

BIG NOZZLES

for Cooling Towers

Generic Type

2" with different orifice types

Description

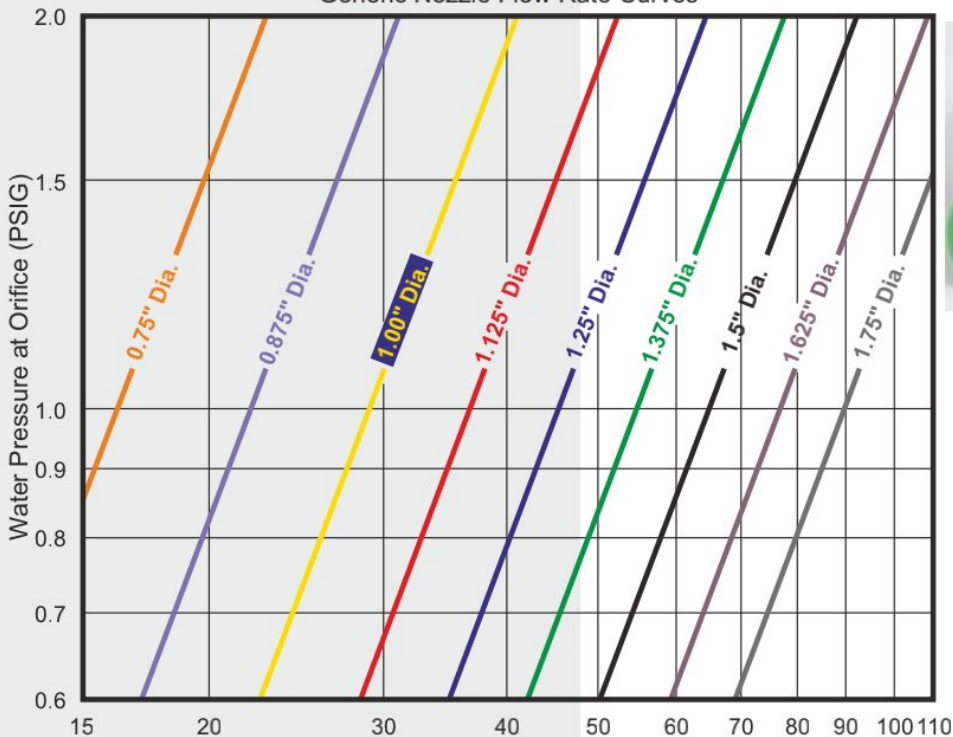
Depending on MB group quality values, we offer a variety of ABS/PVC/P.P nozzles that cover all requirements of cooling towers that work under special operation conditions.

Technical Data

Thread size:	2	in
Outside diameter:	58	mm
Height:	168	mm
Working pressure:	0.01-0.03	Mpa
Flow rate:	11-12	M3/H
Water turbidity condition:	200-400	Mg/L



Generic Nozzle Flow Rate Curves



ORIFICE

ORIFICE LEGEND

Diameter	Color
3/4" ø	ORANGE
7/8" ø	PURPLE
1" ø	YELLOW
1 1/8" ø	RED
1 1/4" ø	BLUE
1 3/8" ø	GREEN
1 1/2" ø	BLACK
1 5/8" ø	BROWN
1 3/4" ø	BODY

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ISO 9001



Cross Flow & Counter Flow Nozzles

For cooling towers

1" with different orifice types

Description

The Spiral Target nozzle is an injection molded polypropylene unit consisting of two parts—the main body with integral target diffuser and a snap-on insert or orifice cap.

The orifice cap is available in 13 diameters ranging from .362 through 1.099. This amount of flexibility allows for a wide range of adjustment in water flow rates and basin water levels.

The Spiral Target nozzle is available in three lengths.

1. The 2.625 nozzle is used on wood, steel, and fiberglass cooling towers where basin support structure does not obstruct the release of water.
2. The 4.875 nozzle is used on larger industrial wood and concrete cooling towers and on applications where clogging might be a concern.
3. The 6.875 nozzle is used on towers where the release of the water has to clear obstructions within the tower structure.



Cooling Tower 180 Degree Spray Pattern nozzle

- Maximum operating temperature from (- 20°C) up to (90°C).
- Provides homogeneous fluid mix without the use of air agitation precluding oxidative decomposition of air agitation of the solutions.
- Improves circulation of the turbulent flow and optimizes mixture of the solutions.
- Assures uniform mixture of solutions and improve product quality.
- Constructed of carbon fiber-glass-reinforced polypropylene or stainless steel.

Description: the Evapco 2A, 2AA and 2B spray nozzle

Connection: 1" MPT (BSP/NPT)

Dimensions: 35mm (W) x 67mm (L) approx.

Comments: Normally positioned in pipework with exit orifices of two nozzles facing each other to create spray pattern.



Description: 180 degree push in nozzles with/without rubber nozzle grommet

Connection: 1" push in nozzle for a 33mm grommet

Dimensions: 28mm (W) x 44mm (L) approx.

Comments: Normally positioned in pipework with orifices of two nozzles facing each other to create spray pattern



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THREE DISHES SPLASH NOZZLES

Description

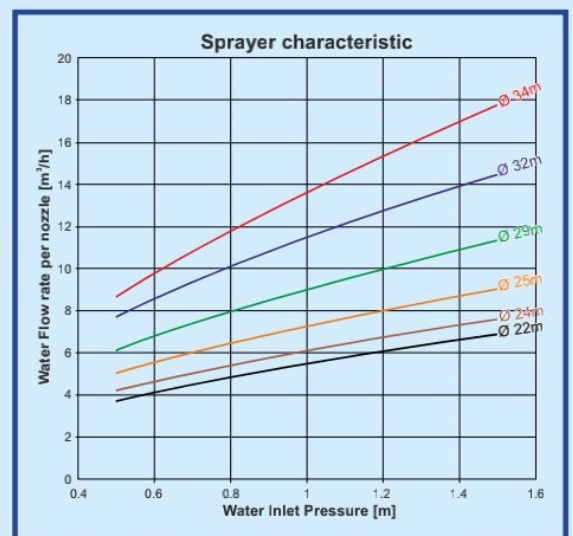
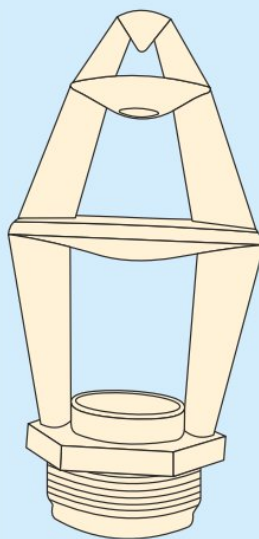
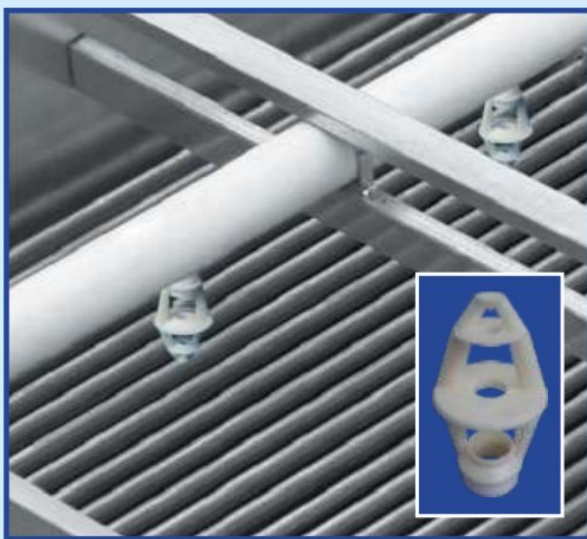
Depending on MB group quality values, we offer the Three Dishes nozzle type to have wide water spreading range (around Ø60 cm water spreading @ low pressure (0.04BAR), Achieving the optimum drop size for all applications.

Technical Data

- Material: Polypropylene (PP)
- Resistant to dissolved various chemicals, fungi and rot resistant.
- Maximal operation temperature: 75 °C (PP).
- Tolerances: max 2%.
- On request, special flame retardant to meet **ASTM E84** and

Applications

- Natural Draft cooling towers
- Mechanical Draft cooling towers.
- Most industries applications.
- Tank washing (CIP)
- Moistening.
- Poultry Farms.



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