

ACCUBATH®

QUARTZ BATHS WITH AQUASEAL®

the ultimate protection for your process vessel



AQUASEAL® IS...

A dual seal feature utilizing DI or house water to eliminate the cause of 95% of all heater failures

WHY YOU WANT AQUASEAL® VESSELS IN YOUR WET STATION

The most common failure mode in quartz heated baths is corrosion of the heater elements caused by chemical fumes that have penetrated the seal between the quartz vessel and plastic housing. By eliminating this problem the AquaSeal® vessel life can be extended indefinitely.

Analysis of failure data over an 8 year period shows that AquaSeal® vessels can last 3 to 5 times longer in Hot Phosphoric Acid applications and other applications where seal-penetration is common.

THE BENEFITS OF LONGER VESSEL LIFE

1. Reduced unscheduled downtime and the elimination of associated process qualification
2. Reduced replacement and/or repair costs
3. Reduced vessel spares inventory and related shipping costs
4. Reduced cost for switching-out vessels

AQUASEAL® IS THE DIFFERENCE IN PERFORMANCE

Aquaseal's patented technology grows out of empirical evidence concerning the white RTV seal used by IMTEC and other bath manufacturers. This room temperature vulcanizing silicon rubber compound is the nearly ideal sealing material.

- It adheres to both poly and quartz, creating an airtight bond
- Applied "wet", it conforms to the somewhat irregular quartz flange surface
- It is elastic and retains its elasticity for a prolonged period of time and variation of temperature
- It dries in a reasonably short time period

Still, white RTV is not the "perfect" seal because, as empirical evidence has proven, prolonged exposure to high heat and chemicals, or chemical fumes, will degrade the seal and eventually allow fumes into the heater area causing failure within a short time.

IMTEC®

e-mail: sales@imtecacculine.com • www.imtecacculine.com

The AquaSeal® System eliminates acid exposure to the RTV seal. By using DI or house water in a continuous flow through a channel in the vessel's flange, AquaSeal® forms a barrier between the RTV and the chemical environment. It also washes away any chemical residue and reduces the temperature in the seal area, lengthening the life of the seal, even while the bath is in operation. Protected by this dual seal feature, the RTV seal in IMTEC's quartz AquaSeal® vessels will be stronger after six months of use than when the vessels were first installed. These products are backed by a 30-month warranty.

IMTEC's AquaSeal® quartz processing vessels, together with the highest standards of quality and commitment to customer satisfaction, make a combination that is the difference in performance.

To determine about your possible savings/payback, to arrange a demo or if you would like additional information, contact your local IMTEC distributor.

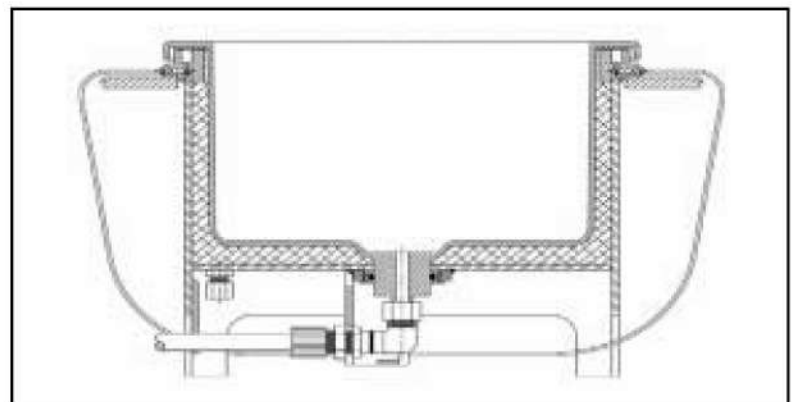
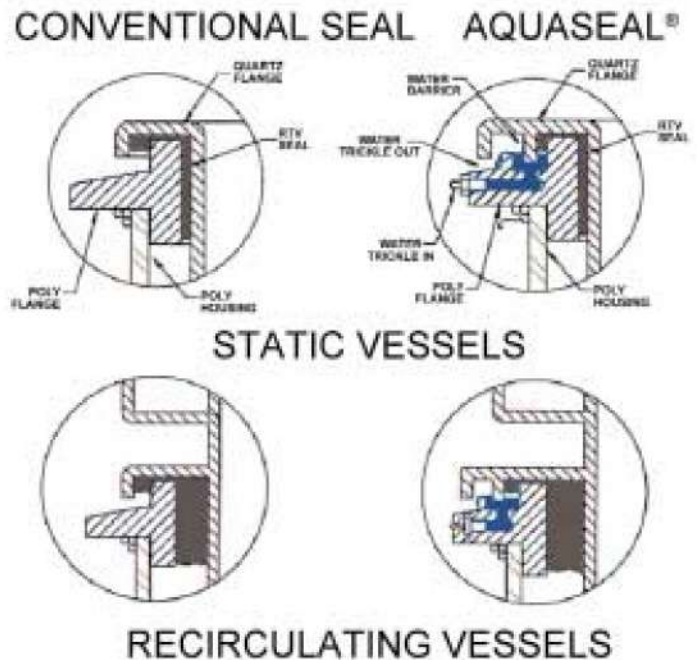
AquaSeal® Retrofits are available for all IMTEC vessels.

IMTEC AHEAD OF THE REST

IMTEC is the world's leading supplier of quartz constant-temperature process vessels. We introduced the semiconductor industry's first quartz recirculating vessel and our innovative heating system, with its high corrosion resistant and low R factor, is the industry standard for quality and performance.

For over 30 years IMTEC has consistently produced high-quality, innovative products to give our customers the most value for their investment.

IMTEC – we make the difference in performance



30 MONTH WARRANTY

AQUASEAL® carries the IMTEC extensive 30 month limited warranty. As with all IMTEC products, the ACCUBATH® product line benefits from over 30 years of experience and innovation that have made IMTEC the industry leader in process vessels for the semiconductor industry. IMTEC products are UL recognized and CE Certified. IMTEC Acculine, LLC is ISO 9001:registered.