

Gizmo

Engineering

Order From:

C A Briggs Company

632 Davisville Road

Willow Grove, PA 19090

Phone: 215-784-9250

Fax: 215-784-0611

www.cabriggs.com

sales@cabriggs.com

Product Line



Battery powered timer beeps and flashes when time cycle is over. Easy to set time with numbered dials. Relay output for controlling rinses or pumps.



Drum level alarm
Beeps and flashes when liquid level is low in chemical drums. Foolproof design. Feed tube is attached to float switch alarm. Corrosion proof. High or low alarm. Battery powered.



Tank alarm detects low or high liquid level in tanks. Battery powered for easy installation. Relay output option.

Tank Level controller will control solenoids and pumps up to 1.5HP to automatically maintain tank liquid level. Either pump-up or pump-down



Brightener feeder automatically adds chemicals to your plating tank based on amp-hours. Also models available to add based on time of day.



Temperature controller has built-in automatic tank refill and conductivity based low liquid level heater shutoff.

The Drum Alarm

Liquid Level Alarm



Low liquid level detection for a 55-gallon drum

The DrumAlarm® is a battery-powered alarm that monitors liquid levels in drums or containers. When the level drops too low, it emits a loud alarm and bright flashing light.

Your containers have run empty for the last time!

Features

Battery operated.

The Drum Alarm goes anywhere – location isn't limited to 110V receptacles. It keeps working despite tripped breakers, and it can't come unplugged! Low power consumption lets batteries last for years.

Feeding tube is part of the alarm unit.

The liquid feeding tube can't be separated from the alarm. This error-proofing means the alarm is always on duty.

Rugged.

Built from the ground up for rough handling. PVC and polypropylene construction is suitable for corrosive and wet environments.

Easy to Install.

No assembly. Just snap in the battery & connect your feed line.

Built-in Flow Indicator.

Highly-visible indicating ball in an acrylic flow indicator lets you monitor liquid flow.

Built in Filter Screen.

Filter screen takes out particles that cause pump problems.



High level alarm prevents overfilling.



Built-in flow indicator

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STOP DRUM SPILLS!

The new Drum Alarm detects high levels in drums with a *loud* alarm and blinking LED to command attention every time.

- Uninterruptible lithium battery lasts for years. Replacements at Radio Shack.
- Float switch is well protected inside pipe.
- Corrosion proof. PVC and polypropylene wetted parts resist aggressive chemicals.
- Suitable for strong acids, strong bases, oils, solvents, detergents, salt water and more.
- Waterproof. Suitable for washdown duty.
- Rugged construction intended for industrial use. Lasts for years.
- 103dB warbling audio alarm cuts through the loudest industrial environments.
- Two year guarantee.



High level version DHL-2



Mounted in a standard 2" drum plug

For more information please visit www.drumalarm.com

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Automatic Tank Fill

The Tank-fill® maintains the liquid level in your tanks automatically. A float switch and solenoid valve combined in one unit with a convenient mounting plate. No wiring! - battery power makes installation a snap: after mounting the plate, simply connect your water line. Included Lithium batteries last for many years and 50,000 filling cycles.

Features

- Depth of liquid level is easily adjustable by loosening a set screw and sliding the controller up and down.
- Clear fill pipe allows you to see the flow.
- Piggyback plug to connect pumps easily.
- Bright LED flashes when filling.
- Optional relay output. 16 amps!
- Corrosion resistant and rugged.
- Screen protects float from debris.

How it Works

A dual float is protected inside the float pipe. When the liquid drops below the level of the lower float, the solenoid valve opens to start filling. The LED flashes during the fill cycle. When the upper float senses liquid, the solenoid valve closes to stop filling. No relay chatter!



Model TF-2 –
relay output



Model TF-1 – solenoid valve included

Options

- Plug-in AC adapter power rather than battery.
- Different mounting plates/caps/lids.
- Solenoid valve *and* relay output (model TF-3)

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Specifications

Wetted materials	PVC and polypropylene float
Lithium Battery life	50,000 fill cycles
Float switch electrical	70 VA
Liquid connection	½ inch N.P.T. Female

Drum Alarms – Part Numbering

Popular Models



DHL-1



DLL-55G



DHL-10-PP-TP2



DLL-IBC

Example part number:

DHL - 55G - PP - TP2 - R15

Alarm Direction

Low level DLL
High level DHL

Depth

For high level alarms, liquid depth in inches
..... 1,5,10,15,20
For low level, container volume (gallons)
..... 55G, 30G, 15G, 5G, IBC

Material of Piping

(float is always polypropylene)
PVC blank
Polypropylene PP
Stainless steel SS

Mounting

Slip Cap (fixed depth) blank
Slip Cap (adjustable depth) ADC
Threaded Plug, 2" N.P.T. TP2
Threaded Plug, 3/4" N.P.T. TP3/4
IBC cap IBC

Electrical Options

Relay Output, 8 amps R-8
Relay output, 15 amps R-15
Silencing alarm SA
AC adapter power AC
Wireless W

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TANK ALARMS – Model Numbering

Popular Models



Example part number:

THL - 20 - PP - R8

Alarm Direction

Low level TLL
 High level THL
 Dual Level TDL

Working Depth

Liquid depth below mount, in inches
 10,20,30,40,50, 60, 72, 84, 96

Material of Piping (polypropylene float)

PVC blank
 Polypropylene PP
 Stainless Steel SS

Electrical Options

Relay output (8 amps)..... R8
 Relay output (15 amps) R15
 Silencing alarm SA
 AC adapter power AC
 Wireless transmitter + receiver W
 Intrinsically safe IS

Mounting Choices

NPT threads 1, 1.25, 1.5, 2 inch
 Flange 1", 1.5", 2", 3"
 Bulkhead Feedthrough 1"
 IBC cap 6" buttress thread
 PVC Plate 1/2"x3"x7"

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