

# AUTOMATIC BILGE SWITCHES

## ULTIMATE



Ultimate Junior

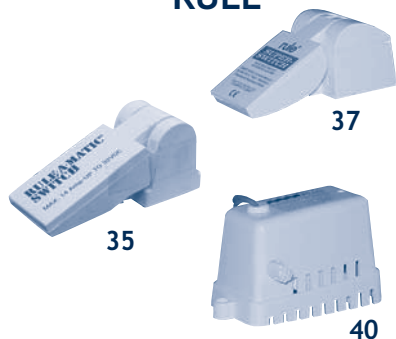
Ultimate Senior

## 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           | 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 |

## RULE



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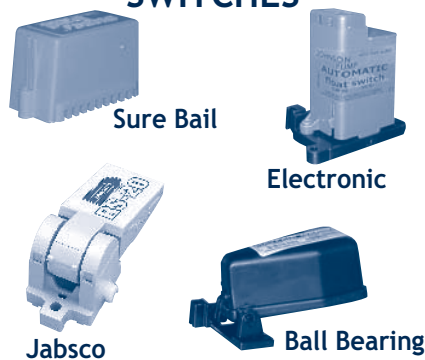
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## RULE FLOAT SWITCHES

The Rule switch family offers a variety of configurations to meet your needs. They are available with or without a cover, 14 and 20 amp configurations, and three series: Rule-A-Matic, Rule-A-Matic Plus and the Super Switch. All switches will operate on 12, 24 or 32 vdc.

| Model   | Cover Name         | Cover                     | Max. Amps | Dimensions (H x W x L)   |
|---------|--------------------|---------------------------|-----------|--------------------------|
| RU 35   | Rule-A-Matic       | No                        | 14        | 2" x 1 1/2" x 4 1/2"     |
| RU 40   | Rule-A-Matic Plus  | Yes                       | 20        | 2 3/4" x 2 1/2" x 4 7/8" |
| RU 37   | Super Switch       | No                        | 14        | 2" x 2" x 5"             |
| RU 37WG | Super Switch       | Yes                       | 14        | 3" x 2 1/4" x 5 3/4"     |
| RU 38   | Super Switch Guard | Converts RU 37 to RU 37WG |           |                          |

## SWITCHES



Sure Bail

Electronic

Jabsco

Ball Bearing

## 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 Jabsco 30295-2000 switch also utilizes a mercury float while the Johnson 2601 incorporates a ball bearing that actuates a micro switch within the float as the water level rises. The Johnson electronic float switch features epoxy encapsulated electronics, high impact plastic and is vent capped to prevent false starts.

| Model         | 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" / 7/8"   | 3" x 2 1/2" x 5 1/2"   |
| JA 30295-2000 | Jabsco    | Mercury      | 6 - 32 vdc                    | 20        | 2 1/8" / 1 1/8" | 2" x 2" x 4 3/4"       |
| JA 30294-2000 | Jabsco    | Cover        | Optional guard for 30295-2000 |           |                 | 3" x 2 1/4" x 5 3/4"   |
| JS 2601       | Johnson   | Ball Bearing | 6 - 32 vdc                    | 15        | 1/4" / 1"       | 2 1/4" x 3" x 4 1/2"   |
| JS 36152      | Johnson   | Electronic   | 12 vdc                        | 15        | 3/4" / 2 3/4"   | 3 1/4" x 1 1/2" x 3"   |
| JS 36252      | Johnson   | Electronic   | 24 vdc                        | 10        | 3/4" / 2 3/4"   | 3 1/4" x 1 1/2" x 3"   |

## JABSCO / GROCO



## JABSCO / GROCO "AIR PRESSURE" SWITCH

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         | 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" / 6/10"  | 10' of tube included |
| JA 59400-0024 | Jabsco | 24 vdc     | 10        | 2" / 6/10"  | 10' of tube included |

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