

SENTINEL ALARM SYSTEM

DRAWING NUMBER: **s7141**
 SIZE: **A**
 SCALE: **NONE**
 DATE: **10/1/06**
 APPROVED BY: **CEL**
 CHECKED BY: **CL**
 DRAWN BY: **RN**
 FIGURE NUMBER: **7141**

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

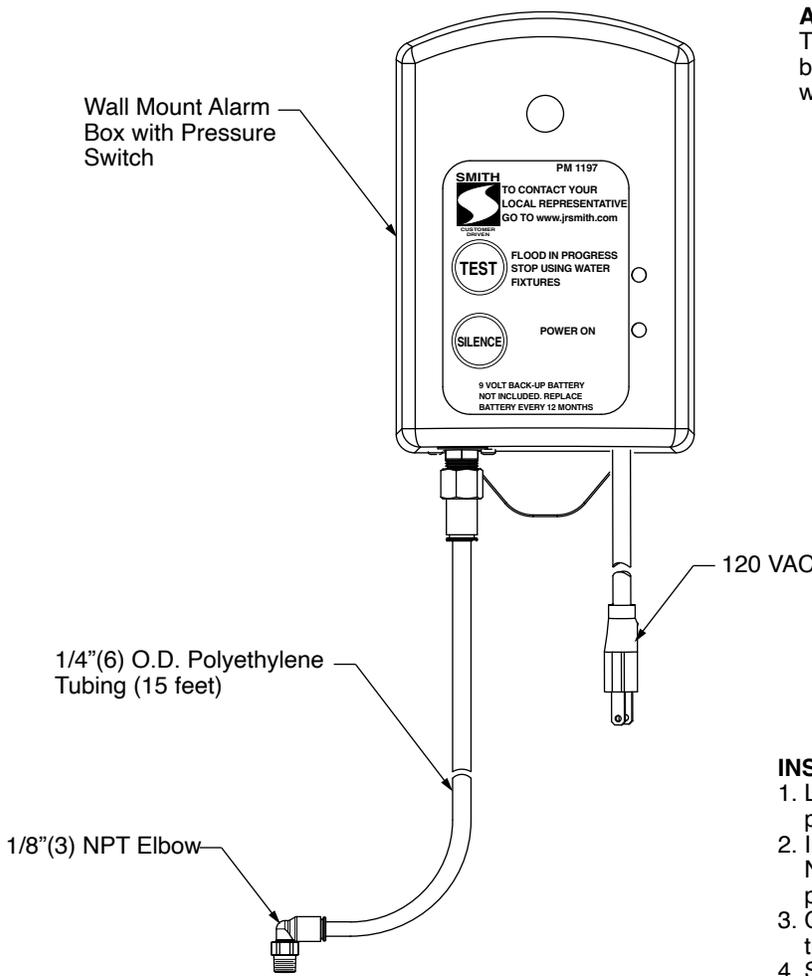


Fig. 7141

REGULARLY FURNISHED:
 Wall Mount Alarm Box with Pressure Switch,
 15 Feet of 1/4"(6) O.D. Polyethylene Tubing
 and 1/8"(3) NPT Elbow.

APPLICATION REQUIREMENTS:
 The top of the horizontal sewer line **MUST**
 be 7"(180) below the top of the cleanout plug
 where the Sentinel Alarm is to be installed.

- INSTALLATION STEPS:**
1. Locate floor cleanout, remove the closure plug and drill and tap for 1/8 NPT connection.
 2. Install the supplied elbow fitting into the 1/8"(3) NPT tapped connection in the cleanout closure plug.
 3. Connect the elbow and the polyethylene tubing by inserting the tubing into the elbow.
 4. Secure the alarm box to the wall and plug in power cord to a 120 VAC wall receptacle.
 5. Connect the polyethylene tubing to the fitting in the bottom of the alarm box.

NOTE: For proper operation, all connections between the tubing, fittings and cleanout closure plug **MUST** be airtight.

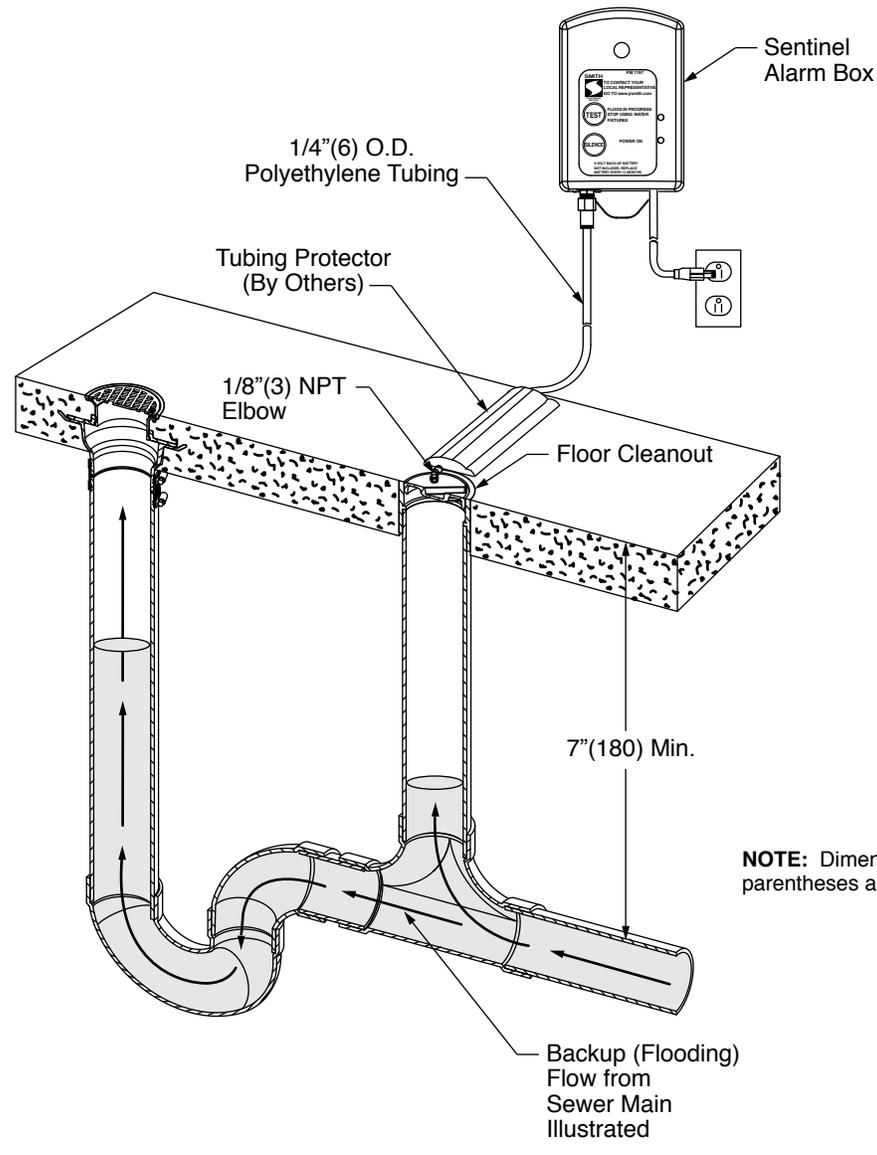
See reverse side for installation illustration.

NOTE: Dimensions shown in parentheses are in millimeters.

REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER
D	7-24-23	Removed Function	HS	CL			7141
C	5-10-07	Revised Text.	JJ	CL			
B	3-30-07	Revised Text.	JJ	CL			
A	3-6-07	Revised Dwg.	RN	CL			

SENTINEL ALARM SYSTEM

INSTALLATION ILLUSTRATION



NOTE: Dimensions shown in parentheses are in millimeters.

HOW IT WORKS: A pressure switch is incorporated into the alarm box. When the sewer backs up to a level of 5"(125) - 6"(150) above the horizontal drain line, the pressure switch closes the 9V circuit sounding the alarm and activating a red light. The alarm will continue to sound until the silence button is pressed. The red light will remain on for as long as the sewer has back pressure warning that the fixtures should not be used. When the red light goes off, the main sewer has returned to normal and use of the plumbing fixtures may resume. The switch resets automatically to be ready to detect the next backup condition. The alarm operates on 120 VAC or 9V battery (not Included); when powered by 120 VAC, the battery acts as backup.

DRAWING NUMBER: s7141BS
 SIZE: A
 SCALE: NONE
 DATE: 10/1/06
 APPROVED BY: CEL
 CHECKED BY: CL
 DRAWN BY: RN
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

7141BS	C	5-10-07	Revised Text.	JJ	CL	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 7141BS
	B	3-30-07	Revised Text.	JJ	CL			
FIGURE NUMBER	A	3-6-07	Revised Dwg.	RN	CL			
	REV.	DATE	DESCRIPTION	BY	CKD. BY			