

# Liquid-Activated, Retractable Clean-in-Place Spray Nozzle

Evaporator Dryer Technologies, Inc.



**Flush Mount Nozzle  
in Open Position**

EDTs liquid-activated retractable CIP Spray Nozzles are superior components designed specifically to remain in place during production for sanitary, hygienic food processing .

The CIP spray nozzle features a liquid-activated spray head that fully extends under liquid pressure during the CIP cycle and fully retracts after CIP. Large rotating spray jets provide a high impact scrubbing action that ensures complete cleaning of process equipment.

The nozzle is USDA Accepted for sanitary operations and can be easily removed for inspection.

## Features and Benefits

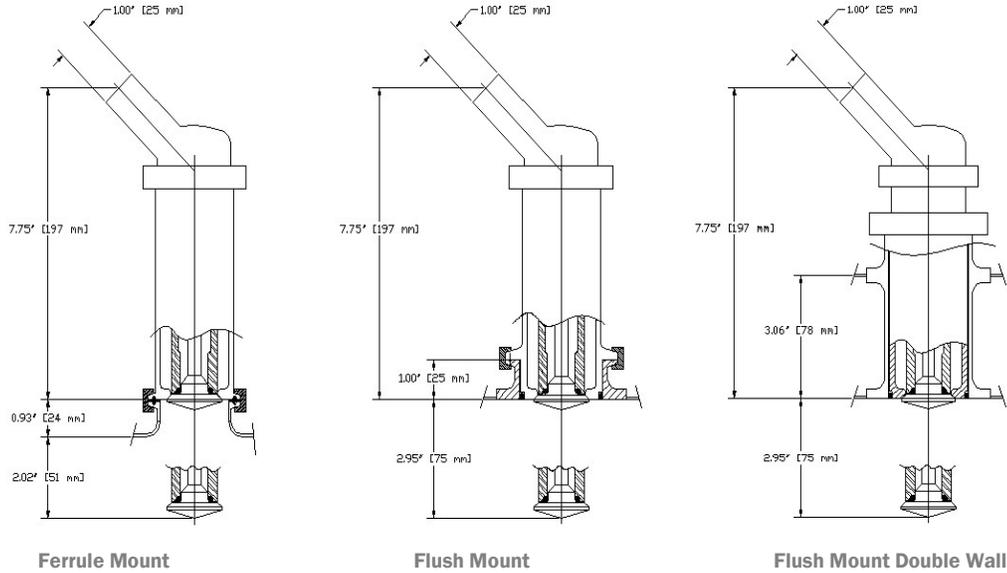
- ▶ Liquid-activated design uses less utilities and hookups for operation. No airlines required.
- ▶ Fully retractable spray head.  
Allows nozzle to remain in place during production without causing process disturbance.
- ▶ USDA accepted for sanitary process applications. Can be completely removed for inspection.
- ▶ Large spray range cleans hard to reach areas.  
Configurations: forward spray, back spray, lowflow
- ▶ Complete stainless steel construction.
- ▶ Designed with minimal number of components compared to other type nozzles.  
No breakable or leaking parts.
- ▶ Easy to assemble. No tools required.
- ▶ Available with 1" or 2" liquid connection.
- ▶ Ferrule mount or flush mount for uncladded, cladded and cladded/insulated vessels.
- ▶ Retrofits for existing spray devices

Evaporator Dryer Technologies, Inc. provides the services of custom design, engineering and supply of evaporators, spray dryer systems and components with an innovative approach that will modernize and improve plant performance and operational safety.

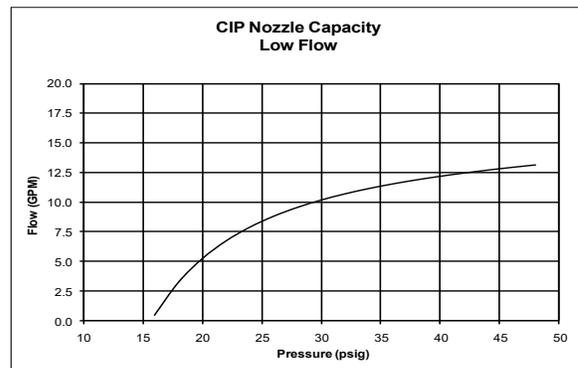
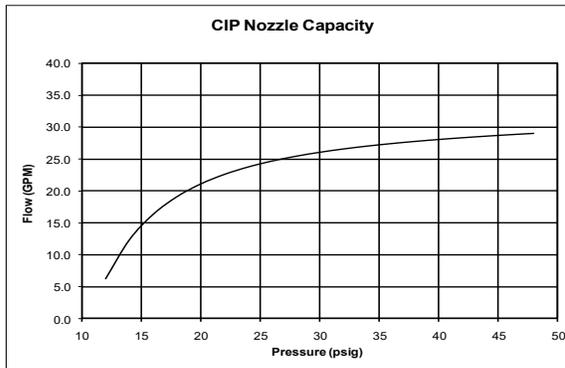
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## Installation



## Flow Rates



## Specifications

**Material:** 316 stainless steel

**Liquid Pressure:** 25 - 40 psig  
opening pressure 10 psig

**Flow Rates:** 25 GPM; low flow 10 GPM

**Spray Jet:** 60° x 200° coverage  
8 - 12 feet diameter

**Spray Pattern:** Forward, back, combination, custom



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