



# LEVEL & LEAK DETECTION

## VERTICAL FLOAT SWITCH VS-120R1R9L-01

### DESCRIPTION

The **Mercury Displacement Model VS-120R1R9L-01** vertical float switch is designed for sump pump control. The unit features adjustable float stops, a rod guide, pipe clamp, and stainless steel bracket. The switch and cord assembly is suitable for exposure to sewage environments. The plug assembly fits into a standard three-prong, 120 VAC electrical outlet and has an integral three-prong switched socket for sump pump control. The pump connects into the back of the power plug and switching level actuation is controlled through the positioning of the float using the field adjustable stops. The **VS-120R1R9L-01** contact makes on the high level setting and opens on the low level setting.

### FEATURES

- **SPDT mechanical switch**
- **10A contacts rated for 1/2 hp**
- **Float suitable for sewage and high temperature**
- **Adjustable float stops**
- **Mounts to sump discharge pipes up to 2.5" (6 cm)**

### SPECIFICATIONS

Relay Type	SPST (N.O. When Float is Down)
Relay Rating	13A, 120/240 VAC 1.2 HP, 120/240 VAC
Wetted Materials	Black Polypropylene
Mounting Orientation	Vertical, Bracket or 2.5" pipe clamp
Control Span	Adjustable 1" to 6"
Wiring Pin-Out	Hot through SPST switch Earth pin, Connects through (Green) Neutral pin, Connects through (White)
Ambient Temperature	33° to 140°F (1° to 60°C)
Assembly	
Enclosure	Sealed ABS plastic, NEMA-6, IP67
Guild Rod	Fiberglass
Float Stops	Stainless Steel
Float	Polypropylene
Cable	10 feet of 16-2 SJ cord
Wiring Terminations	Piggy-back three-prong standard plug
Operating Temperature	140°F (60°C) maximum
Enclosure Rating	ABS plastic, NEMA 4
Dimensions	
Assembly	12.5"H x 2.5"W x 3.75"D
Float	2.37"H x 2.37"D
Weight	1.3 lb (0.6 Kg)
Approvals	CSA, UL File #E93774
Warranty	1 year

### ORDERING INFORMATION

MODEL	DESCRIPTION
VS-120R1R9L-01	Vertical float switch

MDI



VS-120R1R9L-01

### DIMENSIONS

