

TFM Series Water Separators

Titus
FILTERS

Introducing the TFM Series Water Separators

The TFM series water separator has been custom designed to eliminate points of low efficiency and remove 99% of bulk water out of your compressed air system. Avoid costly downtime by choosing the most reliable water separator on the market.

Features and Benefits

- Threaded & Flanged Connections: Wide range of connection sizes available, including 2", 2 ½", 3" threaded and 3" and 4" flanged
- Energy Efficient: Reduces both energy consumption and operating costs, operating with consistently low differential pressure
- Cost Effective: Replacement parts are not required, and modular construction increases cost savings
- Compact Design: Modular construction allows for space savings when multi-banking housings together
- Unique Spinner Design: Excellent liquid removal even at low velocities and ensures minimal pressure loss
- Corrosion Protection: Internally and externally protected by a formulated corrosion resistant coating



External Drain
Makes servicing the drain a simple, one-step process



Multi-Bank Option
Ability to bank housings together to save space and limit costs



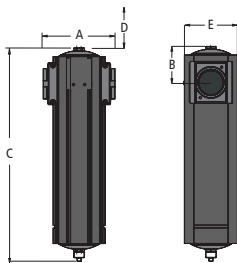
Efficient Centrifugal Module
Even at low velocities, removes 99% of bulk water from your system

Technical Specification

TFM Series Water Separator

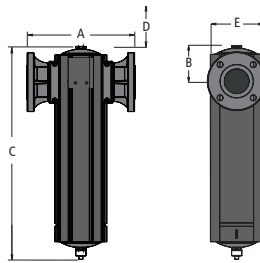
| Filter model | Pipe size | Inlet flow rate* | | Dimensions inches (mm) | | | | | Weight | |
|--------------|------------|------------------|---------------------|------------------------|------------|-------------|-------------|-------------|--------|------|
| | | SCFM | Nm ³ /hr | A | B | C | D | E | lbs | Kg |
| TFM0700S | 2" | 700 | 1189 | 9.13 (232) | 4.57 (116) | 25.59 (650) | 11.81 (300) | 6.73 (171) | 26.0 | 11.8 |
| TFM0850S | 2 ½" | 850 | 1444 | 9.13 (232) | 4.57 (116) | 25.59 (650) | 11.81 (300) | 6.73 (171) | 26.0 | 11.8 |
| TFM1500S | 3" | 1500 | 2550 | 9.13 (232) | 4.57 (116) | 25.59 (650) | 11.81 (300) | 6.73 (171) | 26.0 | 11.8 |
| TFM1500FS | 3" flanged | 1500 | 2550 | 13.86 (352) | 4.57 (116) | 25.59 (650) | 11.81 (300) | 6.73 (171) | 34.6 | 15.7 |
| TFM3000FS | 4" flanged | 3000 | 5097 | 18.00 (457) | 4.57 (116) | 25.59 (650) | 11.81 (300) | 13.50 (343) | 64.6 | 29.3 |

*Rated flow at 100 psig (7 barg), reference conditions at 14.7 psi(a) (1.014 bar(a)), 68°F (20°C)

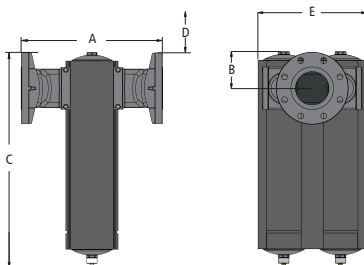


Model TFM0700S - TFM1500S

| Grade | WS | |
|---|----------|---------|
| Maximum recommended operating temperature | 176°F | 80°C |
| Minimum recommended operating temperature | 35°F | 1.5°C |
| Maximum working pressure | 232 psig | 16 barg |



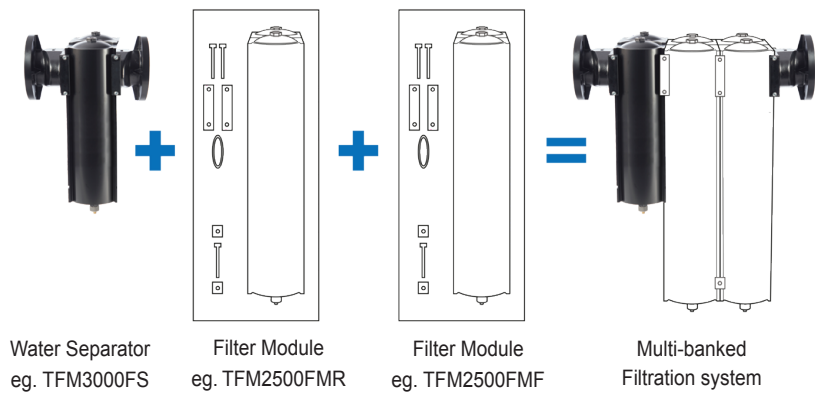
Model TFM1500FS



Model TFM3000FS

All TFM Water Separators can be multi-banked to TFM Filter Modules to create compact and space saving filtration solutions.

Example: Air Purity Classification 1,-,1



Technical notes

- Water Separators and Coalescing Filters are fitted with float operated automatic drain valves. When high quantities of liquids are anticipated, Titus Air Systems recommends the use of electronic drain valves with Water Separators.
- Water Separators can be multi-banked to appropriate TFM Series Filter Modules using the slim-line connectors that are supplied with each Filter Module.
- Flanged connections are ANSI compatible 150lb (3" and 4") as standard. For DN type flanges contact your sales representative.
- Threaded connections are NPT to ANSI B2.1 as standard. For Rp (BSP parallel) to ISO 7/1 connections, please contact your sales representative.