



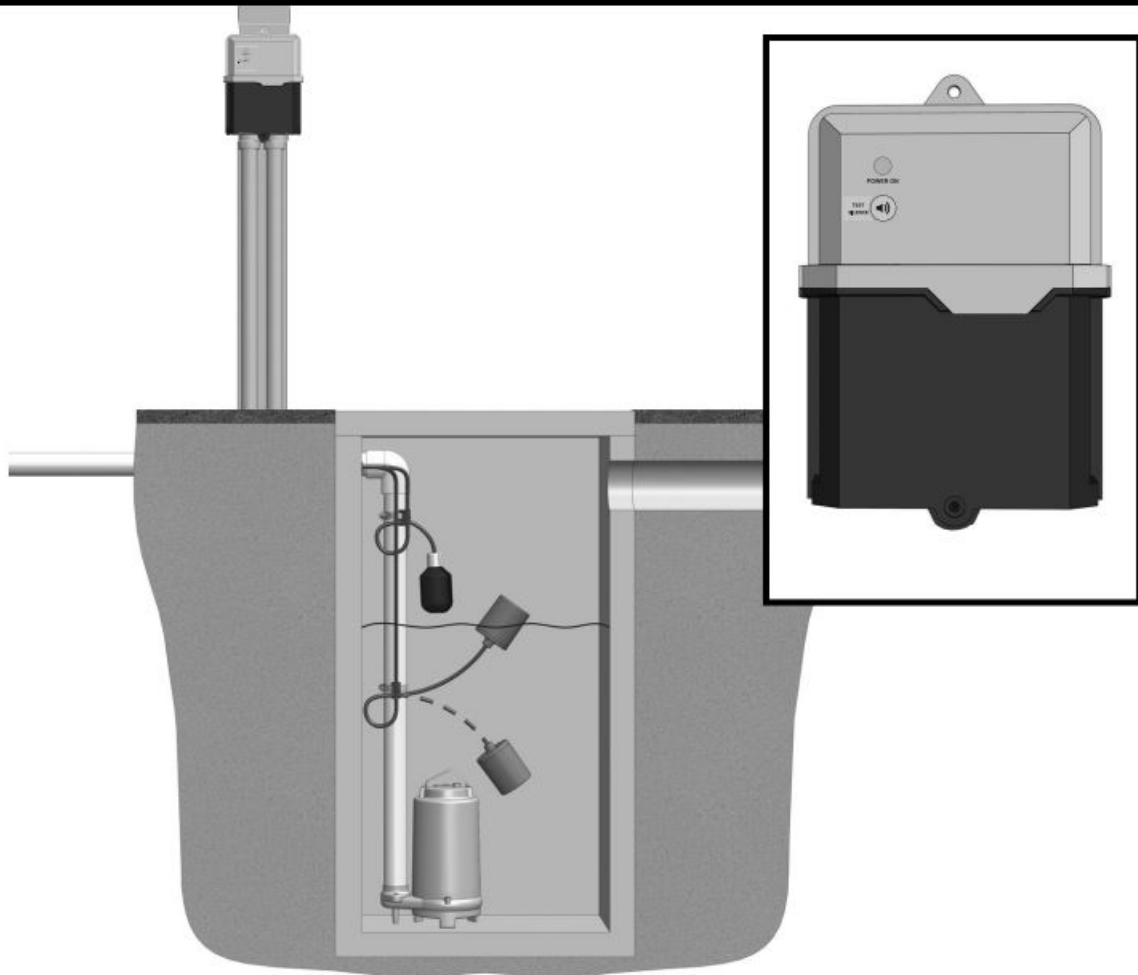
CSI Controls CSION 3R Alarm System Instruction Manual

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CSI Controls CSION 3R Alarm System
Instruction Manual

CSION® 3R Alarm / Alarma Installation Instructions / Instrucciones de instalación

1072479A 03/22



This alarm system monitors liquid levels in lift pump chambers, sump pump basins, holding tanks, sewage, agricultural, and other water applications.

The CSION® 3R indoor/outdoor alarm can serve as a high or low level alarm depending on the float switch model used. This easy-to-install alarm features an innovative, sleek 2-color Molded enclosure which integrates the LED translucent beacon (LED available in red or yellow).

The alarm sounds and the upper half of the housing illuminates when a potentially threatening liquid level condition occurs. The audible alarm can be silenced by pressing the Test/Silence button, but the alarm light will remain on until the condition is remedied. Once the condition is cleared, the alarm will automatically reset. A green “power on” light indicates power to the alarm panel.

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Electrical Warnings

Failure to follow these precautions could result in serious injury or death. Replace the float switch immediately if cable becomes damaged or severed. Keep these instructions with warranty after installation. This product must be installed in accordance with National Electric Code, ANSI/NFPA 70 so as to prevent moisture from entering or accumulating within boxes, conduit bodies, tings, float housing, or cable.



ELECTRICAL SHOCK HAZARD Disconnect power before installing or servicing this product. A qualified service person must install and service this product according to applicable electrical and plumbing codes.



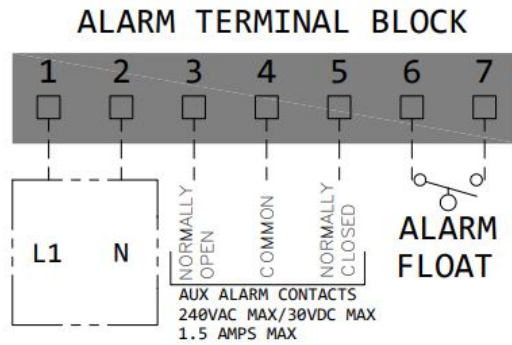
EXPLOSION OR FIRE HAZARD

Do not use this product with flammable liquids. Do not install in hazardous locations as defined by National Electrical Code, ANSI/NFPA 70.

Wiring Diagrams

NOTE:
INFEEED ALARM POWER MUST
MATCH VOLTAGE RATING ON
THE FRONT OF THE ALARM.

**INFEEED POWER
120 VAC ONLY**

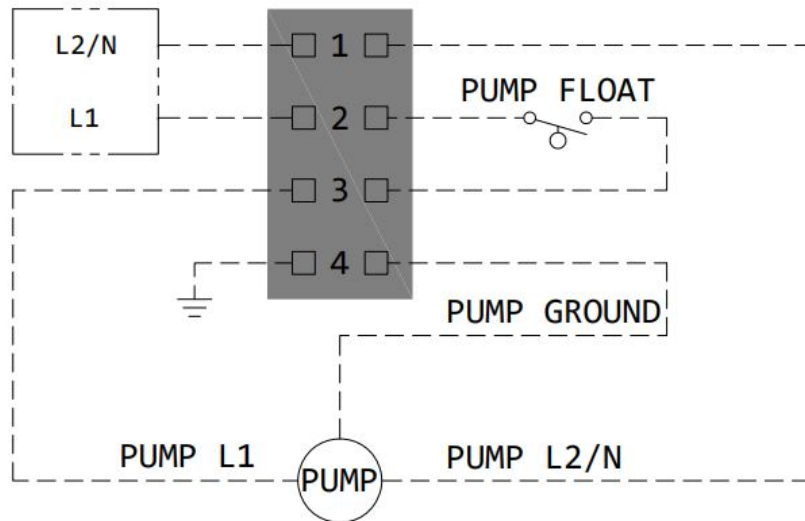


NOTE:
AUX ALARM CONTACTS USED
TO TRIGGER SECONDARY
REMOTE DEVICE IF NEEDED.
NON POWERED DRY CONTACT

v ORDERABLE OPTION v
PUMP TERMINAL BLOCK

**INFEEED POWER
120/208/240 VAC**

NOTE:
INFEEED PUMP POWER MUST
MATCH PUMP VOLTAGE.

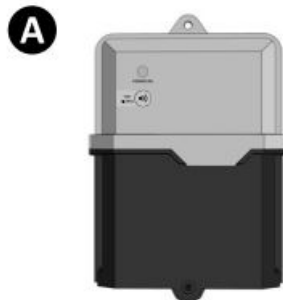


CSI CONTROLS® FIVE-YEAR LIMITED WARRANTY

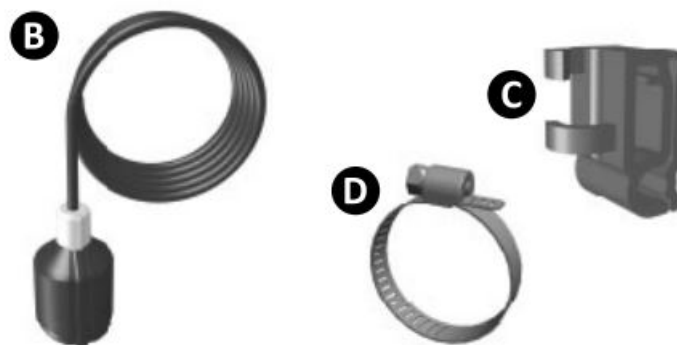
Five-Year Limited Warranty. For complete terms and conditions, please visit www.csicontrols.com.

Items Needed

Included with CSION® 3R Alarm



Included with Optional Float Switch



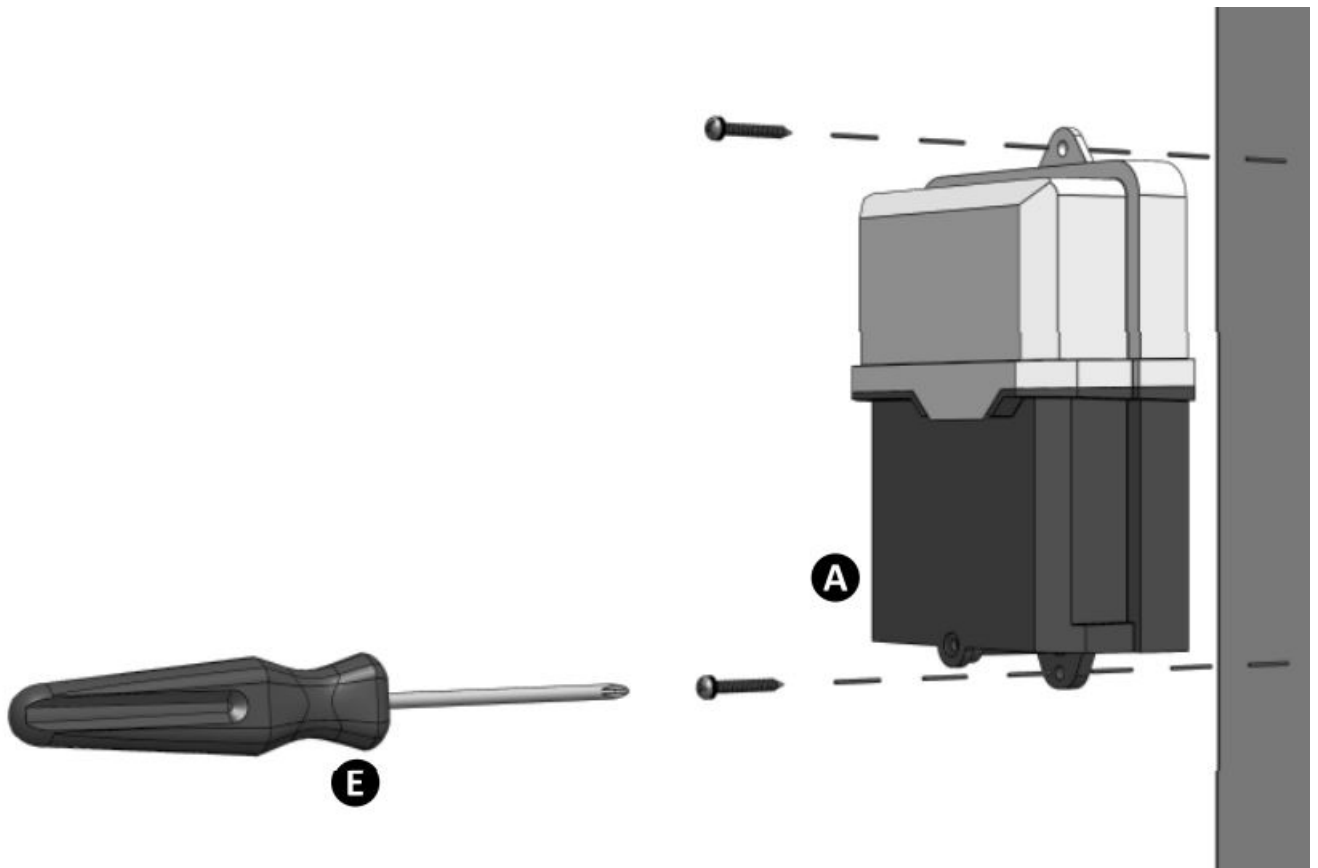
Not included



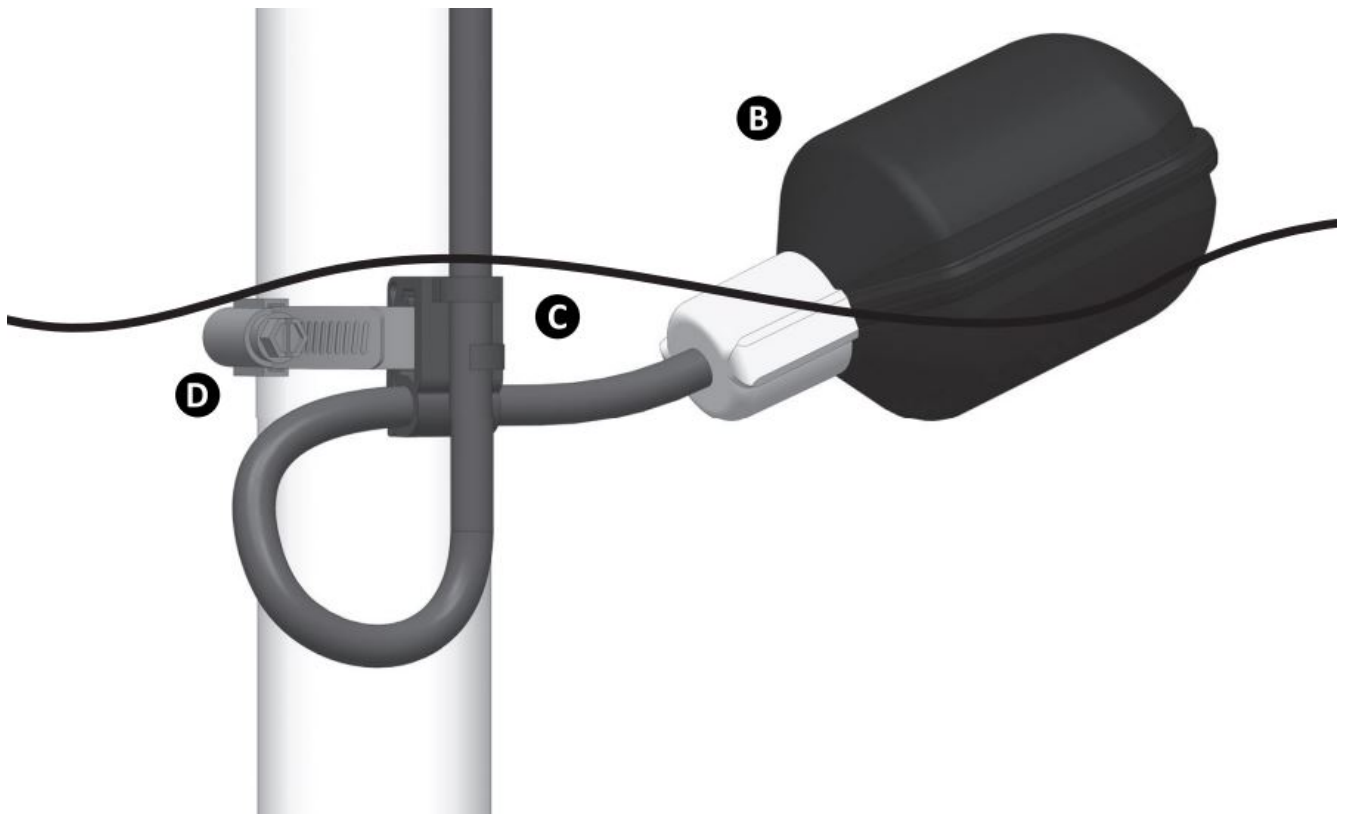
Specifications

Voltage	120 VAC Model	Voltaje	Modelo de 120 V CA
	<u>Primary:</u> 120 VAC, 50/60 Hz, 3.8 watts max. (alarm condition) <u>Secondary:</u> 9 VDC		<u>Primario:</u> 120 V CA, 50/60 Hz, 3,8 watts máx. (estado de alarma) <u>Secundario:</u> 9 V CC
Enclosure	Indoor/Outdoor	Gabinete	Interior/Exterior

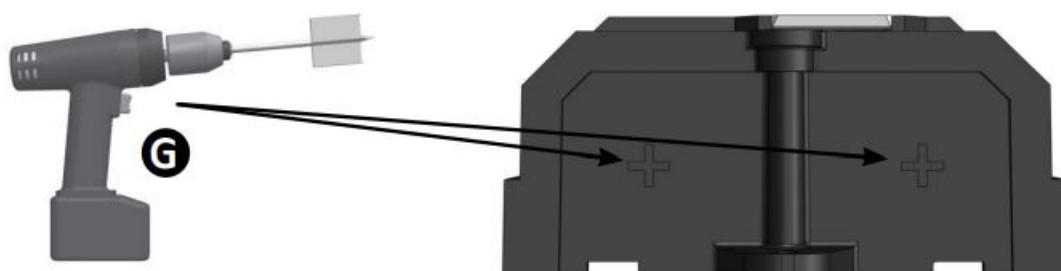
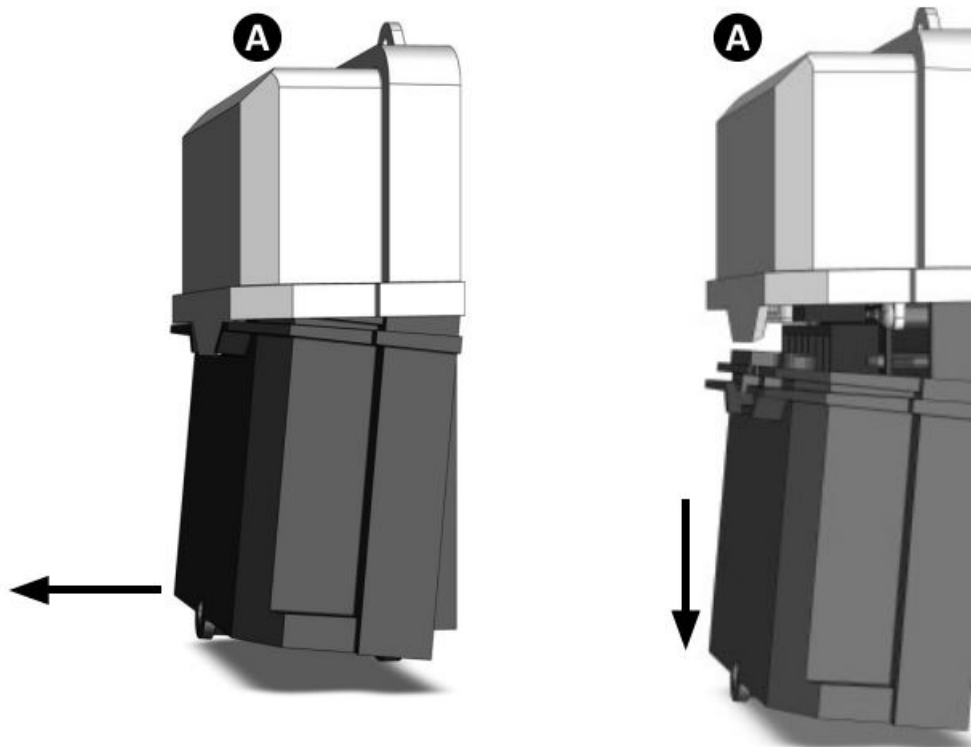
1. Mount the alarm enclosure using existing upper and lower mounting tabs.



2. Install float switch at desired activation level.

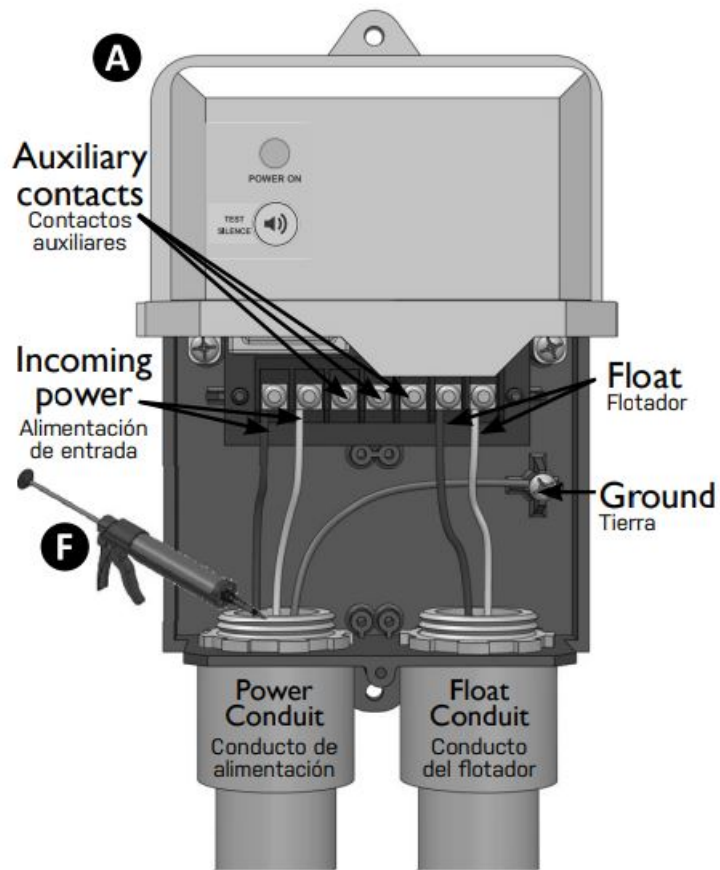


3. Remove screw from front of lower cover. Lift bottom of lower cover out slightly. Slide lower cover down until it is clear of the upper cover and remove. Determine “conduit-in” location on alarm. See bottom of enclosure for cord placement indicator marks. Drill holes for conduit entry.



4. Bring float switch and power cable through conduit and wire to 7 position terminal block. Connect ground wire to ground termination post.

NOTE: Seal conduit to prevent moisture or gas from entering enclosure.

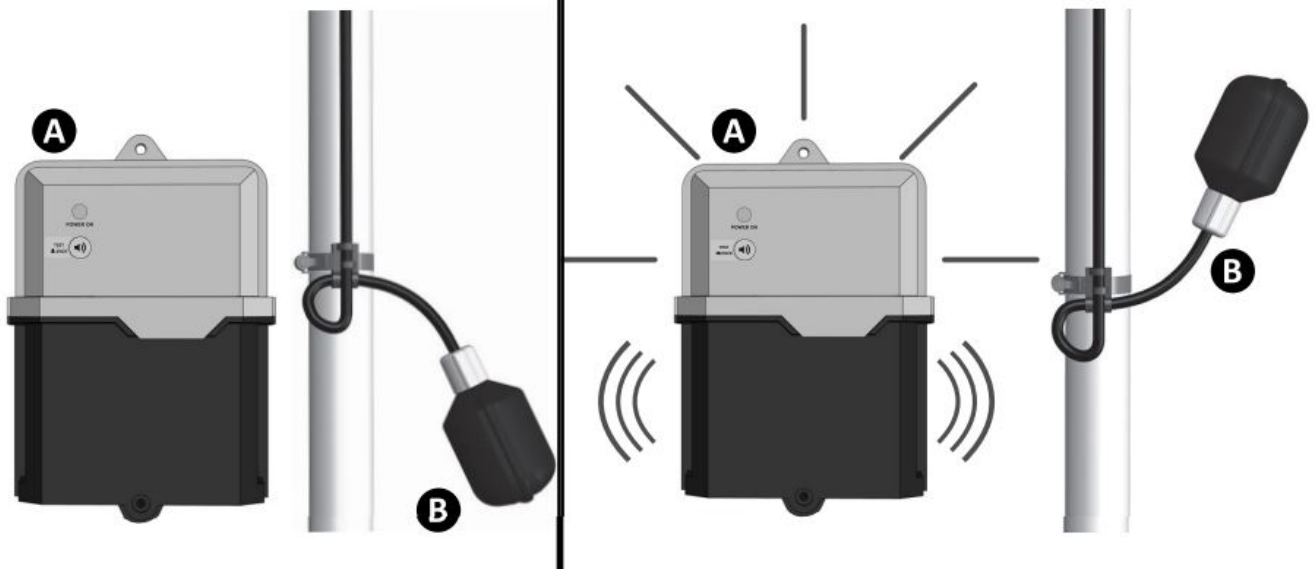


5. Restore power and check alarm operation after installation (high level application shown).

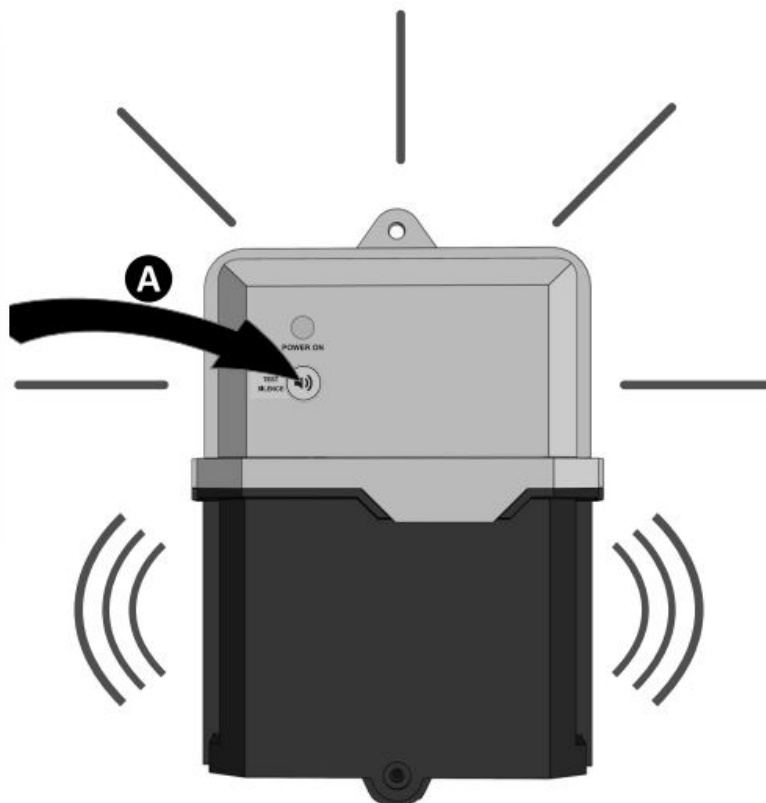
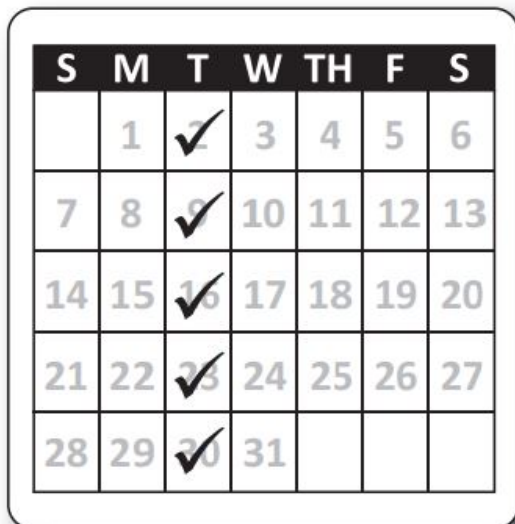


Alarm Off (High Level)
Alarma desactivada (nivel alto)

Alarm On (High Level)
Alarma activada (nivel alto)



6. Test alarm weekly to insure proper operation.



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Technical Support Hours: Monday – Friday, 7 A.M. to 6 P.M. Central Time Soporte técnico, Horario: lunes a viernes, 7 A.M. a 6 P.M. hora del Centro

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Documents / Resources



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CSION 3R Alarm System, 3R Alarm System, Alarm System

References

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