

DeckMaster Electric Monitor

12V, Ull logic box, control box, cables

STYLE 3440

The DeckMaster Monitor is a technologically advanced, electrically controlled deck monitor with automated elevating capability. Includes monitor, Ull logic box with interface cable, 4 switch operator station, 10' CAN control cable, tee connectors and terminators. Nozzle not included.


Features

The unique design of the DeckMaster Monitor allows electric elevation and positioning more than 24" above the base of the flange for operation over obstructions with the push of a switch. DeckMaster Electric Monitor

- 340° horizontal rotation with adjustable stops
- Vertical travel 90° above to 45° below horizontal
- Manual override for horizontal, vertical and elevation control
- Stow position set easily by the end user
- Automatic drain for freeze protection
- Diagnostic light for trouble-shooting
- Connection for deployed indicator light
- Available in 12 or 24 volt - Must specify
- Optional position feedback - Must specify



Specifications

Style	3440
Warranty	
Weight	55 lbs (25 kg)
Type	Electrical
Material	Pyrolite
Brand	DeckMaster
Width	16.75 in (425.5 mm)
Height	14.5 in (368.3 mm)
Depth	17 in (431.8 mm)

DeckMaster Electric Monitor 12V, UII logic box, control box, cables

STYLE 3440

Deployed DeckMaster with SaberMaster



DeckMaster with SaberMaster



New stow/deploy sensor



New stow/deploy sensor



DeckMaster Electric Monitor 12V, UII logic box, control box, cables

STYLE 3440

DeckMaster Electric Monitor Specifications

The 1250 gpm rated monitor is to be an all electric single waterway monitor with automated elevating capability, 3" 150 pound flange inlet, 2 1/2" NH threaded outlet, cast-in turning vanes in each elbow, constructed of lightweight Pyrolite. The monitor shall have fully enclosed 12 or 24 volt motor and gears with manual override for horizontal, vertical, and elevation rotation. Each manual override will have a non-captive crank with a clip bracket on the monitor for storage. The monitor is not to exceed, 17" high, 16 3/4" wide, and 17" deep in the stowed position. The center of the waterway will elevate to a height of 24" above the base of the flange. The outlet shall have a vertical rotation of 45° below horizontal to 90° above horizontal and 344° of horizontal rotation will be achievable with adjustable stops. The electronic control system shall include two multi-pin connectors for the monitor and apparatus interface and have an IP65 rated enclosure with pressure equalization device. The electronic control system shall be capable of communicating on the J1939 CAN bus system and have nine digital inputs and three digital outputs that can be used for monitor control. The electronic control system shall have a bi stable electro-mechanical relay provision for a second deployed indicator light in the apparatus cab. Each operator interface shall control the vertical and horizontal position of the monitor, and the pattern of the nozzle using toggle switches or membrane type push buttons. The operator interface will also have a toggle switch or membrane type push buttons to command the monitor into a user programmed stowed or deployed position. The operator interface shall have an LED light or alphanumeric display to indicate when the monitor is deployed and provide codes for system diagnostics.