



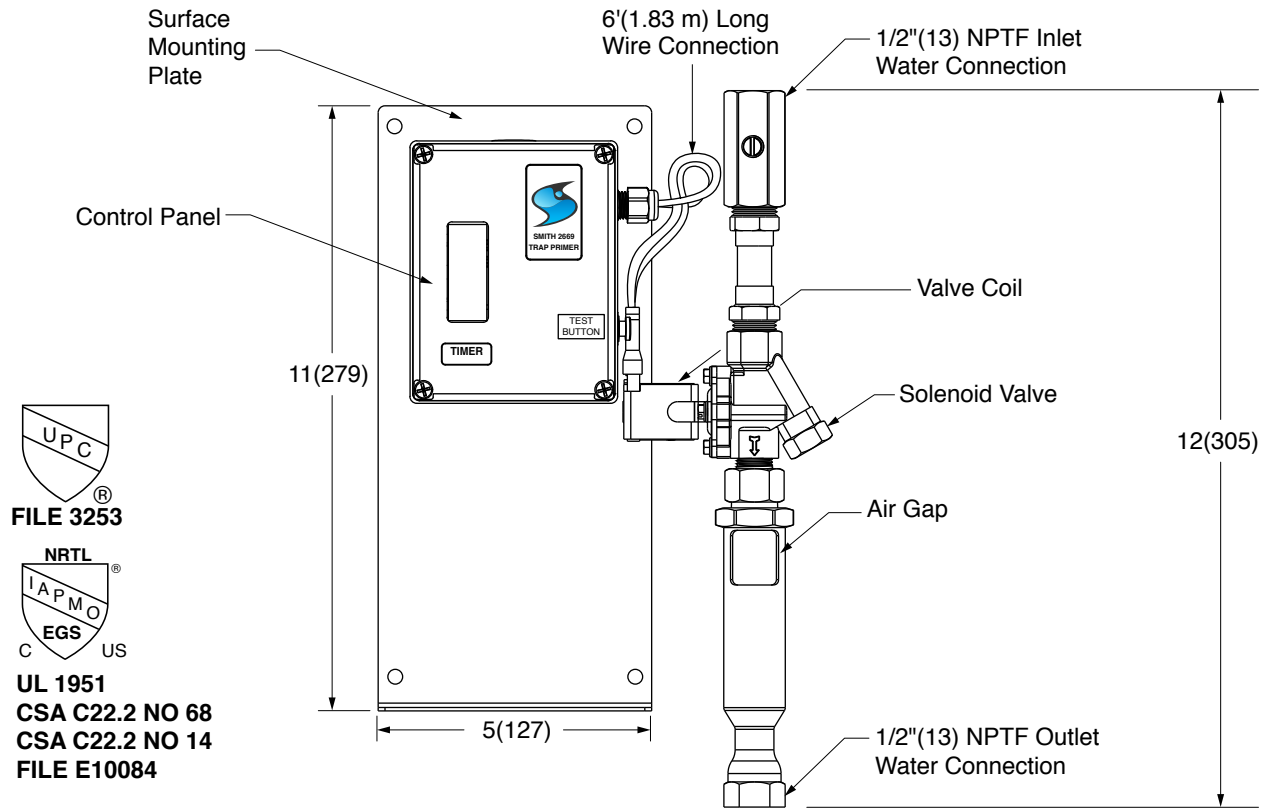
SMITH  
**FLUID**  
CONTROLS™

**JAY R. SMITH MFG. CO.®**  
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LOCATION

# ELECTRONIC TRAP PRIMING DEVICE

## FOR SURFACE MOUNTING



UPC  
**FILE 3253**

NRTL  
IAPMO  
EGS  
C US

**UL 1951**  
**CSA C22.2 NO 68**  
**CSA C22.2 NO 14**  
**FILE E10084**

**REGULARLY FURNISHED:**

A surface mount, Floor Drain Trap Priming Device consisting of a Solenoid Valve, Bronze Air Gap and a Timer (factory preset to discharge once per twenty-four-hour period). This device is supplied with hardwire type electrical connections and has provisions to interface with a Building Management System (BMS) where applicable.

**SPECIFY AC VOLTAGE: (HARDWIRED)**

- 24V -024
- 120V -120
- 240V -240

**VARIATIONS:**

- EMS (Hardwired) (Interface with the Facilities Energy Management System)

**DISTRIBUTION UNITS:**

See Fig. 2694DA or Fig. 2683

**WORKING PRESSURE:**

- 20 PSI (138kPa) to 100 PSI (689 kPa)

**NOTES:**

- All wiring must follow and be in accordance with National, State and Local Electrical Codes.
- The trap primer valve must be installed a minimum of 12"(305) above flood level of device being served. Must have a minimum of 12"(305) from bottom of outlet before a 90° elbow can be used. Allow one foot of elevation for every 20 feet of distance ran for floor drain make up line. The makeup line from trap primer to the floor drain must have continuous slope.
- The furthest recommended distance from the trap primer to the floor drain is 20'(6m).
- Dimensions shown in parentheses are millimeters unless otherwise specified.
- Unit must be installed plumb and level and be accessible.



STD. 1044

DRAWING NUMBER  
**S273 Series**

SIZE  
**A**

SCALE:  
**NONE**

DATE:  
**2-18-19**

APPROVED BY:  
**JM**

CHECKED BY:  
**JM**

DRAWN BY:  
**TBW**

**273 SERIES**

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

J	4-29-20	Revised ASSE/UPC Conformities	MW	CL	WEIGHT POUNDS	VOLUME CUBIC FEET	<b>FIGURE NUMBER</b> <b>273 SERIES</b>
H	3-9-20	Revised UPC	MW	CL			
G	3-9-20	Revised Notes	MW	CL			
F	3-4-20	Rev. Drawing, Added UPC Conf.	MW	CL			
REV.	DATE	DESCRIPTION	BY	CKD. BY			