PROOF IN PERFORMANCE

MARLEY®

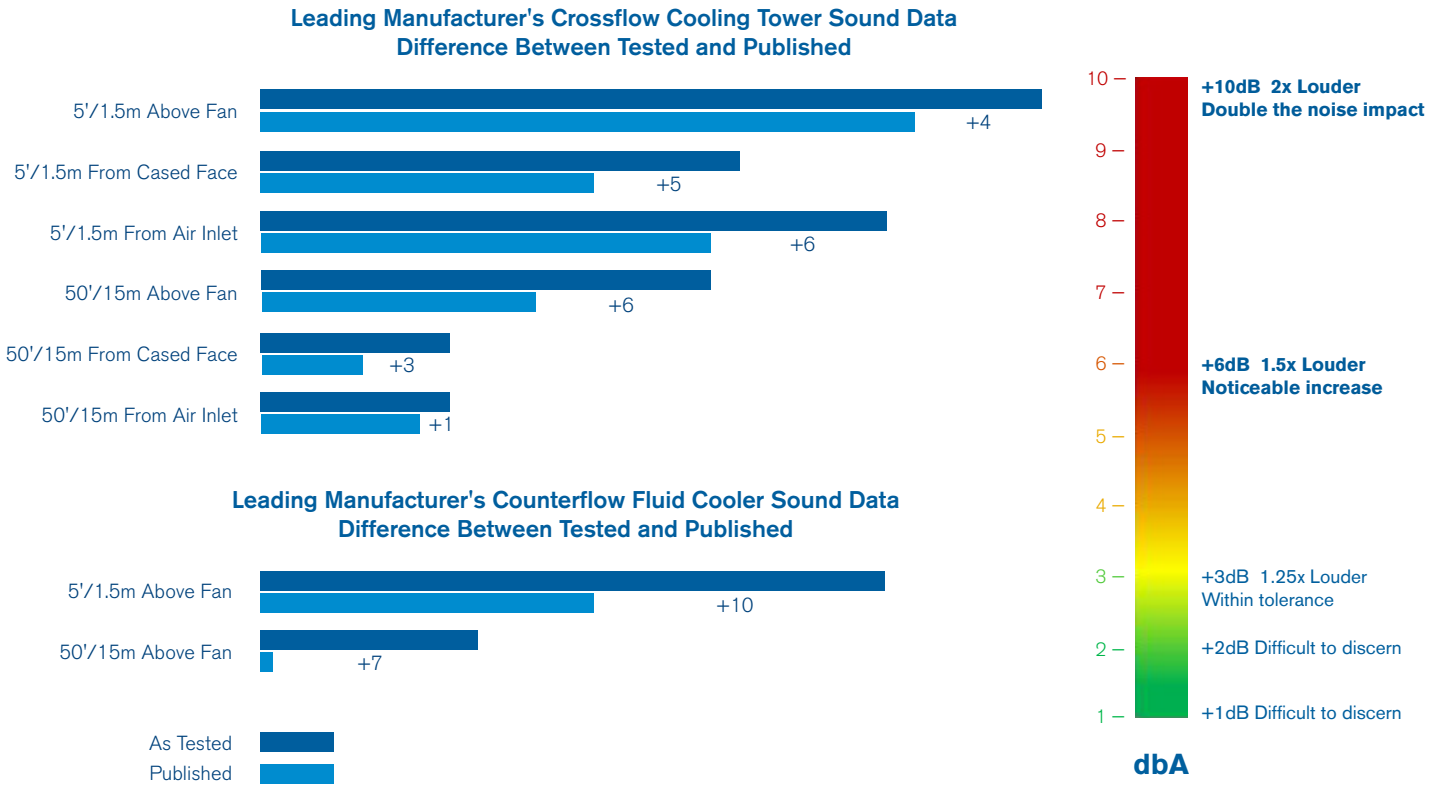
CERTIFIED SOUND

WHY INDEPENDENTLY VALIDATED SOUND DATA IS IMPORTANT

Believing sound data published by cooling tower manufacturers requires a measure of skepticism, scrutiny and trust. **Marley NC cooling towers meet sound levels as published** because they are independently verified by a CTI-licensed test agent. Marley is the only package tower manufacturer to subject its towers to the most rigorous sound testing, per CTI ATC-128 test code, conducted by a third-party certified acoustical engineer. Don't take the manufacturer's word for it – with Marley you don't have to.

OTHER COOLING TOWER MANUFACTURERS – SOUND DATA DIFFERENTIALS

Data represents comparisons of independently tested versus published sound data for a crossflow cooling tower and counterflow fluid cooler from a leading manufacturer. **+10 dBA = 2x Louder. +6 = 1.5x Louder.**



SPX®

PROOF IN PERFORMANCE

MARLEY®

SOUND

BACKGROUND

Noise is a growing concern for communities around the world. With expanding urban and industrial development, government and industry are faced with increasingly stringent and strictly enforced noise regulations. SPX Cooling Technologies delivers acoustically engineered and verified solutions to address these concerns.

INDEPENDENT TESTING

Third party verification of Cooling Tower sound levels is an objective way to evaluate radiated noise and to confirm tower manufacturer claims of sound levels to Cooling Technologies Institute Test Method ATC-128: "Test Code for Measurement of Sound in Water-Cooling Towers."

METHODOLOGY

Sound testing was performed by a third-party agency using certified and calibrated Type 1 precision sound test instruments per the test standards. Sound pressure levels were recorded in the acoustic near-field and far-field locations as specified in the CTI ATC-128 test procedure.

Sound levels were measured and differentials compared to levels provided in the manufacturers' published literature. The products tested were a crossflow cooling tower and a counterflow fluid cooler, current products offered by other leading manufacturers.