



## FEATURES AND BENEFITS

- Hollow cone spray pattern with a ring-shaped impact area.
- Large, unobstructed flow passages minimize clogging.
- Uniform distribution over a wide range of flow rates and pressures.
- Small- to medium-sized drops.
- Good atomization of liquids at lower pressures, quick heat transfer, effective airborne droplet impingement.
- Removable caps for easy inspection and cleaning on many models.
- Slope-bottom design on many models reduces the drilling effect of the fluid vortex in the fluid chamber.
- One-piece cast-type models feature a precision-machined finish and the original WhirlJet whirlchamber design.
- Two-piece cast-type models produce finer atomization than other types of nozzles operating at the same flow rate and pressure.
- Polypropylene models feature excellent corrosion resistance at temperatures up to 160°F (71°C); patented center post design (Patent No. 4,664,314) provides precise control of the fluid vortex and long service life.

## OPTIMIZATION TIPS

- See page D2 for optimization tips.

## APPLICATIONS

- Brine spraying
- Chemical processing
- Dust control
- Evaporative cooling in spray ponds and cooling towers
- Gas scrubbing, washing, cooling
- Metal treating
- Product degreasing
- Water aerating
- Water cooling

## SEE ALSO

- Accessories
  - Adjustable ball fittings
  - Pressure gauges
  - Pressure regulators
  - Solenoid valves
  - Split-eyelet connectors
  - Strainers
  - Swivel connectors
- High Capacity SprayDry<sup>®</sup> Nozzles

