

## Alpha Series Manual Monitors

### Description

Alpha Series manual monitors are economical, rugged, and suitable for many fixed applications. The series includes the following monitors:

- Alpha-E monitor
- Alpha MA-HV4 monitor
- Alpha-SWH monitor

### Alpha MA-HV4 Monitor



010203

Alpha MA-HV4 manual monitors have the following features:

- Rugged and lightweight aluminum construction
- Durable acrylic urethane finish
- Weighs about 38 lb (17 kg) without a nozzle
- Maximum flow rate of up to 2000 gpm (7570 Lpm) is provided by a single 4 in (102 mm) full-flow waterway with internal turning vanes
- Supplied with a 3.5 in. (M)NHT outlet
- Supplied with a 4 in., 150 lb ANSI flat faced flange inlet
- Vertical movement is controlled by a "Quick Acting" tiller bar from +75° above vertical and -25° below vertical and 360° horizontal movements
- "Easy-Lock" brake system insures the nozzle position "stays put" with the simple twist of an ergonomically designed locking bar
- Optional pressure gauge
- Alpha MB-4 brass version is also available
- Designed to minimize maintenance needs

### Alpha-E Monitor



010205

Alpha-E manual monitors have the following features:

- Rugged and corrosion-resistant brass construction
- Durable acrylic urethane finish
- Compact design with a height of 16 in. (406 mm) and a weight of about 58 lb (26 kg) without a nozzle
- Low friction loss with vaned elliptical waterway
- Maximum flow rate of up to 1250 gpm (4732 Lpm)
- Supplied with a 2.5 in. NHT male outlet
- Choice of a 3 in. or 4 in. 150 lb ANSI flat faced flange inlet
- Vertical movement is controlled by a tiller bar from 90° above horizontal to 45° below horizontal
- Full and continuous 360° rotation with a rugged, stainless steel lock hardware
- Easy lubrication is provided by brass balls used in all swivel joints with grease fittings
- Designed to minimize maintenance needs
- FM Approved

## Alpha-SWH Monitor



010204

Alpha-SWH manual monitors have the following features:

- Rugged and corrosion-resistant brass construction
- Durable acrylic urethane finish
- Extremely versatile and serves a variety of real world needs
- Designed to minimize maintenance needs
- Red urethane enamel finish
- Compact design with a height of 16 in. (406 mm) and weight of 48.5 lb (22 kg)
- Maximum flow-rate of up to 1250 gpm (4732 Lpm) is provided by a 3 in. (25 mm) unobstructed waterway
- Supplied with a 2.5 in. (M)NHT outlet
- Choice of a 3 in. or 4 in. 150 lb ANSI flat faced flange inlet
- 130° vertical movement from 70° above horizontal to 60° below horizontal
- 360° horizontal movement with positive twist lock
- Single hand-wheel driven, stainless steel worm gear is fully enclosed in the gear case and protected from the elements
- Vaned elbow
- Gear holds a vertical position when it is stopped
- Easy lubrication is provided by four bronze ball races used in all swivel joints and grease fittings

## Ordering Information

When ordering the Alpha-E manual monitor, Alpha MA-HV4 manual monitor, or Alpha SWH manual monitor, use the following ordering information:

Part Number	Description
10045	ALPHA-E, tiller bar, 3 in. 150 lb flat faced flange inlet, 3 in. waterway, 2.5 in. (M)NHT, brass, FM Approved
10044	ALPHA-E, tiller bar, 4 in. 150 lb flat faced flange inlet, 3 in. waterway, 2.5 in. (M)NHT, brass, FM Approved
10040	ALPHA MA-HV4, tiller bar, 4 in. 150 lb flat faced flange inlet, 4 in. waterway, 3.5 in. (M)NST, aluminum
10041	ALPHA MA-HV4 with gauge, tiller bar, 4 in. 150 lb flat faced flange inlet, 4 in. waterway, 3.5 in. (M)NST, aluminum
12138	ALPHA MB-4, tiller bar, 4 in. 150 lb flat faced flange inlet, 4 in. waterway, 3.5 in. (M)NST, brass
10043	ALPHA-SHW, single hand wheel, 3 in. 150 lb flat faced flange inlet, 3 in. waterway, 2.5 in. (M)NST, brass
10042	ALPHA-SHW, single hand wheel, 4 in. 150 lb flat faced flange inlet, 3 in. waterway, 2.5 in. (M)NST, brass

**Note:** The converted values in this document are provided for dimensional reference only and do not reflect an actual measurement.

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