

AUTOMATIC BILGE SWITCHES

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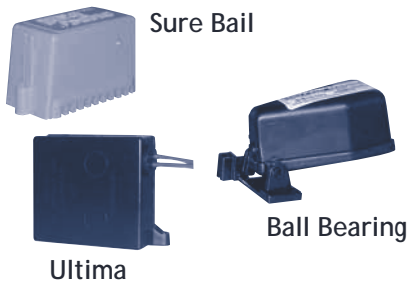


RULE MERCURY-FREE FLOAT SWITCHES

The Rule switch family offers a variety of configurations to meet your needs, and all are Mercury-Free. They are available with or without fuse holder. All switches will operate on 12, 24 or 32 vdc.

Model Number	Cover Name	Fuse	Max. Amps	Dimensions (H x W x L)
35A	Rule-A-Matic	No	14	2" x 1 1/2" x 4 1/2"
35FA	Rule-A-Matic	Yes	14	2" x 1 1/2" x 4 1/2"
37A	Super Switch	No	20	2" x 2" x 5"
37FA	Super Switch	Yes	20	2" x 2" x 5"
40A	Rule-A-Matic Plus	No	20	2 3/4" x 2 1/2" x 4 7/8"
40FA	Rule-A-Matic Plus	Yes	20	2 3/4" x 2 1/2" x 4 7/8"

SWITCHES



BALL BEARING, MERCURY AND ELECTRIC SWITCHES

The Sure Bail utilizes a mercury float enclosed under a protective cover that incorporates a manual test feature. The Johnson 2601 uses a ball bearing that actuates a micro switch within the float as the water level rises. The Ultima Switch™ by Johnson uses "Field effect" technology to sense rising water. No moving parts means long life and no battery drain from "stuck switches". This switch is unaffected by oil, fuels and debris.

Model Number	Brand	Type	Volts	Max. Amps	On/Off	Dimensions (H x W x L)
SB Sure Bail	Sure Bail	Mercury	6 - 32 vdc	15	1 3/4" / 1/8"	3" x 2 1/2" x 5 1/2"
JS 2601	Johnson	Ball Bearing	6 - 32 vdc	15	1" / 1/4"	2 1/4" x 3" x 4 1/2"
JS 36303	Johnson	Electronic	12 - 24 vdc	20	2" / 3/4"	2 1/2" x 1 1/4" x 3 1/2"

NOTE: Mercury switches cannot be sold in certain states including California, Maine and Connecticut. Check your local laws. Mercury is an environmentally hazardous material and is extremely poisonous. Use proper hazardous waste disposal practices when replacing a mercury switch.

ULTIMATE



THE ULTIMATE SWITCH

The Ultimate switch family is the most reliable switch on the market. Tested to over 250,000 cycles, they have proven their reliability. Each switch comes with a 5 year warranty. The Ultimate Junior and Ultimate Mini features a non-magnetic sensor tube to actuate a pump or alarm. The Ultimate Senior has two switch sensors which allows the operation of a pump and alarm. Each switch comes with a stainless mounting clamp.

Model Number	Volts	Max. Amps	On/Off	Height	Diameter
Ultimate Senior	12 vdc	15	2 1/2", 3 1/2" / 1 1/4"	6 1/4"	2 1/2"
Ultimate Senior	24/32 vdc	10	2 1/2", 3 1/2" / 1 1/4"	6 1/4"	2 1/2"
Ultimate Junior	12 vdc	15	2 1/2" / 1 1/4"	6 1/4"	2 1/2"
Ultimate Junior	24/32 vdc	10	2 1/2" / 1 1/4"	6 1/4"	2 1/2"
Ultimate Mini	12 vdc	20	1 1/2" / 3/4"	4"	1 3/4"
Ultimate Mini	24/32 vdc	15	1 1/2" / 3/4"	4"	1 3/4"
Ultimate Alarm	2-9V batteries		Panel Mount	4 3/4" High	3 5/8" Wide

JABSCO / GROCO



JABSCO / GROCO "AIR PRESSURE" SWITCHES

These remotely mounted switches are ideal for actuating self-priming or submersible pumps where there is insufficient room in the bilge for a float switch. Both switches include an air ball, tube (3' with Groco, 10' with Jabsco), and the switch (Jabsco switch is sealed within a molded enclosure). Their principle of operation is based on the air pressure that develops when water rises up the tube from the air bell. The compressed air actuates the switch by pressing up against the enclosed diaphragm.

Model Number	Brand	Volts	Max. Amps	On/Off	Misc. Information
GC AS-100	Groco	6 - 32 vdc	10	2 3/4" / 1"	20 amps int. duty
JA 59400-0012	Jabsco	12 vdc	20	2 1/4" / 1"	10' of tube included
JA 59400-0024	Jabsco	24 vdc	10	2 1/4" / 1"	10' of tube included