

Product Specification

CES Crossflow Nozzles

Product Description

CES Crossflow Cooling Tower Nozzles are constructed of injected molded polypropylene and are designed for both ease of installation and uniformity of water distribution. The nozzles are available in three configurations (Crown, Clog-Free and Target) all of which are available with various orifice sizes to accommodate different water flows.

The “Crown” nozzle is designed to eliminate potential vortex spirals of water passing through the nozzle which results in a consistent and uniform water diffusion pattern at any operating level of water head. The vortex “Crown” also serves as an anti-clog feature helping to prevent debris from entering the nozzle body. The “Crown” nozzle fits a 1-3/4” hot water basin floor opening.

The “Clog-Free” nozzle includes an improved water diffusion device supported by a single rigid arm. Any debris entering the nozzle easily passes through the orifice and does not get trapped by other nozzle structural components. The “Clog-Free” nozzle fits a 1-3/4” hot water basin floor opening.

The “Target” nozzles are designed to provide uniform water distribution in the minimum vertical distance from the underside of the hot water basin by distributing the water both laterally and vertically. An optional nozzle screen can be added to prevent solid particles from clogging the nozzle orifice. The optional screens snap securely onto tabs that are an integral part of the nozzle body. The “Target” nozzle fits a 1-5/8” HWB floor opening.

All CES nozzles are manufactured from polypropylene and are suitable for a standard operating temperature of 140°F with a softening temperature of 214°F.



CES
Crown
Nozzle



CES
Clog-Free
Nozzle



CES
Target
Nozzle

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