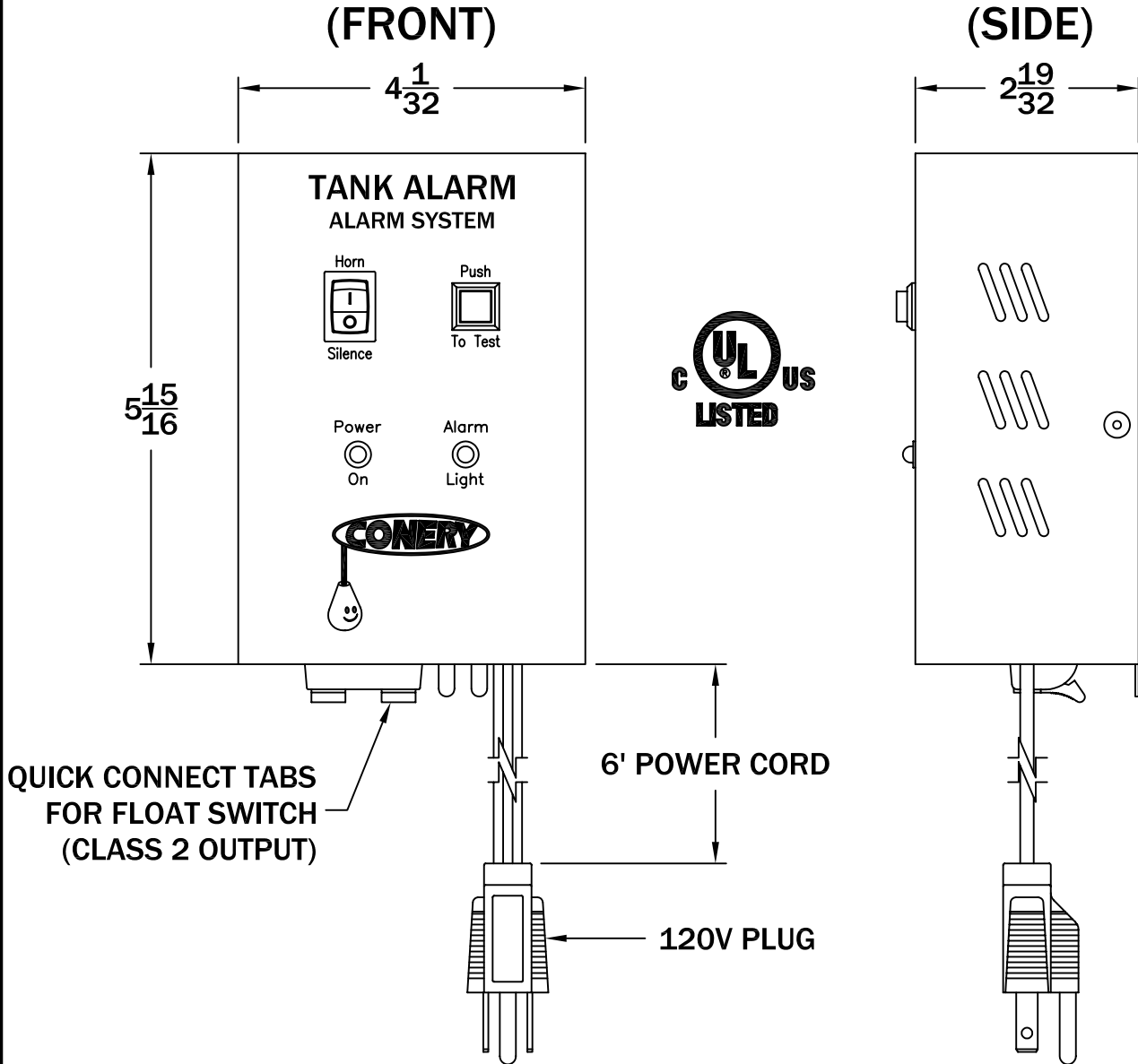


NOTE: ALARM FOR INDOOR USE ONLY.  
 STEEL ENCLOSURE IS NEMA 1 RATED.

TA SERIES ALARM

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1

ALARM PACKAGE CONTAINS: TA15H ALARM UNIT  
 FLOAT SWITCH W/15' CORD  
 TIE STRAP, AND INSTALLATION INSTRUCTIONS.



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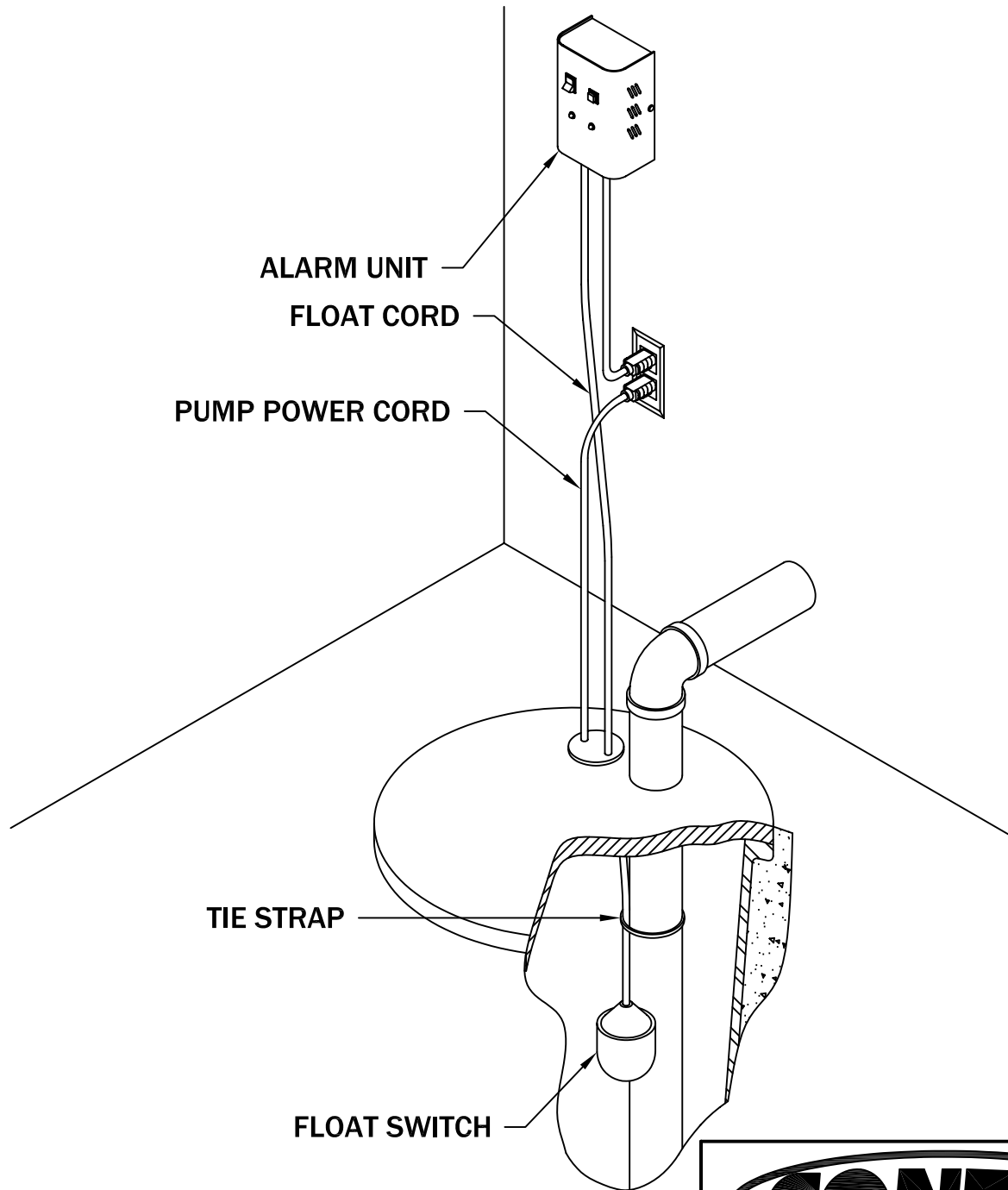
CHANGES	TOLERANCES	DRAWN BY	DATE
F	DECIMALS	D. MIDDLETON	03/22/04
E	.XXX = ±.005	MATERIAL SPECIFICATION:  AS NOTED	
D	.XX = ±.010		
C	FRACTIONAL		
B	X/X = ±.1/64		
A	ANGLES X' = ±1/2'		

SPECIFICATION SHEET DIMENSIONAL DATA	
SCALE:	PART NO.
HALF	TA SERIES ALARM

# TYPICAL MOUNTING

TA SERIES ALARM

PAGE  
2



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

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

# TA15H – ALARM SYSTEM

The TA15H 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. An optional Normally Closed float switch can be supplied for monitoring Low Water levels.

The TA15H is designed to sound an audible horn and illuminate a visible red light to notify of an alarm situation. There is a green power indicator light to show unit is functioning as well as a silence switch to turn horn off while fixing the alarm situation (the red alarm light will remain on until the alarm conditions are remedied).



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

## **FEATURES:**

- External mounting feet for quick installation to any dry, flat surface.
- Unit is UL & CUL Listed.
- Rigid NEMA 1 metal enclosure rated for indoor use.
- Green “Power On” light, Red “Alarm Indicator Light”, Horn – to – Silence Switch, and Alarm Test Button.
- When installed on a separate circuit from the pump, the unit will operate even if the pump circuit fails.
- Standard 120 VAC, 6 foot power supply cable.
- Quick Connect Tabs for easy float installation to unit.
- Quick Connect Tabs operate on a low voltage to reduce the risk of shock.
- Alarm package comes with Alarm Unit, Float Switch, Tie Strap, and installation instructions in one complete box.
- 2 year limited warranty

## **SPECIFICATION:**

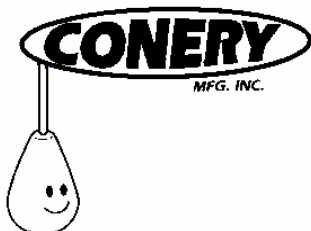
**Voltage:** 120 VAC primary, 12 VAC secondary, 2.5 Watt max. (when alarming), 60 Hz.

**Enclosure:** Rigid NEMA 1 metal, external mounting feet, 6” x 4” x 2.5”.

**Power Cord:** 6 foot, 120 VAC.

**Quick Connect Tabs:** Class Two Output, 12 VAC, For float switch hook up.

**Float Switch:** Normally open, narrow angle contacts. Hermetically sealed, stainless steel mercury switch. Mini bulb, 3 3/8” x 2 1/2”. 18/2 SJOOW (CPE) water and oil resistant cable, 15 foot standard.



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## TA15H – 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 indoor mounting location.
2. Install a mounting screw in the wall at the desired height and slip keyhole on the back of the box onto the screw and pull down.
3. Use another screw to fasten bottom mounting cleat to the wall.
4. Next, strip the insulation away from the end of the float cord (figure 1). Then push one tab at a time on the bottom of the alarm and insert the bare lead into the quick connect holders.
5. Use the tie strap supplied in the box to secure the float switch (figure 2) at the desired warning level in the tank. Cut off excess material left from the tie strap and discard.
6. Hook the 120 VAC plug into a 120 VAC receptacle separate from the one used for the pump to ensure proper notification.
6. 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.
7. Periodically test unit by pushing the Test button on the cover to make sure unit is working properly.

Figure 1

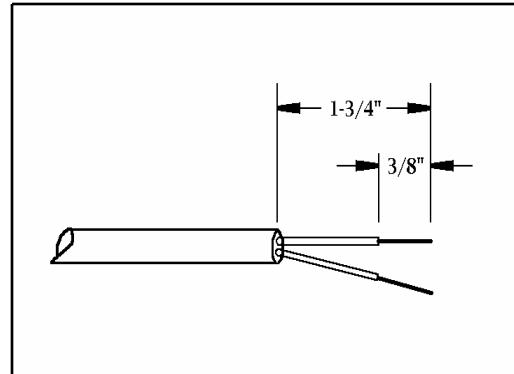
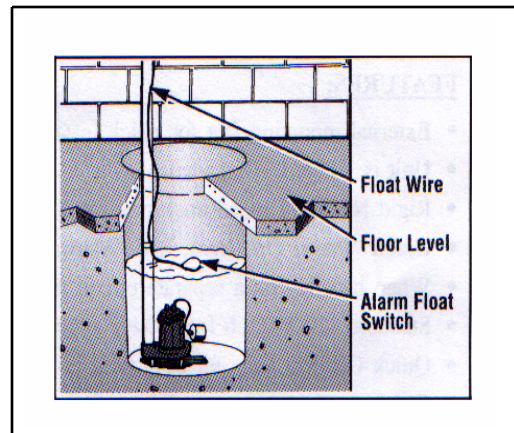


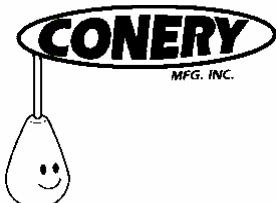


Figure 2



**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.**

 <b>WARNING</b>	<b>ELECTRICAL SHOCK HAZARD</b> 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.	 <b>WARNING</b>	<b>EXPLOSION OR FIRE HAZARD</b> 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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