



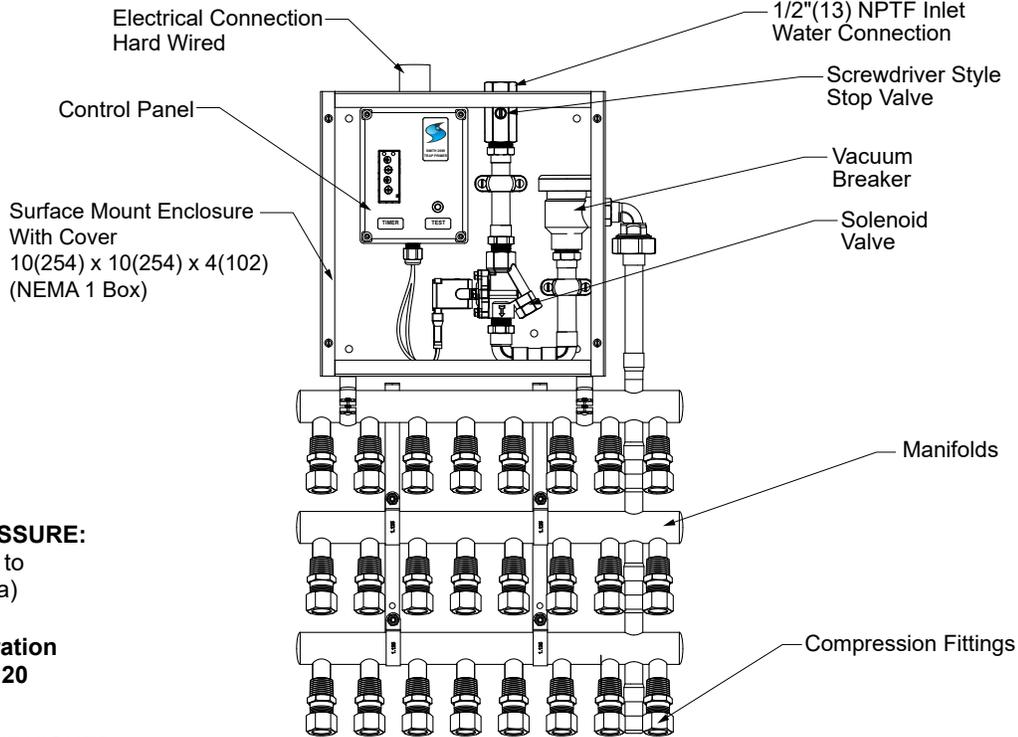
SMITH  
**FLUID**  
CONTROLS®

**JAY R. SMITH MFG. CO.®**  
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LOCATION

# ELECTRONIC TRAP PRIMING DEVICE

## WITH SURFACE MOUNT ENCLOSURE



**WORKING PRESSURE:**  
20 PSI (138kPa) to  
100 PSI (689 kPa)

**Shown in Illustration**  
**271SM-24-500-120**

**REGULARLY FURNISHED:**

A Surface Mount, Floor Drain Trap Priming Device consisting of Enclosure with Cover, a Solenoid Valve, Vacuum Breaker, a Timer (factory preset to discharge once per twenty-four-hour period) and a Manifold with multiple Compression Discharge Ports (specify number of outlets) allowing the unit to serve multiple floor drain traps. This device is supplied with hardwired type electrical connections and has provisions to interface with a Building Management System (BMS) where applicable.

**SPECIFY AC VOLTAGE: HARDWIRED**

- 24V~60Hz / 0.50A -024
- 120V~60Hz / 0.10A -120
- 240V~60Hz / 0.05A -240

**SPECIFY NUMBER OF OUTLETS:**

- 18  20  22  24

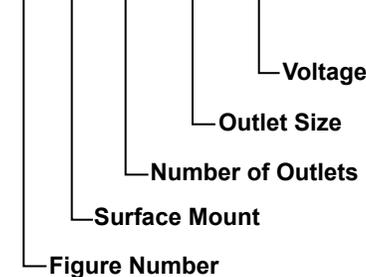
**SPECIFY OUTLET TYPES:**

- 1/2" (13) OD Compression Fittings -500
- 5/8" (16) OD Compression Fittings -625

**NOTES:**

- All wiring must follow and be in accordance with National, State and Local Electrical Codes.
- The outlet of the trap primer valve shall be a minimum of 12" (305) above the finished floor before a 90° elbow can be installed. See Installation Instructions.
- Dimensions shown in parentheses are millimeters unless otherwise specified.
- Unit must be installed level and be accessible.

**271SM-XX-XXX-XXX**



FILE 3253



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

**VARIATIONS:**

- Vandal Proof Cover Screws -U
- Interface with Facilities Energy Management System -EMS



STD. 1044

DRAWING NUMBER  
**S271SM SERIES**

SIZE  
**A**

SCALE:  
**NONE**

DATE:  
**5-13-19**

APPROVED BY:  
**JM**

CHECKED BY:  
**JM**

DRAWN BY:  
**TBW**

**271SM SERIES**

FIGURE NUMBER

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

J	12-14-23	Revised Specify AC Voltage	HS	CL	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER <b>271SM SERIES</b>
H	12-15-20	Revised Reg. Furn./Callout	TBW	CL			
G	4-29-20	Revised ASSE/UPC Conformities	MW	CL			
F	4-23-20	Added ASSE	MW	CL			
REV.	DATE	DESCRIPTION	BY	CKD. BY			