

MYTHS VS FACTS

Water Myths

Ambient Methods of Generating
Water for Injection



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**MYTHS
VS
FACTS**

The results of a recent poll on LinkedIn:

23% of the respondents expressed concerns about consistent final water quality as the most likely reason for slower adoption of Ambient methods of generating WFI & PW.

*“Ambient Water for Injection (WFI)
Generation Systems Final Water Quality is
not as pure as distillation.”*

MYTHS VS FACTS

MYTH

*“Ambient Water for Injection (WFI)
Generation Systems Filter Water Quality is
not as pure as distillation.”*

False:

Membrane based water treatment processes are engineered with multiple process steps to efficiently remove minerals, organics, bacteria, and dissolved gasses. Membrane integrity is ensured by use of pretreatment processes that remove sediment, hardness, and oxidizers from the raw water supply. The end result is that initial and long-term conductivity, pH, bacteria, and endotoxin results from a well designed and maintained membrane system are typically better than with distillation alone.

MYTHS VS FACTS

TORRENT™

Uncompromised Design

- 6.0 kDa final filtration boasts 4-log endotoxin removal and is compliant w/ USP, PhEur, and JP.
- Feedwater variability is an afterthought with a standardized 2 Pass RO + CEDI process that polishes conductivity beyond distillation quality.
- Robust pretreatment design protects membrane integrity reducing risk of product contamination.
- Gas removal options ensure product water compliance on challenging water sources.

Aqua-Chem's Torrent™ WFI & PW Systems provide peace of mind with a robust process design built to exceed current and future pharmaceutical water quality standards.

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 ?

Visit:

www.Aqua-Chem.com/Torrent/

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