

# ATOMIZER



Unlike conventional spray nozzles that rely on high velocity pressure to shear a fluid into small drops, the ultrasonic atomizer uses vibrational energy to generate a low velocity mist. Volumes can vary from microliters to liters, and atomize continuously or intermittently.

The liquid travels through the probe and spreads out as a thin film on the atomizing surface. The ultrasonic vibrations are intensified by the probe and focused at the tip where the atomization takes place. The oscillating tip disintegrates the liquid into micro-droplets, and releases them to form a gentle, low velocity spray. Median droplet size is 50 $\mu$ m.



**PART NO.**  
VCX 134ATA

- Continuous or intermittent spray
- Dispense with minimum overspray
- Pressureless, low velocity atomization
- Multiple probe options
- 40 kHz frequency
- Clog resistant

## NARROW DISPERSION PROBE

**PART NO.**  
630-0667



## WIDE DISPERSION PROBE

**PART NO.**  
630-0668



## DUAL INLET PROBE

**PART NO.**  
630-0654



A PROBE IS NOT INCLUDED AND MUST BE ORDERED SEPARATELY.