



SMITH
FLUID
CONTROLS®

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LOCATION

J

DRAWING NUMBER
S273 Series

SIZE
A

SCALE:
NONE

DATE:
2-18-19

APPROVED BY:
JM

CHECKED BY:
JM

DRAWN BY:
TBW

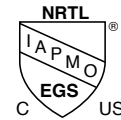
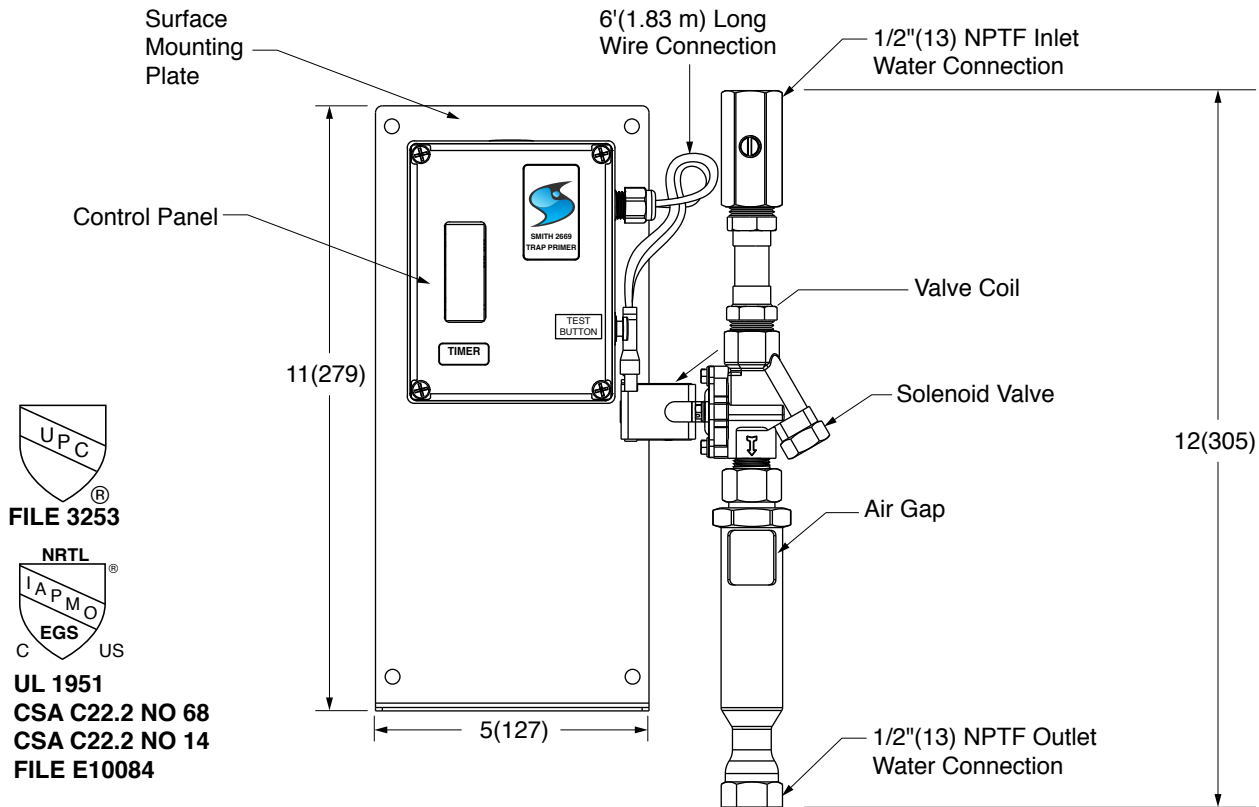
FIGURE NUMBER
273 SERIES

WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

ELECTRONIC TRAP PRIMING DEVICE

FOR SURFACE MOUNTING



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)

WORKING PRESSURE:

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

DISTRIBUTION UNITS:

See Fig. 2694DA or Fig. 2683

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

J	4-29-20	Revised ASSE/UPC Conformities	MW	CL
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

WEIGHT POUNDS	VOLUME CUBIC FEET

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