

MYTHS VS FACTS

Water Myths

Ambient Methods of Generating
Water for Injection



GLOBAL • WATER • SOLUTIONS

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www.Aqua-Chem.com

**MYTHS
VS
FACTS**

The results of a recent poll on LinkedIn:

45% of the respondents expressed increased maintenance and service requirements as the most likely reason for slower adoption of Ambient methods of generating WFI & PW.

“ *Ambient WFI Systems require more service and maintenance than Hot Distillation processes.* ”

MYTHS VS FACTS

FACT

“Ambient WFI Systems require more service and maintenance than Hot Distillation processes.”

True:

Membrane based water purification systems require more service and maintenance than their hot process counterparts. Ambient systems require weekly, monthly, and annual maintenance and that means they will have a higher cost of labor and less uptime when compared with thermal processes. Also, there are consumables such as membranes which are not necessary with thermal hot distillation processes.

The advantage of Ambient WFI is a lower capital and energy cost compared to technologies like Vapor Compression Distillation with a trade-off of higher process complexity and maintenance frequency including consumable replacement and sanitization downtime.

TORRENT™

EFFORTLESS UPKEEP

- Easy to use sample station, front row center.
- Ergonomic component maintenance with defined maintenance access area.
- Separate Pumps and VFDs improve performance and reduce weight and replacement cost.
- Carbon vessels designed for simplified loading.
- Premium components selected for performance and reliability.

Aqua-Chem's Torrent™ WFI & PW Systems set themselves apart from competitors with an owner-focused design approach to simplify maintenance and several features that are designed at reducing downtime.

There are no surprises with Torrent™ thanks to well established service procedures and Aqua-Care™ total aftermarket support and service contracts.

Want to learn
more about

TORRENTTM ?

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