

NOTE: ALARM FOR INDOOR OR OUTDOOR USE.
 NON-METALLIC ENCLOSURE IS NEMA 3R RATED.
 ALARM PACKAGE CONTAINS: EXT ALARM UNIT

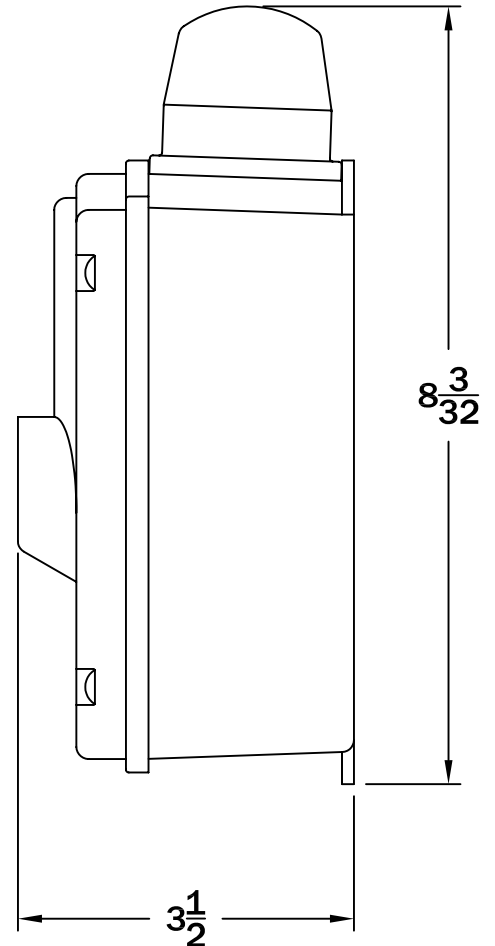
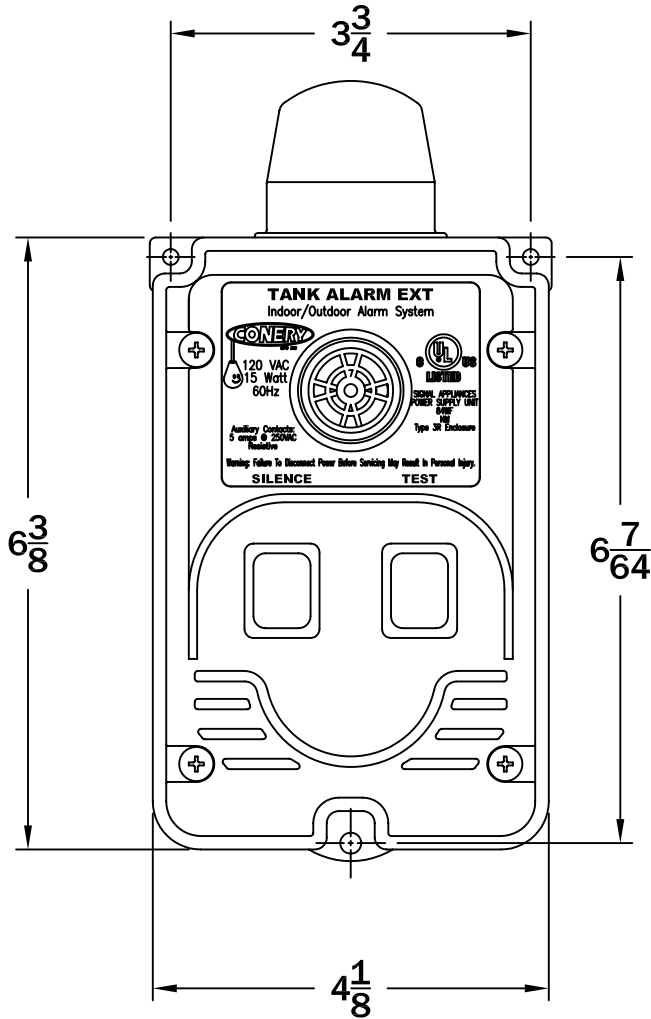
EXT SERIES ALARM

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FLOAT SWITCH W/15' CORD
 TIE STRAP, AND INSTALLATION INSTRUCTIONS.

(FRONT)

(SIDE)



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CHANGES	TOLERANCES	DRAWN BY	DATE
F	DECIMALS .XXX = ±.005 .XX = ±.010 FRACTIONAL X/X = ±.1/64 ANGLES X' = ±1/2'	D. MIDDLETON	03/22/04
E		MATERIAL SPECIFICATION: AS NOTED	
D			
C			
B			
A			

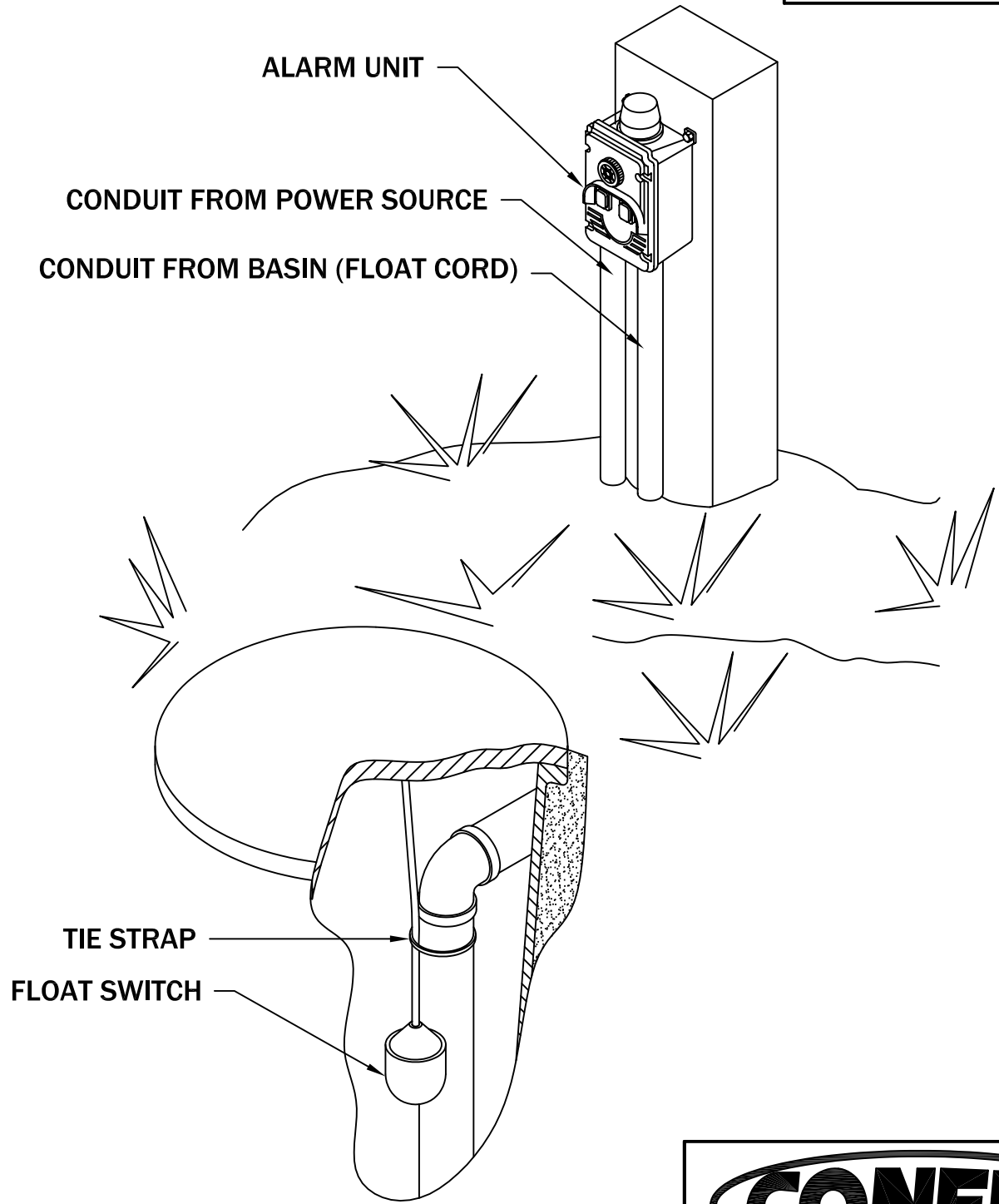
SPECIFICATION SHEET
 DIMENSIONAL DATA

SCALE:	PART NO.
HALF	EXT SERIES ALARM

TYPICAL MOUNTING

EXT SERIES ALARM

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CHANGES	TOLERANCES	DRAWN BY	DATE
F	DECIMALS .XXX = ±.005 .XX = ±.010 FRACTIONAL X/X = ±.1/64 ANGLES X° = ±1/2°	D. MIDDLETON	03/22/04
E		MATERIAL SPECIFICATION: AS NOTED	
D			
C			
B			
A			

SPECIFICATION SHEET DIMENSIONAL DATA	
SCALE:	PART NO.
NONE	EXT SERIES ALARM

EXT TANK ALARM – ALARM SYSTEM

The EXT Tank Alarm alarm system is designed to monitor liquid levels in sump basins, holding tanks, lift station tanks and many other non-potable water and wastewater applications.

This alarm comes standard with a Normally Open, 15 foot float switch to monitor for High Water levels (part# EXT15H). An optional Normally Closed float switch can be supplied for monitoring Low Water levels (part# EXT15L).

The EXT15H is designed to sound an audible horn and illuminate a visible red beacon light to notify of an alarm situation. There is a silence switch to turn horn off while fixing the alarm situation which will automatically reset itself when the the situation is remedied. (the red alarm light will remain on until the alarm conditions are remedied) There is also a Test Button for convenient testing of the units alarm light and horn.

OPTIONS: Alternate float switches with variable cord lengths are available.

FEATURES:

- UL and CUL Listed
- External mounting feet for quick installation to any dry, flat surface.
- Test and Silence Buttons, Alarm automatically resets
- Type 3R non-metallic enclosure rated for indoor or outdoor use.
- When installed on a separate circuit from the pump, the unit will operate even if the pump circuit fails.
- Standard auxiliary alarm contacts are supplied for remote device hook up.
- Alarm package comes with Alarm Unit, Float Switch, Tie Strap, and installation instructions in one complete box.
- 2 year limited warranty

SPECIFICATION:

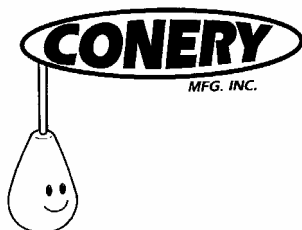
Voltage: 120 VAC primary, 12 VAC secondary, 6 Watt max. (when alarming), 60 Hz.

Enclosure: Type 3R non-metallic, external mounting feet, 6.5" x 4.25" x 3.5".

Auxiliary Alarm Contacts: 120 VAC, 5 Amp, 60 Hz

Optional Power Cord: 6 foot, 120 VAC w/cord grips

Float Switch: Normally open, narrow angle contacts. Hermetically sealed, stainless steel mercury switch. Standard bulb, 4 3/4" x 3 1/2". 18/2 SJOOW (CPE) water and oil resistant cable, 15 foot standard.



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TANK ALARM EXT- ALARM SYSTEM INSTALLATION INSTRUCTIONS

- Be sure to follow National Electric Code, ANSI/NFPA 70, when installing this unit to prevent moisture from entering or building up inside equipment.

ALARM & FLOAT INSTALLATION:

1. Decide flat indoor or outdoor vertical mounting location.
2. Make sure power from the breaker to the site location is turned off.
3. Drill holes in the pre-marked spaces in the bottom of the alarm box and run $\frac{1}{2}$ " PVC conduit to this location. Now attach the $\frac{1}{2}$ " PVC conduit to one of the holes and run the 120 VAC power supply into the bottom of the box.
4. Run another $\frac{1}{2}$ " PVC conduit to the other hole in the bottom of the box from the desired tank you wish to monitor.
5. Use the external mounting feet and provided screws to securely mount the alarm unit to the surface.
6. Use the tie strap supplied in the box to secure the float switch (figure 1) at the desired warning level in the tank. Cut off excess material left from the tie strap and discard.
7. Bring float wire up through the conduit and strip the end of the float wire (figure 2) and connect the wires to the labeled terminal strip position.
8. Next, wire the 120 VAC power conductors to the labeled terminal strip position and hook the ground wire to the ground terminal post on the base of the alarm box. Make sure the power supply is separate from the one used for the pump to ensure proper notification.
9. Connect the two wires going from the light beacon to the circuit board.
10. Attach the alarm box cover to the base using the four screws in the cover making sure the seal fits properly.
9. Turn the power on
10. Now manually test the alarm by tilting the float switch up until you hear the alarm notification and you see the alarm light turn on.
11. Periodically test unit by pushing the Test button on the cover to make sure unit is working properly.

Figure 1

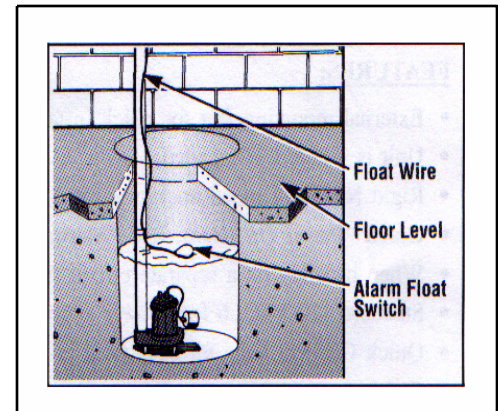
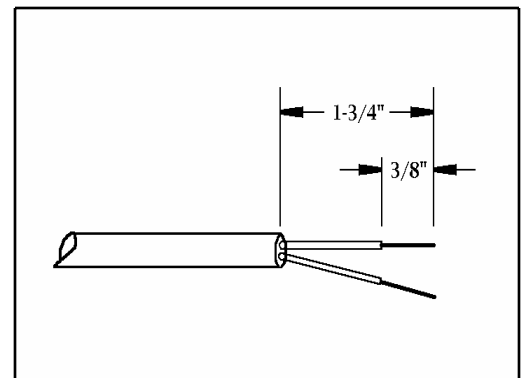




Figure 2



WARNING: FAILURE TO FOLLOW INSTRUCTIONS MAY RESULT IN SERIOUS PERSONAL INJURY OR DEATH. REFER TO THESE INSTRUCTIONS ANY TIME UNIT IS DISCONNECTED FOR ANY REASON.

WARNING 	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.	WARNING 	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.
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