

# MASTERfit™ and MASTERpure™ Integrated Systems

Water is considered a critical utility for the biopharmaceutical industry. As a world leader in water purification, MECO provides the most innovative and sustainable clean utility solutions for our clients. Our complete integrated systems are designed to produce, store and distribute Purified Water or Water For Injection in accordance with pharmacopeia regulations and cGMP requirements. We call these systems “Tap to Tank” which provides the highest level of water quality throughout your plant. Fitted with the

latest technology, MECO’s MASTERfit™ and MASTERpure™ systems come with MECO *smartANALYTICS*™, a data profiling and predictive maintenance technology/service that allows MECO engineers to monitor your water systems’ performance as well as proactively schedule maintenance, optimize operations and make recommendations on sustainable best practices. To learn more about our integrated systems visit [www.meco.com/product/biopharmaceutical-custom-systems/](http://www.meco.com/product/biopharmaceutical-custom-systems/).



WHERE TOMORROW GETS ITS WATER.®

## MASTERfit™



### SIMPLIFIED DESIGN

- Softening and carbon filtration for pretreatment of vapor compression.



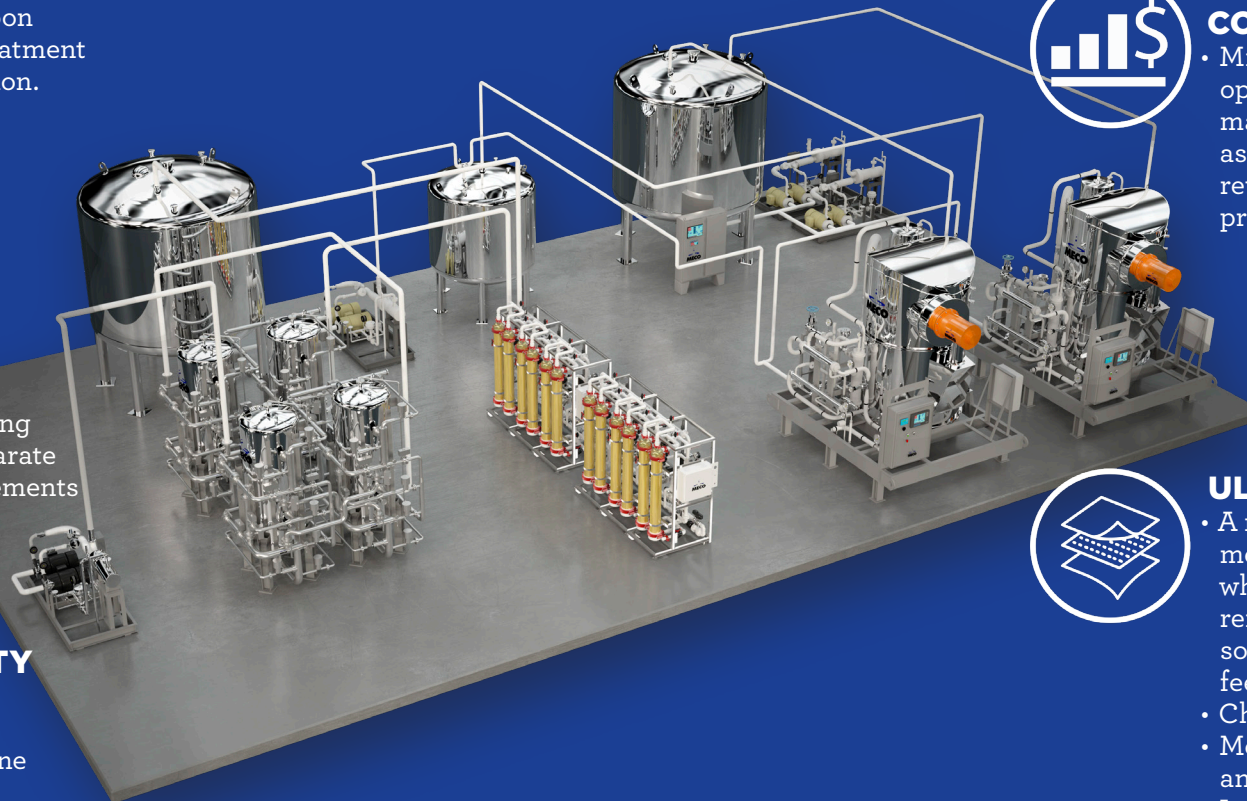
### OPTIMIZE OPERATIONS

- Integral steam sanitization reducing or eliminating separate pure steam requirements



### SUSTAINABILITY

- Lower energy consumption
- Eliminate membrane replacements
- Higher water recovery



## MASTERpure™



### MAXIMIZE COST SAVINGS

- Minimizing capital, operation and maintenance costs associated with reverse osmosis pretreatment systems.



### ULTRAFILTRATION

- A more efficient membrane barrier where desired for removal of suspended solids and bacteria from feed water supplies
- Chlorine tolerable
- Membrane backwash and rinse
- Long membrane life
- High water recovery

