

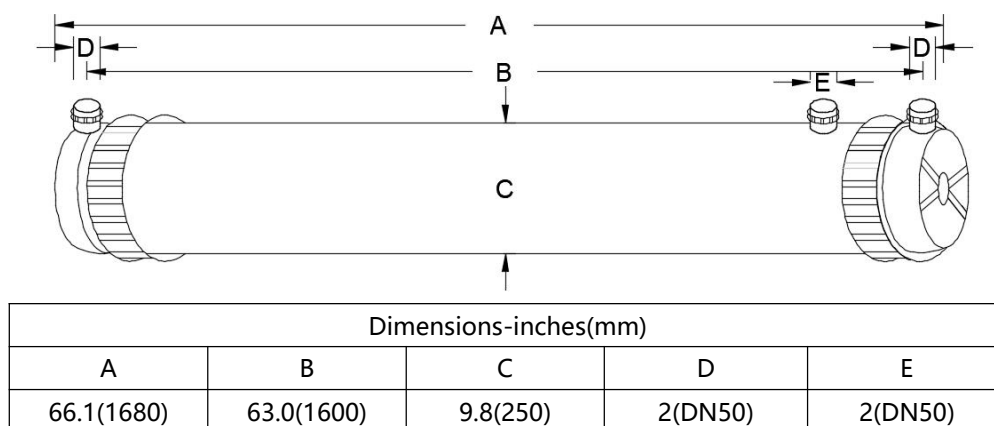
## FFM-AUF-861I

FFM's inside-out hollow fiber ultrafiltration membrane modules feature an innovative internal flow design where feed water permeates from the fiber lumen to the shell side, significantly enhancing fouling resistance and ensuring long-term flux stability. Made from high-strength PES/PS materials with excellent chemical resistance (pH 1.5-13), these modules deliver reliable filtration performance across diverse applications including electronic-grade ultrapure water production, pharmaceutical purified water systems, municipal drinking water treatment, industrial water reuse facilities, and reverse osmosis pretreatment systems.

### Performance Parameters

|                       |                                        |
|-----------------------|----------------------------------------|
| Membrane Material:    | PES/PS                                 |
| Housing Material:     | PVC                                    |
| Seal Material:        | Specialized epoxy resin                |
| Permeate Tube:        | PVC                                    |
| Membrane Type:        | Hollow fiber                           |
| Mode of Filtration:   | Inside-Out Pressurized                 |
| Active Membrane Area: | 861ft <sup>2</sup> (80m <sup>2</sup> ) |
| Membrane Pore Size:   | <0.03μm                                |
| Filtration Flux:      | 40-120L/(m <sup>2</sup> h)(23-71gfd)   |

### Product Specifications



### Operation

#### Parameters

|                              |                         |
|------------------------------|-------------------------|
| Operating Temperature Range: | ≤40°C                   |
| PH Tolerance Range:          | 1.5-13                  |
| Maximum Operating Pressure:  | 0.31Mpa(45psi)          |
| Maximum backwash pressure:   | 0.20Mpa (30psi)         |
| Maximum Filtration TMP:      | 0.20Mpa (30psi)         |
| Maximum Intake Pressure:     | 0.10Mpa (15psi)         |
| Backwash Flow:               | 3-12Nm <sup>3</sup> /hr |

\*For specialized applications or customized solutions, please contact FFM Inc. directly.