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Cooling Tower Sprayer

High effective water distribution for mid-size and large cooling towers

High efficiency of cooling processes begins with optimized water distriution above the fill media. The three-stage water distribution bears waterloads in an effective way to the fill media surface.

H3-Sprayer

The three-stage sprayer system optimize the spray zone of forced or natural draft cooling cooling towers. The performance effect generate cooling immediately after water outlet of the pipe system and already above the fill media (spray zone) in order to get the maximum cooling performance of the tower.

Adjustable water-outlet diameters of nozzle and exchangable water distribution plates allows to optimize each cooling tower configuration.

Features:

- **Made of PP**
- **Low fouling behavior**
- **Adjustable water distribution**
- **Easy installation in existing pipe systems**
- **High temperature and chemical resistant**
- **Optimized spray zone effect maximizing cooling performance and better cooling on the surface of installed fill media**

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Technical information

- 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 DIN 4102 (other norms on request)

Sprayer Program

HEWITECH sprayer program					
Structure	Code	Material	Inserts	Diameter [mm]	Information
	H3- plate	PP			factory assembled or on request loose parts for service
	H3- star	PP			factory assembled or on request loose parts for service
	H3-nozzle	PP		25-50 mm	Easy cutting to needed water outlet diameter

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