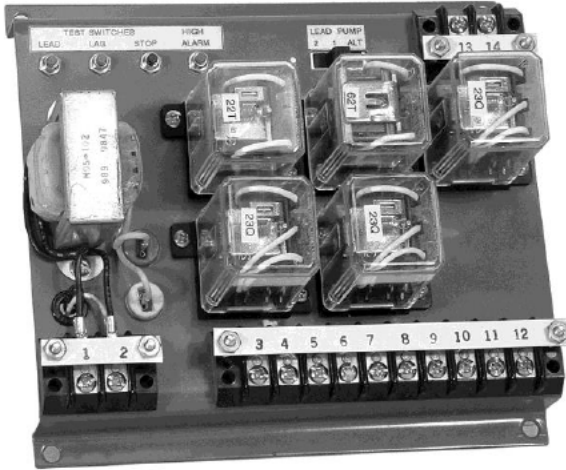


## PUMPMASTER

### LIFT STATION CONTROLLERS

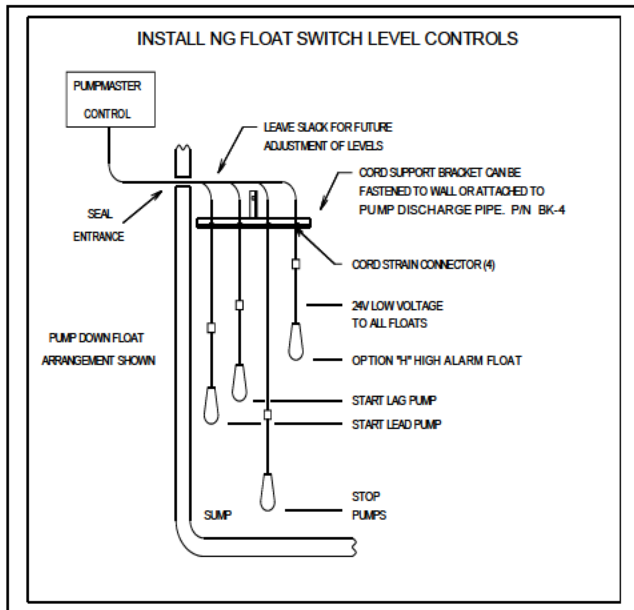
#### TIP FLOAT TYPE



Pumpmaster controls sewage lift station pumps automatically at specified levels in the wet well. The controller provides low voltage to non-mercury or mercury type tip floats. Pumpmaster controls can control 1, 2 or 3 pumps. The controller is available with 2 pump or 3 pump alternation. High and low level alarm is a option on all controllers. The control features all plug in relays, with float test switches.

P2AH-123-1 Pumpmaster for 2 pumps with automatic alternation, lead pump override switch, allows the operator to select 1-2, 2-1, or ALT, float test switches, high alarm option. Plug in relays with output contacts rated for 120v/230v.

#### Tip Float Installation



Low voltage floats are easy to install and require an mounting bracket that mounts at the top of the wet well. Lower tip floats to desired operating level and use the cord strain connector to grip the cords in place. Tip floats are held in place with weights on the cord and require no float tubes, special pipes or pipe clamps.

Tip floats are available for pump down or pump up applications. Floats cords lengths can be special ordered up to 100 feet.

### MASTER LEVEL CONTROLS CO.

19900 County Road 81, Maple Grove, MN 55311

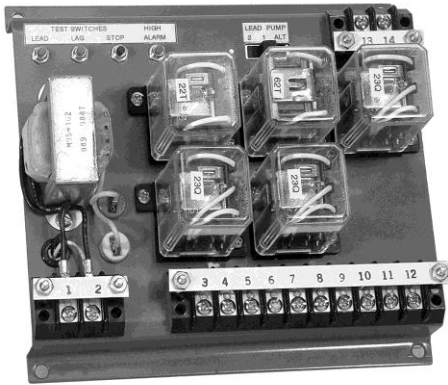
PO Box 427, Rogers, MN 55374

Phone 800-MLC-8020 651-426-9085 Fax 651-426-9354 E-mail info@masterlevel.com

## PUMPMASTER

### LIFT STATION CONTROLLERS

#### TIP FLOAT TYPE



#### Specifications for a Pumpmaster Control

There shall be installed, as indicated on the plans, a control to automatically operate the sewage pumps. The control shall have tip floats in the wet well located at specified levels of operation. The tip floats and cables shall be of materials that will withstand raw sewage and shall be suspended from the top of the wet well. The floats shall not require a vertical pipe in the wet well which may collect debris. The control shall incorporate level

simulation test switches and standard stock plug-in relays for both control and alternation. The voltage to the tip floats shall be 24V. The output contacts of the control shall have a non inductive rating of 10 amperes at 120VAC. The control shall be a Model P2AH-123-1 Pumpmaster as manufactured by Master Level Controls Co.



#### MECHANICAL TIP FLOAT (NON-MERCURY)

Mechanical tilt switch for applications where the presence of mercury is a concern. The switch is protected with a high impact and corrosion resistant ABS shell. The cable is oil resistant SJOW neoprene jacketed. The switch is rated 13 amps, 120V/230V.

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# MASTER LEVEL CONTROLS

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## PUMPMASTER

AUG 2018

### LIFT STATION CONTROL, PUMP DOWN

MODEL NO.	DESCRIPTION	FLOATS REQ'D	PRICE
P1-154-1	Pumpmaster Control for 1 pump, Nema 1 encl. 120v/230v Starter Coil, 120V control.	2	
P1H-154-1	Pumpmaster Control for 1 pump, Nema 1 encl. High Alarm, 120v/230v Starter Coil, 120V control.	3	
P2-133-1	Pumpmaster Control for 2 pump, Nema 1 encl. 120v/230v Starter Coil, 120V control, Lead and Lag Start, Common Stop.	3	
P2A-122-1	Pumpmaster Control for 2 pump, Nema 1 encl. 120v/230v Starter Coil, 120V control, Lead and Lag Start, Common Stop. Automatic Alternator, Override Switch.	3	
P2AH-123-1	Pumpmaster Control for 2 pump, Nema 1 encl. 120v/230v Starter Coil, 120V control, Lead and Lag Start, Common Stop. High Alarm Automatic Alternator, Override Switch.	4	
P3AH-164-1	Pumpmaster Control for 3 pump, Nema 1 encl. 120v/230v Starter Coil, 120V control, Lead, Lag Standby Start, Common Stop. High Alarm, with 3 Pump Alternator, Override Switch.	5	

### TIP FLOAT SWITCHES

#### MECHANICAL TIP FLOATS (NON-MERCURY)

BLU-40W	Pump Down, High Alarm, NORMALLY OPEN with 40 ft. cord.
YEL-40W	Pump Up, Low Alarm, NORMALLY CLOSED with 40 ft. cord.

*All Prices Subject To Change Without Notice*

*F.O.B. Rogers, MN*

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