

MASTERpak™ ULTRA

OVERVIEW:

- Completely pre-packaged “plug and play” system
- Product quality exceeds current USP standards for Water For Injection (WFI)
- Hot water sanitizable
- Integrated controls system
- Optional complete validation package with IQ/OQ protocol execution
- Supported by MECO 24-hour customer service
- Backed by warranty

PRODUCT HIGHLIGHTS:

Standard Features

- All major pretreatment, RO, EDI, and UF components located on skid(s)
- Unit is completely piped, wired, and assembled at the factory
 - Fully functional wet FAT
 - Reduces installation costs and startup time
- Automatic backwash, rinse, recirculation and sanitization functions
- Feedwater PID loop
 - Allows for fluctuations in feedwater pressure and temperature without affecting performance
- Backwashable and Sanitizable Carbon Filter
 - Eliminates channeling associated with non-backwashable designs
 - Reduces operational costs
 - Increases reliability as compared to chemical injection
- Pump with Variable Frequency Drive (VFD)
 - Allows for unit operation, chemical cleaning, and sanitization functions all with a single pump
- Automatic hot water sanitization
- Manual chemical sanitization
- Recirculation mode
 - Allows unit to continue operation when no water is being drawn from the system

Equipment Details

- Stainless Steel Feedwater Break Tank
- TEFC motor
- PVC pretreatment piping
- Sanitary 316L SST permeate and EDI piping
- Polypropylene air lines
- Stainless steel hardware
- Single point power supply
- Electric heating element for tempering feed water and sanitization



MODEL	CAPACITY IN GPM [LPM]
MP2Ultra	1-3 [4-11]
MP4Ultra	3-5 [11-19]
MP7Ultra	6-8 [23-30]
MP10Ultra	9-13 [34-49]
MP22Ultra	17-26 [64-98]
MP45Ultra	28-50 [106-189]
MP65Ultra	59-68 [223-257]

