



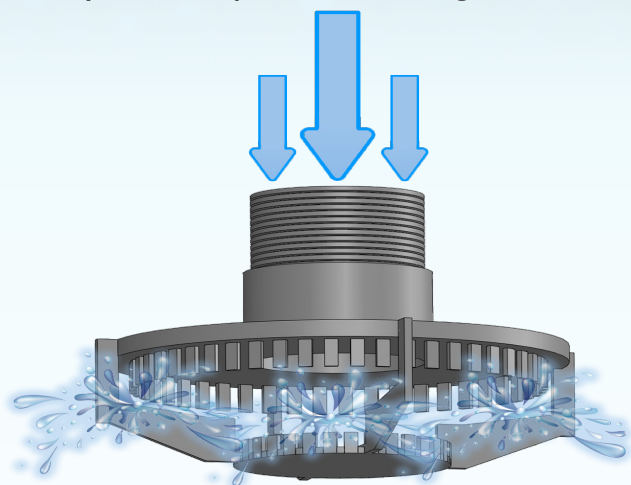
## EVAPCO has Nozzle Options for all Evaporative Cooling Applications



- **Application Flexibility** - Nozzles for Counterflow, and Crossflow
- **Industrial Applications** - Low clog dirty water nozzle solutions
- **Patented Designs** - Revolutionary and unique nozzle designs



Mr. GoodTower®



**OPTIMUM WATER  
DISTRIBUTION DESIGNS**



## EVAPCO Nozzle Technology

Mr. GoodTower® Australia offers a vast range of EVAPCO nozzles for Cooling Towers, Evaporative Condensers and Fluid Coolers. This range includes the older "2" Series nozzles through to the cutting edge EVAPJET™ and ZMII™ nozzles. Not only do we stock the full EVAPCO range but as your one stop spare parts shop Mr. GoodTower® Australia also offer nozzles that can be retrofit to competitors equipment. As a global leader in evaporative cooling equipment manufacture, EVAPCO research and development labs test every nozzle to ensure replacement nozzle kits and retrofit kits operate at 100% thermal performance with reduced chance of clogging. And that each nozzle is manufactured from materials capable of sustaining long trouble free service.



### EVAPJET® Nozzles

The EVAPJET's highly efficient and wide spray pattern nozzle design allows for utilization of 66% fewer nozzles compared to the original '2' Series nozzle distribution configuration. The EVAPJET® nozzle features a threaded 1" nozzle orifice and unique side mounted installation that allows the largest debris to flow easily through the distribution system minimizing nozzle clog. The sweeping oscillations from the nozzles colliding water streams provide complete fill pack coverage and exceptional thermal performance. EVAPJET® nozzles are standard installation in the current range of AT series cooling towers.

### EV Nozzles

EV Series nozzles are a low clog nozzle designed for use in our MSS series cooling towers, the EV series nozzle uses inserts with different orifice diameters to regulate discharge spray patterns over a range of line pressures. EV nozzles feature an easy screw into distribution pipe arrangement which ensures a secure fit and reduces the possibility of nozzles dislodging during operation. EV Nozzles can be easily removed without tools for quick cleaning and minimal unit downtime.



### ZMII® Nozzles

EVAPCO'S Zero Maintenance ZMII® Nozzle remains clog-free while providing even and constant water distribution for reliable, scale-free evaporative cooling under all conditions. The heavy duty nylon ZMII® spray nozzles have a 1-5/16" diameter opening and a 1/2" splash plate clearance enabling EVAPCO to use 75% fewer nozzles when compared to "2" Series nozzles nozzle distribution system configurations. Furthermore, the fixed position ZMII® nozzles are mounted in corrosion-free PVC water distribution pipes that have threaded end caps. Together, these elements combine to provide unequalled coil coverage and scale prevention, and make the industry's best performing non-corrosive, maintenance-free water distribution system.

### 2 Series Nozzles

Mr. GoodTower® Australia stock the entire range of EVAPCO 2 Series nozzles starting with 2AAA right through to the large orifice 2B nozzle. The EVAPCO 2 series nozzles are used in the distribution systems of early generation AT, ATW and ATC steel and stainless steel EVAPCO equipment as well as EVAPCO fibreglass MEC, MFC and AFT equipment. All 2 Series nozzles thread into the distribution system pipe and can be easily removed for cleaning and system maintenance. With its robust design elements 2 series nozzles have a well established history of efficient trouble free operation.



**EVX Nozzles**  
 EVX nozzles are gravity fed nozzles used in EVAPCO AQXS and AQXD crossflow cooling towers, the EVX nozzle is manufactured from durable PVC. The EXV design utilizes holes drilled in the hotwater basin where the nozzles are then press fit into position, this design ensures nozzles do not work loose under the force of water entering the hot water basins of larger crossflow cooling tower designs.

### EV36 and EV37 Nozzles

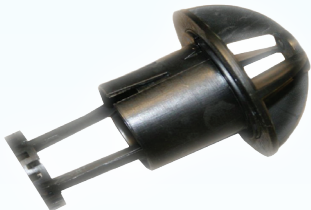
EV36 and EV37 nozzles are commonly found in competitors equipment from fluid coolers to evaporative condensers and utilize a rubber grommet push in installation design, Nozzles can be supplied with or without grommets as required, and are manufactured from materials that equal or exceed the the requirements of the OEM designs.



**Sweeper Nozzles**  
 Sweeper Nozzles are designed for installation in equipment cold water basins where units are used in processes that generate dirty recirculating water or where the equipments surrounding environment is conducive to contaminating the recirculating water. Sweeper nozzles spray pressurized water at critical points in the cold water basin to a filter system suction point where the water and suspended solids can then be treated and seperated. These systems keep the recirculating water systems clean, reduce scale, microbial growth and chemical treatment usage. Mr. GoodTower® Australia offer direct replacement nozzles for EVAPCO factory sweeper kits.

### EVXC Nozzles

EVXC nozzles are designed for retrofit to competitors crossflow cooling towers, with a robust gravity fed design featuring a crown insert that helps reduce the ability for the nozzles to clog. EVXC nozzles are a push in design nozzle manufactured for easy retrofit to existing equipment.





# Mr. GoodTower® Service Centres

Mr. GoodTower® Service Centres proudly offer free unit inspections for all makes and models of cooling tower, fluid cooler or evaporative condenser. Mr. GoodTower® Service Centres are located in all major capital cities across Australia and New Zealand and specialize in assisting equipment owners with preventative maintenance plans that continue efficient system performance.

- **Extend Equipment Life!**
- **Maintain Thermal Performance!**
- **Eliminate Problems!**
- **Reduce Maintenance Costs!**



Take a proactive approach to equipment service and maintenance, Contact EVAPCO Australia today for contact information of all local Mr. GoodTower® Service Centres supporting Australia and New Zealand.



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