

“Synthetic Mineral Orifice Insert” Stainless Steel Nozzles

Also Known as “Ceramic Insert” or “Ruby Orifice Insert” High Pressure Nozzles
 For all New & Existing High Pressure Humidification & Cooling Systems



– **Nozzle Cap** –
 Synthetic Mineral
 Orifice Insert
 w/ Viton O-ring



– **Spring Assembly** –
 • Notched swirler impeller
 • Zero-leak 300 psi spring
 • Viton stopper - seat



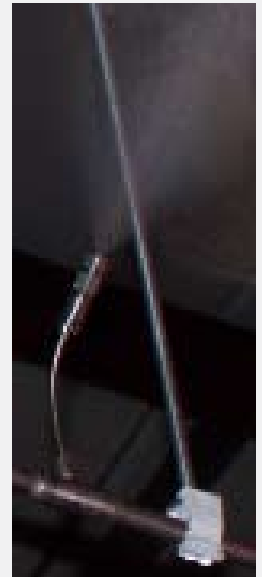
– **Anti-Drip Body** –
 Bottom Housing
 with Viton O-Ring
 Thread
 1/8” OD - 10/24 male



Nozzle Part #	Capacity (1000 psi)
ACE-04-HPNSS (White)	4 lbs/hr
ACE-06-HPNSS (Red)	6 lbs/hr
ACE-09-HPNSS (Blue)	9 lbs/hr

Nozzle Features:

- **Synthetic Mineral Insert Cap:** “No Plug – No Stick” surface.
- **Latest Generation Nozzles:** Precision laser bored ultra smooth inner orifice surface.
- **Stainless Steel Construction:** Nozzles last in excess of 8 years (with appropriate water treatment).



- **Zero Leak 300 psi Spring Assembly:** For precision atomization – prevents seepage at nozzle tip.
- **Anti-Drip Body:** Prevents nozzle tip drip.
- **Viton Seat & O-Rings:** Uniform 20% compression with high wear resistance – prevents leaking.
- **Ultra-Fine Micron Atomization:** Higher % small micron particles–quicker evaporation.
- **No RO/DI Water Treatment:** Water softening recommended.
- **Retrofit:** Fits existing high pressure systems.

