I	TYH-200I	TYH-300I	TYH-450I	TYH-600I	TYH-900I
TYH-125E	TYH-200E	TYH-300E	TYH-450E	TYH-600E	TYH-900E
TYH-150C	TYH-225C	TYH-350C	TYH-500C	TYH-700C	TYH-1000C
TYH-150T	TYH-225T	TYH-350T	TYH-500T	TYH-700T	TYH-1000T
TYH-150I	TYH-225I	TYH-350I	TYH-500I	TYH-700I	TYH-1000I

Footnotes:

- Multiple cell models of the single cell models above are also available and included in the CTI Certification but are not individually listed.
- “E,C,T or I” at the end of the model numbers indicates the relative motor size and capacity.
 - “C” indicates standard motor size used for standard model applications
 - “E” indicates one or two sizes smaller motor for energy-saving low-sound applications
 - “T” indicates one size larger motor for economical applications
 - “I” indicates two sizes larger motor compact applications
- Standard construction is galvanized structure and fiber reinforced plastic casing material. Certification also includes alternate tower construction materials indicated by suffixes –SZ, -S, -SD, and –SL which are added to basic model numbers where:
 - SZ is for high corrosion-resistance alloy galvanized steel casing, basin, mainframe and hardware;
 - S is for stainless steel casing, basin, mainframe and hardware;
 - SD is for magnesium aluminum zinc casing, basin, mainframe and hardware;
 - SL is for aluminized zinc casing, basin, mainframe and hardware;;
- Sample model number: TYH-100E-SZ*2
Where: TYH = Product line name
 - 100 = Reference capacity or nominal size
 - E = Energy-saving low-sound motor size
 - SZ = High corrosion-resistance alloy galvanized steel casing, basin, mainframe and hardware
 - *2 = number of certified cells (2 each of primary cell TYH-100E)