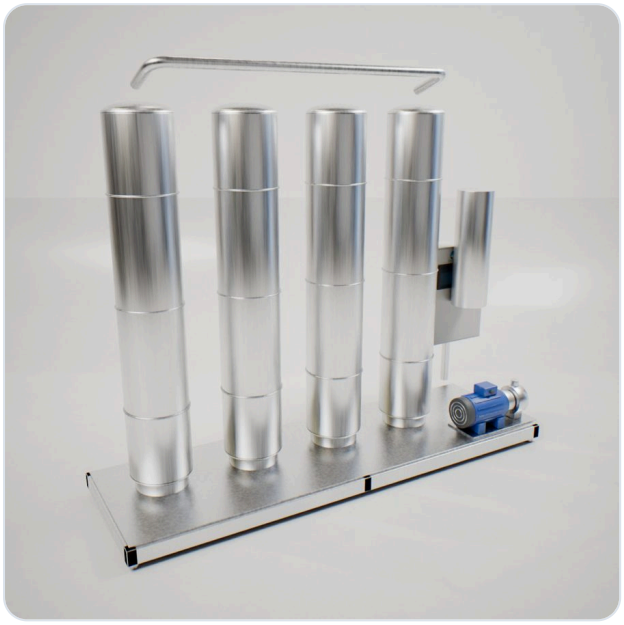
PRODUCT DATASHEET

Multi-Effect Distillation WFI System

WFI by multi-effect distillation





DETAIL – DISTILLATION COLUMNS

OVERVIEW

The Tech Inc. Multi-Effect Distillation WFI System makes water for injection (WFI) by distilling purified water through several columns, each heated by the steam from the one before. Separators in every column remove droplets carrying endotoxins, and the product is monitored for conductivity, TOC and temperature.

MODELS AND CONFIGURATIONS

- **Three-column still** – smaller plants.
- **Five- to eight-column still** – lower steam use.
- **With pure steam take-off** – combined WFI and pure steam.

TYPICAL DESIGN DATA

Output	200 to 10 000 L/h
Quality	To USP and EP WFI
Endotoxin reduction	3 log or better
Heating	Plant steam

APPLICATIONS

Injectable and parenteral manufacturing, biotech, ophthalmics and any process needing WFI.

KEY ADVANTAGES

- **Proven method** – accepted by all pharmacopoeias
- **Lower running cost** – steam reused across columns
- **Hot product** – self-sanitising WFI at 80 °C or more

Designed and built by Tech Inc. · **Part of the Davey Group since 1990**

Offices: Chennai · Toronto · Tallinn · Al Khobar

mail@techincresearch.com · +1 (289) 622-1032 · www.techincresearch.com

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