

MICROMIST® DISCHARGE NOZZLES



General

The Micromist nozzles are designed to produce a fine and effective water mist when utilized within the specified limits. The nozzles utilize an obstruction plate to slice the small jets of water that flow through the nozzle orifices. To reduce the potential for clogging of the nozzle orifices, each nozzle has an integral screen to catch any particulate matter that could obstruct the discharge.

There are two different Micromist nozzles. One used for machinery spaces and one used for turbine generator applications. The nozzles are identical except for the distance of the impingement plate from the nozzle orifices. The nozzle used for the protection of turbine generators has the plate installed slightly closer to the orifices than the nozzle for machinery spaces. With the plate closer to the orifice jets, a larger portion of the water stream will be sliced by the plate, creating an overall smaller water mist.

Ordering

Part #	Description
73-0023	Turbine Generator Nozzle Assembly
73-0024	Machinery Space Nozzle Assembly

Specifications

Body material:	Brass
Screen:	Stainless steel
Thread size:	1/2" (15mm) NPT female
Flow rate:	2.1 gal./min. (8 liter/min.)
Operating pressure:	295 to 325 PSI (21 to 22 bar)
Temperature range:	40 to 130°F (4 to 54°C) ambient
Mounting and coverage area:	Refer to Micromist Design, Installation and Maintenance Manual, P/N 06-153
Approvals:	FM Approvals

Nozzle Features

The part number is etched on the side of each Micromist nozzle, and a color coded sticker is applied to identify each nozzle. A red sticker indicates a turbine generator nozzle and a blue sticker indicates a machinery space nozzle.

