

Remove Bubbles from Chemical Processes

CBA Series debubblers reduce bubbles from high-purity chemical delivery and wafer process systems. They feature 4-in inside diameters, which offer debubbling greater surface area. They are available in various connectable pipe lengths. They feature configurable port connections, and tongue-and-groove seals. Liquid level sensor to mount is available.

Advanced Technologies

- Process-safe PTFE, PFA flow paths
- Up to 7 Bar (100 psi) pressures
- Up to 100°C (212°F) temperatures
- Chemical delivery and wafer process debubbling
- Extruded PFA pipe with threaded connections
- Leak-Free Tongue-and-Groove seals
- Capacity up to 6 liters

Features & Benefits

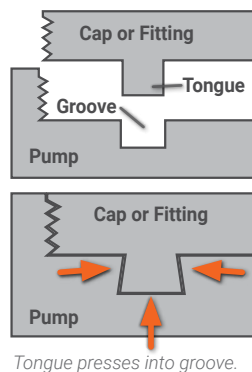
- Chemically-resistant PTFE/PFA fluid path
- Extruded PFA pipe with threaded connections offer easy setup and maintenance without welding
- Pressure capabilities up to 7 Bar (100 psi) provide high flow rates and allow for faster processes
- Operates in applications up to 100°C (212°F)
- Models capable of up to 6 liters

Operation

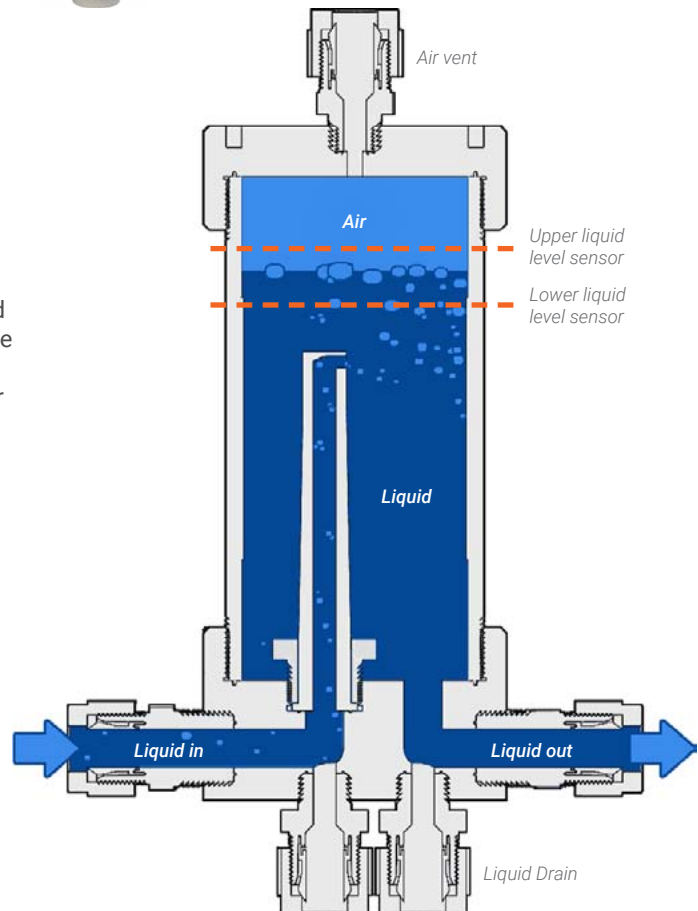
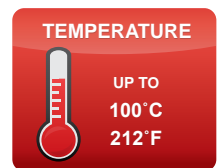
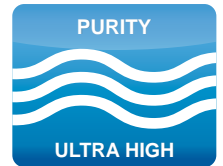
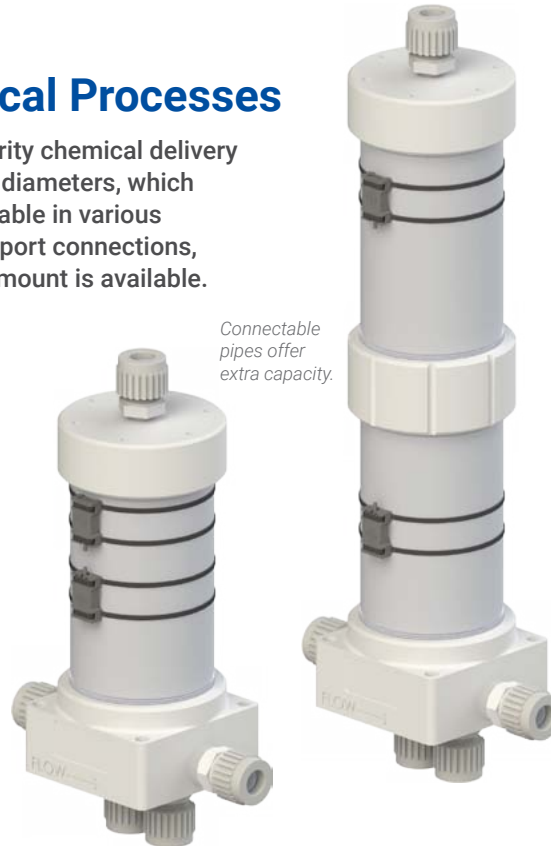
CBA Series debubblers redirect flow upward and slows the fluid so that air bubbles rise within the chamber. As air collects at the top, the liquid level drops until the lower sensor detects a low liquid level and signals a valve to open to releases air via the air vent. As air vents, the liquid level rises until the upper sensor detects a high liquid level and signals the valve to close.

Tongue-&-Groove Seal Technology

White Knight Tongue-and-Groove seals are the most reliable and reusable sealing technology available for high-purity applications. Their tongues expand diametrically within the grooves to create an interference fit and ensure reliable, effect sealing.

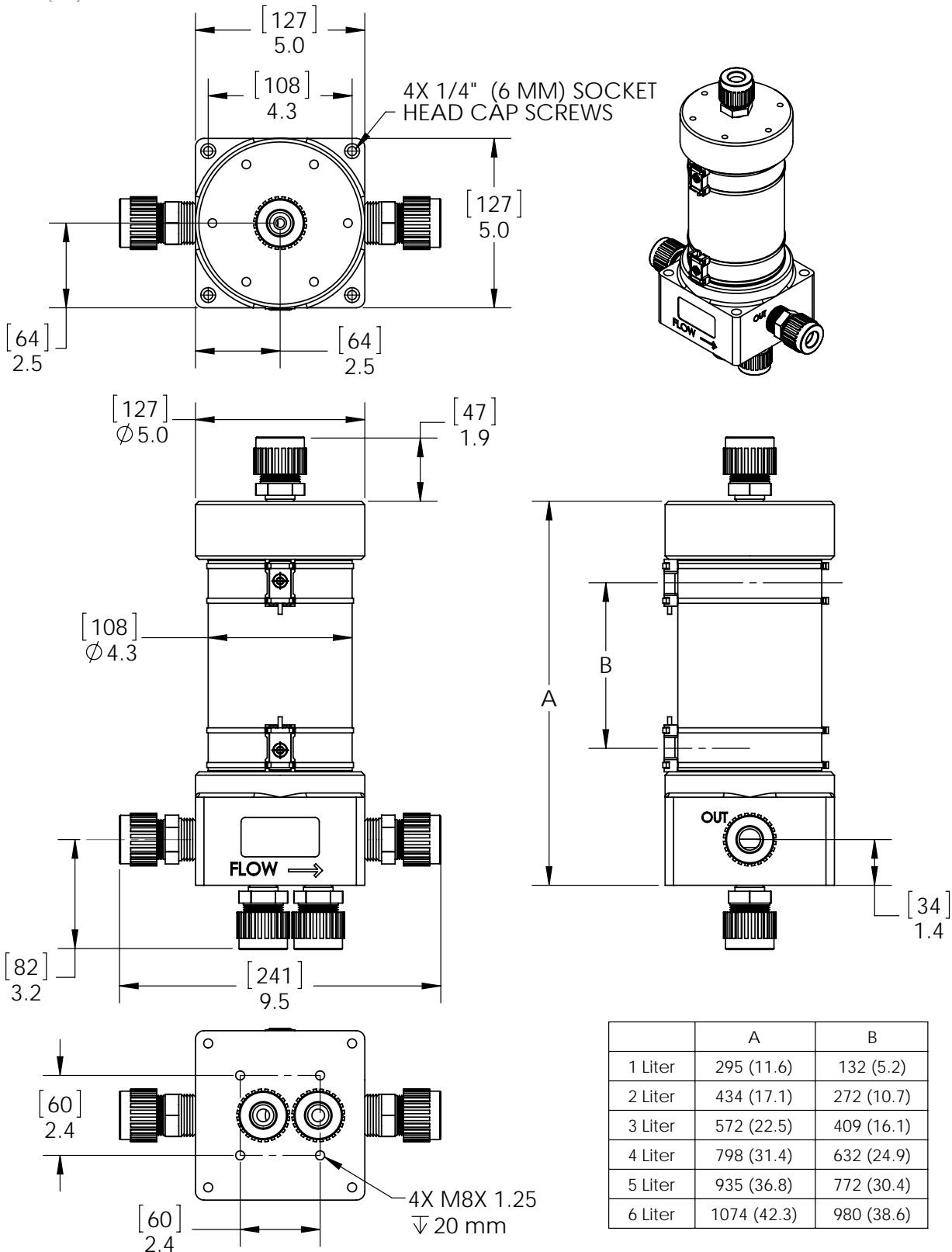


Connectable pipes offer extra capacity.



CBA Dimensions

inches [mm]



<https://wkfluidhandling.com/debubblers/>