

# Monitors

## Protector Station Manual Monitor

Patented waterway and stream straightening vane reduce friction loss and turbulence. Designed to deliver water or foam solution at flows up to 1250 gpm (4732 Lpm). Bolts directly to 4 in. pipe flange. 2 1/2 in. male NHT outlet. 1/2 in. NPT drain valve and pressure gauge ports.



ORDER NOZZLE SEPARATELY

The Protector is constructed of A356.0 ANSI alloy heat treated to T6 with poly-impregnation casting treatment. It is also hardcoat anodized per military specification MIL-A-8625F Type III, Class 1 and features polyester powder-coated outer surfaces inside and out. The swivel clamps, 3 in. valve ball, trunnions and hardware are 18-8 stainless steel. The monitor may be used to deliver water or foam streams. Built-in on/off valve.

PART NO. 427469

## Manual Monitor MM-1000-3

Designed to deliver 1000 gpm (3785 Lpm) water or foam solution depending on nozzle selected. 3 in. continuous tubing reduces friction loss. Single tiller bar operation with lock knobs. 3 in. 150 lb ANSI mounting flange. 360° sweep. 160° total vertical movement. 2 1/2 in. male NHT outlet. Carbon steel with red polyester finish or stainless steel with electropolish finish.



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**MM-1000-3**

PART NO. 400276

**SS-MM-1000-3**

PART NO. 402825

## Manual Monitor MM-1000-4

Designed to deliver 1000 gpm (3785 Lpm) water or foam solution depending on nozzle selected. 3 in. continuous tubing reduces friction loss. Single tiller bar operation with lock knobs. 4 in. 150 lb ANSI mounting flange. 360° sweep. 160° total vertical movement. 2 1/2 in. male NHT outlet. Carbon steel with red polyester finish or stainless steel with electropolish finish.

**MM-1000-4**

PART NO. 400286

**SS-MM-1000-4**

PART NO. 402826

## WOM-3 Automatic Water-Oscillating Monitor

Designed to deliver 1000 gpm (3785 Lpm) water or foam solution. Automatically oscillates via water-powered piston and cylinder. Field adjustable up to 200° sweep. 90° total vertical movement. Non-slip lock sets elevation. 4 in. 150 lb ANSI mounting flange. 2 1/2 in. male NHT outlet. Stainless steel available.

**WOM-3**

PART NO. 400000

**WOM-3SS**

PART NO. 400251



## WOM-4 Automatic Water-Oscillating Monitor

Designed to deliver 1750 gpm (6624 Lpm) water or foam solution. Automatically oscillates via water-powered piston and cylinder. Field adjustable up to 165° sweep. 114° total vertical movement. Handwheel sets elevation. 4 in. 150 lb ANSI mounting flange. Special outlet flange connection for AFN-2 foam nozzle. Outlet adaptor available to NHT.

**WOM-4**

PART NO. 402675

## Optional Support Stand

Steel support stand facilitates mounting of monitor and inlet piping. Fits WOM-3 and WOM-4 monitors.

PART NO. 400987

## Filter Package

Alternate filter package for muddy water applications. Fits WOM-3 and WOM-4 monitors.

PART NO. 77814

# Monitors

## High-Flow Series Monitors/Nozzles

The High-Flow Series achieves flow rates from 800 to more than 5000 gallons per minute (3000 to 18927 Lpm) depending on the model, nozzle setting, and inlet pressure. The dual waterway design, integrated nozzle, lightweight stainless steel construction and integral copper alloy nozzle make the High-Flow Series well suited for marine applications and other corrosive environments. The manual monitor is available with a standard or self-educing nozzle.

**FJM-80, 1000 gpm @ 232 psi (3785 Lpm @ 16 bar)**

PART NO. 431100

**FJM-80 S with suction hose\***

**1000 gpm @ 232 psi (3785 Lpm @ 16 bar)**

PART NO. 431101

**FJM-80 P, 800 gpm @ 200 psi (3000 Lpm @ 13.8 bar)**

PART NO. 431102

**FJM-80 SP with suction hose\***

**800 gpm @ 200 psi (3000 Lpm @ 13.8 bar)**

PART NO. 431103

**FJM-80 PO, 800 gpm @ 200 psi (3000 Lpm @ 13.8 bar)**

PART NO. 431104

**FJM-80 SPO with suction hose\***

**800 gpm @ 200 psi (3000 Lpm @ 13.8 bar)**

PART NO. 431105

**FJM-80-SWTO Self-Educting, Water Oscillating**

PART NO. 433806

**FJM-80-WTO Water Oscillating**

PART NO. 433233

**FJM-100, 1600 gpm @ 232 psi (6000 Lpm @ 16 bar)**

PART NO. 431106

**FJM-100 S with suction hose\***

**1600 gpm @ 232 psi (6000 Lpm @ 16 bar)**

PART NO. 431107

**FJM-100/C/MV EL\*\***

**1600 gpm @ 232 psi (6000 Lpm @ 16 bar)**

PART NO. 431108

**FJM-100-WTO Water Oscillating**

PART NO. 432643



MODEL FJM-200

**FJM-100-WTO-S Water Oscillating**

PART NO. 432704

**FJM-150, 3100 gpm @ 232 psi (11,700 Lpm @ 16 bar)**

PART NO. 431109

**FJM-150 S with 2 in. suction hose\***

**3100 gpm @ 232 psi (11,700 Lpm @ 16 bar)**

PART NO. 431110

**FJM-150 G, 3100 gpm @ 232 psi**

**(11,700 Lpm @ 16 bar)**

PART NO. 431111

**FJM-150 S G with 2 in. suction hose\***

**3100 gpm @ 232 psi (11,700 Lpm @ 16 bar)**

PART NO. 431112

**FJM-150/C/MV EL\*\***

**3100 gpm @ 232 psi (11,700 Lpm @ 16 bar)**

PART NO. 431113

**FJM-150-WTO Water Oscillating**

PART NO. 433235

**FJM-200/C/MV G, 5300 gpm @ 232 psi (20,000 Lpm @ 16 bar)**

PART NO. 431114

**FJM-200/C/MV S G with suction hose\***

**5300 gpm @ 232 psi (20,000 Lpm @ 16 bar)**

PART NO. 431115

**FJM-200/C/MV EL/MV\*\***

**5300 gpm @ 232 psi (20,000 Lpm @ 16 bar)**

PART NO. 431116

\* Specify flow, inlet pressure, concentrate and % concentration

\*\* Specify voltage and current type

EL = electric gear motor driven; G = gear operated; O = water oscillating;

P = portable; S = self-educing



MODEL FJM-80