



COOLING TECHNOLOGY INSTITUTE

P. O. Box 681807, Houston, Texas 77268 • 3845 Cypress Creek Parkway, Ste 420, Houston, Texas 77068
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October 23, 2015
(Revision 0, reissued August 21, 2017)

Tower Tech
(a div. of CPK Manufacturing, LLC)
5400 NW 5th Street
Oklahoma City, OK 73127

Subject: CTI Cooling Tower Certification for the Tower Tech
Line of TTXR Series Cooling Towers

Greetings:

The Tower Tech line of TTXR Series counter-flow, forced-draft cooling towers, as described in your original application and subsequent revisions through August 26, 2015 has satisfactorily fulfilled the requirements for certification of thermal performance by the Cooling Technology Institute (CTI), as set forth in the CTI Certification Standard STD-201(15). A listing of the eighty (80) TTXR Series primary models encompassed by this certification is included with this letter for reference.

The Tower Tech line of TTXR Series cooling towers has been assigned and should begin to use CTI Certification Validation Number C17H-15R00 for the line of towers. You are hereby authorized and encouraged to display the CTI Certification Logo in all pertinent literature for the line and required to affix the CTI Certification Label to all towers comprising the line, as provided in the Certification Standard.

Very truly yours,

Michael G. Womack
CTI Thermal Certification Administrator



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Tower Tech
TTXR Series Line of CTI Certified Cooling Towers
CTI Certification Validation Number C17H-15R00
October 23, 2015 (Revision 0)

Models with 60 Hz Fan Motors

<u>3.0 hp/fan</u>	<u>5.0 hp/fan</u>	<u>7.5 hp/fan</u>
TTXR-i21930	TTXR-i21950	TTXR-i21975
TTXR-i31930	TTXR-i31950	TTXR-i31975
TTXR-i41930	TTXR-i41950	TTXR-i41975
TTXR-041930	TTXR-041950	TTXR-041975
TTXR-i51930	TTXR-i51950	TTXR-i51975
TTXR-i61930	TTXR-i61950	TTXR-i61975
TTXR-061930	TTXR-061950	TTXR-061975
TTXR-081930	TTXR-081950	TTXR-081975
TTXR-101930	TTXR-101950	TTXR-101975
TTXR-121930	TTXR-121950	TTXR-121975

Models with 50 Hz Fan Motors

<u>2.2 kW/fan</u>	<u>2.9 kW/fan</u>	<u>3.7 kW/fan</u>	<u>4.5 kW/fan</u>	<u>5.6 kW/fan</u>
TTXR-i21922	TTXR-i21929	TTXR-i21937	TTXR-i21945	TTXR-i21956
TTXR-i31922	TTXR-i31929	TTXR-i31937	TTXR-i31945	TTXR-i31956
TTXR-i41922	TTXR-i41929	TTXR-i41937	TTXR-i41945	TTXR-i41956
TTXR-041922	TTXR-041929	TTXR-041937	TTXR-041945	TTXR-041956
TTXR-i51922	TTXR-i51929	TTXR-i51937	TTXR-i51945	TTXR-i51956
TTXR-i61922	TTXR-i61929	TTXR-i61937	TTXR-i61945	TTXR-i61956
TTXR-061922	TTXR-061929	TTXR-061937	TTXR-061945	TTXR-061956
TTXR-081922	TTXR-081929	TTXR-081937	TTXR-081945	TTXR-081956
TTXR-101922	TTXR-101929	TTXR-101937	TTXR-101945	TTXR-101956
TTXR-121922	TTXR-121929	TTXR-121937	TTXR-121945	TTXR-121956

See Footnotes on Following Page



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Footnotes:

1. Models listed above are for single cells with a base inlet height of 6-ft. Multiple cell models of the single cell models and/or models with air inlet heights more or less than 6-ft are also available; however, they require capacity correction per the TTXR correction tables submitted with the CTI Certification application.
2. Models with 60 Hz, 3.0 hp, 5.0 hp and 7.5 hp motors are equipped with either 40°C or 50°C temperature rise rated 8-pole motors.
3. Models with 50 Hz, 2.2 kW, 3.7 kW and 5.6 kW motors are equipped with 40°C temperature rise rated 8-pole motors.
4. Models with 50 Hz, 2.9 kW and 4.5 kW motors are equipped with 50°C temperature rise rated 8-pole motors.
5. Model Designation Format: TTXR-XXYYZZ

Where:

XX = Configuration	YY = Fill Media Type*	ZZ = Motor Power
i2 = 2 Fans, 1 X 2	19 = CF1900	22 = 2.2 kW/fan
i3 = 3 Fans, 1 X 3		29 = 2.9 kW/fan
i4 = 4 Fans, 1 X 4	* Other fill media types	30 = 3.0 hp/fan
04 = 4 Fans, 2 X 2	are available; however,	37 = 3.7 kW/fan
i5 = 5 Fans, 1 X 5	their thermal performance	45 = 4.5 kW/fan
i6 = 6 Fans, 1 X 6	is not included in the	50 = 5.0 hp/fan
06 = 6 Fans, 2 X 3	CTI Certification.	56 = 5.6 kW/fan
08 = 8 Fans, 2 X 4		75 = 7.5 hp/fan
10 = 10 Fans, 2 X 5		
12 = 12 Fans, 2 X 6		