

**GUARDIAN DUAL CHECK®**  
**1/4 TURN NON-FREEZE WALL HYDRANT WITH AUTOMATIC DRAINING**  
**INTEGRAL VACUUM BREAKER AND DUAL CHECK VALVE**

**EXPOSED HOSE CONNECTION**  
**1/4 Turn of the Key Allows Full Flow to Be Obtained**

Installer is responsible for providing a 100% watertight positive seal at the hydrant to wall interface. Seal all the flange with an appropriate sealant recommended by a sealant manufacturer. **NOTE: Jay R. Smith does not warrant the performance or life expectancy of the sealant material.**

DRAWING NUMBER: s5619  
 SIZE: A  
 SCALE: NONE  
 DATE: 3-24-03  
 APPROVED BY: CEL  
 CHECKED BY: CL  
 DRAWN BY: RN  
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE  
 WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

**NOTES:**

1. Recommended wall opening  
2 1/4 (57) x 4 (100).
2. For non-freeze protection, a wall thickness which locates the inlet connection inside a heated or insulated space must be specified. Lengths are to be specified in 1" (25) increments as follows:  
4,5,6,7,8.....24.
3. All Jay R. Smith hydrants are manufactured with "NO-LEAD" brazing rings, and USDA approved lubricants.
4. When wall clamp -WC is desired, increase wall thickness dimension by 2 (51).
5. Add 3/4 (19) to Overall Length When Specified
6. When specifying Fig. 5619 (-SAP) the wall thickness shall be 2 (51).
7. Dimensions shown in parentheses are in millimeters.
8. The AB100, AB1953, California Lead Law, and NSF/ANSI Standard 61 - Drinking Water System Components are not applicable to Jay R. Smith hydrants as they do not convey/dispense water for human consumption through drinking or cooking.
9. **FOR IRRIGATION PURPOSES ONLY.**
10. Temperature Range:  
33.0°F to 140.0°F (0.6°C to 60.0°C).
11. This ASSE 1019 device shall not be subjected to more than twelve (12) hours of continuous water pressure.

**REGULARLY FURNISHED:**

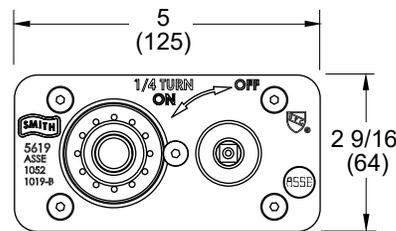
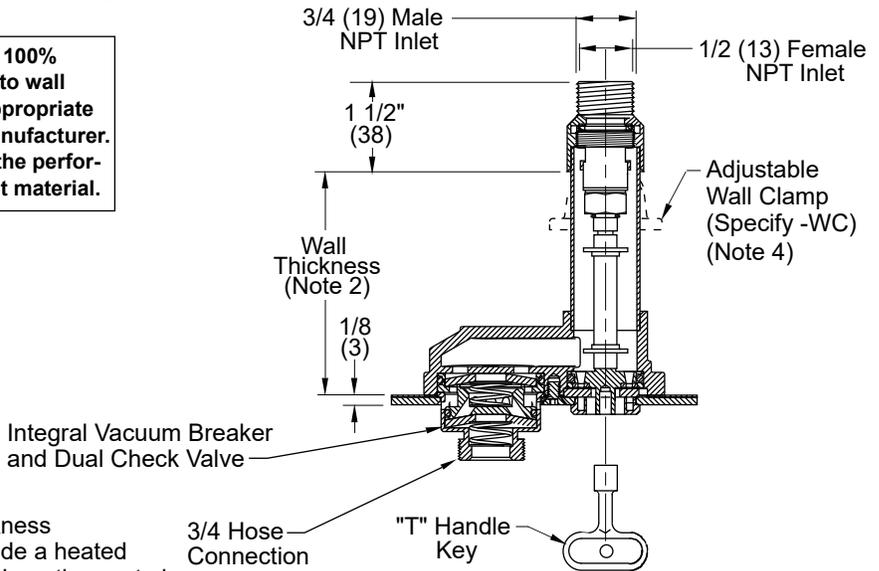
Bronze Quarter Turn Non-Freeze Automatic Draining Hydrant with Stainless Steel Face, Hose Connection, Integral Vacuum Breaker and Dual Check Valve and "T" Handle Key.

**VARIATIONS:**

- Adjustable Wall Clamp -WC (Note 4)
- 1 (25) Hose Connection -HC1
- 1 (25) Male NPT Inlet Connection -IC1 (Note 5)
- Mild Climate -SAP (Note 6)
- Wheel Handle (-WH)

**OPTIONAL MATERIALS:**

- Polished Bronze Face -PB
- Chrome Plated Face -CP



**FRONT VIEW**

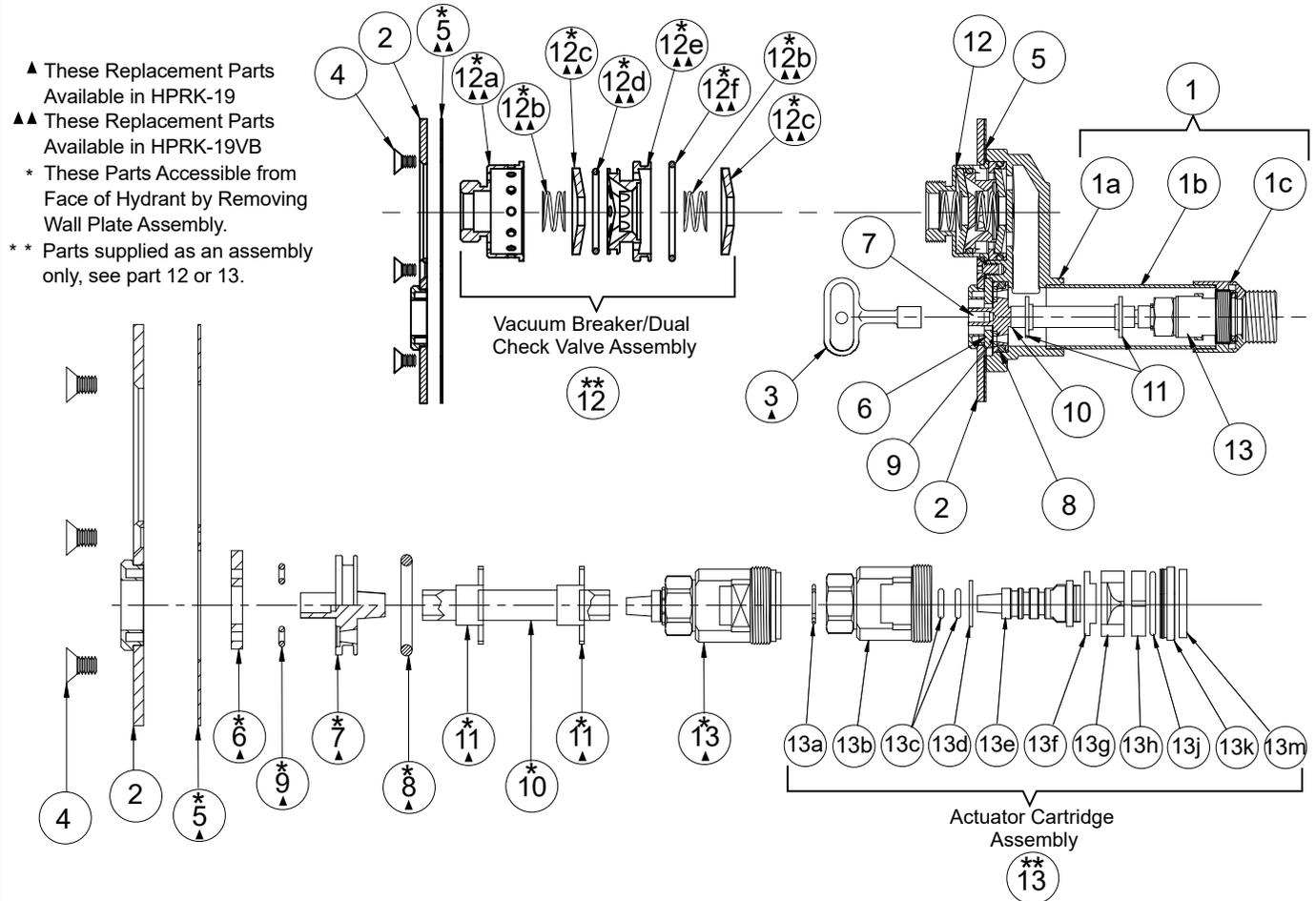
**FIG. 5619**

Seepage of a small amount of water may occur from the Vacuum Breaker upon the initial opening and closing of this hydrant. This is normal operation.

Meets ANSI A112.21.3M Specifications  
 Complies w/ ASSE 1019-B, 1052 and 1053.  
 IAPMO Listed- File #2749  
 Patent No. US 6,752,167

<b>5619</b>						
N	1-31-25	Revised Notes	HS	BW	WEIGHT	VOLUME
M	6-4-24	Added @	HS	CL	POUNDS	CUBIC FEET
L	3-20-24	Revised Notes	HS	CL	<b>FIGURE NUMBER</b>	
K	8-4-23	Removed Function	HS	CL	<b>5619</b>	
REV.	DATE	DESCRIPTION	BY	CKD. BY		

# GUARDIAN DUAL® CHECK HYDRANT PARTS LIST



- ▲ These Replacement Parts Available in HPRK-19
- ▲▲ These Replacement Parts Available in HPRK-19VB
- \* These Parts Accessible from Face of Hydrant by Removing Wall Plate Assembly.
- \*\* Parts supplied as an assembly only, see part 12 or 13.

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HYDRANT PARTS LIST							
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Casing Assembly	7	Moveable Operator Piece	12d	**Small O-Ring	13f	**Nylon Thrust Washer
1a	Head	8	Moveable Operator O-Ring	12e	**Flow Diverter	13g	**Rotating Ceramic Disc
1b	Casing	9	Drain Hole Seal (2)	12f	**Large O-Ring	13h	**Fixed Ceramic Disc
1c	Valve Housing	10	Operator Rod	13	Actuator Cartridge Assembly	13j	**O-Ring
2	Wall Plate Assembly	11	Operator Rod Guides (2)	13a	**Retaining Ring	13k	**O-Ring Gasket Retainer
3	Key	12	Vacuum Breaker/Dual Check Valve Assembly	13b	**Valve Body	13m	**Rubber Seal
4	Wall Plate Securing Screw (5)	12a	**Vacuum Breaker Housing	13c	**Actuator O-Ring (2)		
5	Wall Plate Gasket	12b	**Spring (2)	13d	**Nylon Thrust Spacer		
6	Stationary Operator Piece	12c	**Cone Washer (2)	13e	**Valve Actuator		

DRAWING NUMBER: 5619BS  
 SIZE: A  
 SCALE: NONE  
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 FIGURE NUMBER: 5619BS

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B	6-4-24	Added @	HS	CL	WEIGHT	VOLUME	FIGURE NUMBER
A	4-5-18	Added Note	TBW	BW	POUNDS	CUBIC FEET	5619BS
REV.	DATE	DESCRIPTION	BY	CKD. BY			