

GUARDIAN PLUS DUAL CHECK

1/4 TURN NON-FREEZE HYDRANT WITH AUTOMATIC DRAINING INTEGRAL VACUUM BREAKER, INTEGRAL SERVICE SHUT-OFF VALVE AND DUAL CHECK VALVE

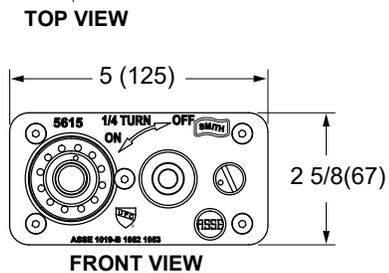
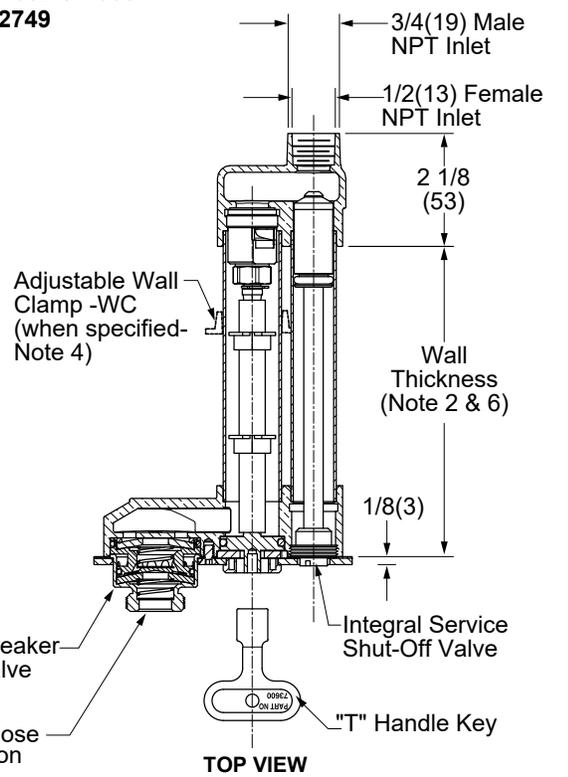
1/4 Turn of the Key Allows Full Flow to be Obtained
Meets ASME A112.21.3M
Complies with ASSE 1019-B, 1052 & 1053
IAPMO Listed - File # 2749

NOTES:

1. Recommended wall opening 2 1/4(57) x 4 3/4(121).
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 24.
3. All Jay R. Smith hydrants are manufactured with "NO LEAD" brazing rings and USDA approved lubricants.
4. When wall clamp -WC is specified increase the wall thickness dimension by 2(51).
5. Add 3/4 (19) to overall length when -IC1 is specified..
6. When specifying the -SAP mild climate 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 Systems Components are not applicable to Jay R. Smith hydrants as they do not convey/dispense water for human consumption through drinking or cooking.
9. An additional inlet isolation or shut-off valve is usually not needed with this hydrant, but if required it should be mounted (10) feet or more from the hydrant inlet.
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.
12. **FOR IRRIGATION PURPOSES ONLY.**

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

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.



NOTE: Dimensions shown in parentheses are in millimeters.

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

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

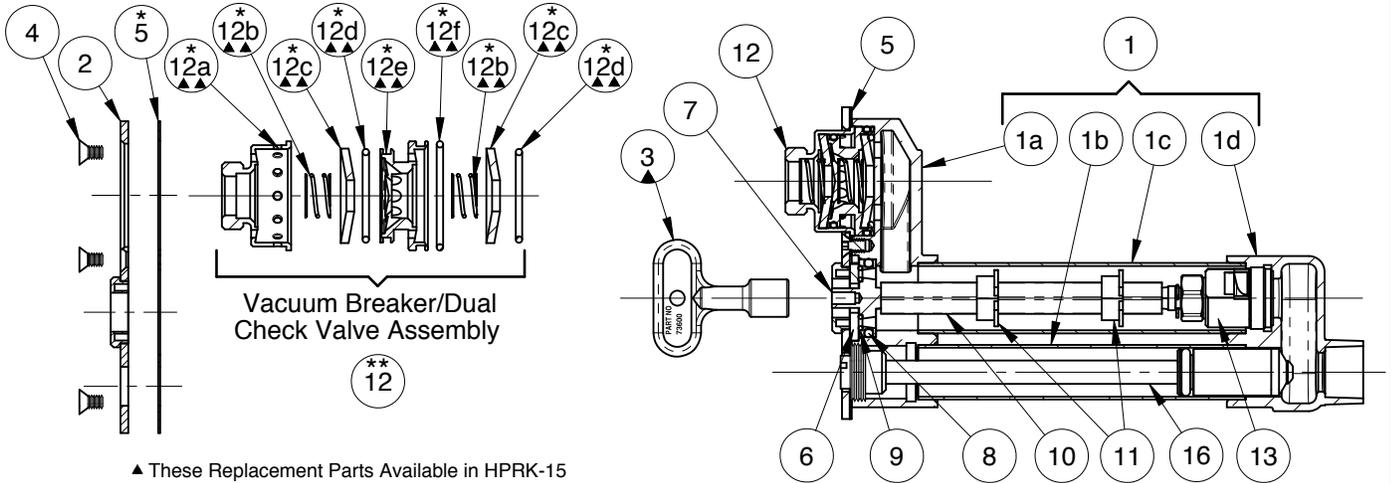
- OPTIONAL MATERIALS:**
- Polished Bronze Face -PB
 - Chrome Plated Face -CP

PATENT NO. 8,973,599
PATENT NO. 10, 017,921

DRAWING NUMBER **s5615**
 SIZE **A**
 SCALE: **NONE**
 DATE: **11-29-11**
 APPROVED BY: **CL**
 CHECKED BY: **CL**
 DRAWN BY: **TBW**
 FIGURE NUMBER **5615**
 DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE

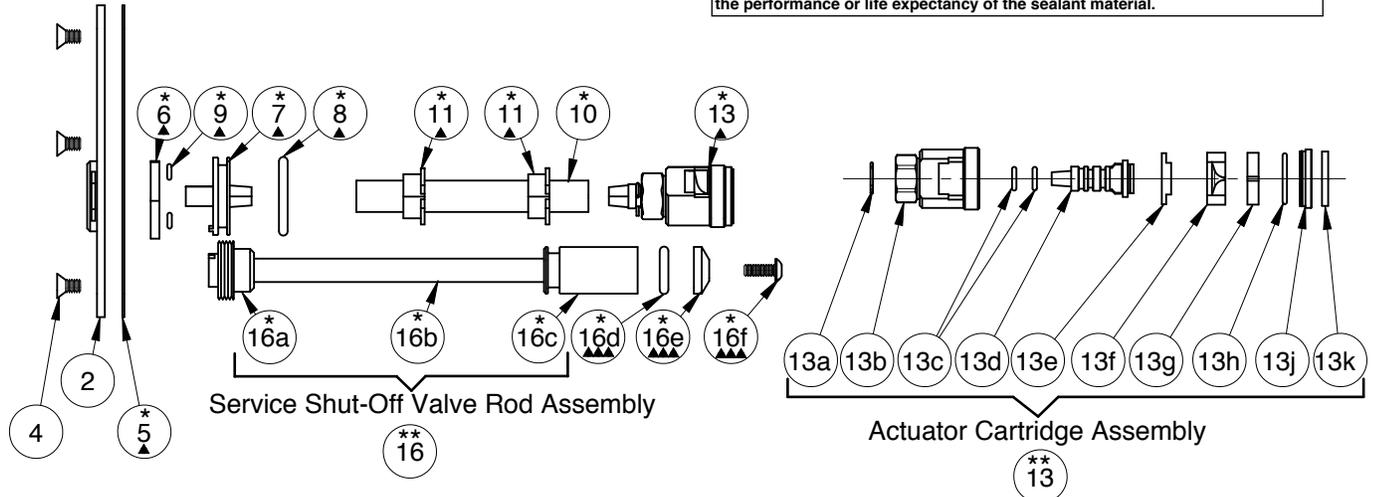
REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER <h1 style="margin: 0;">5615</h1>

GUARDIAN PLUS DUAL CHECK WALL HYDRANT PARTS LIST



- ▲ These Replacement Parts Available in HPRK-15
- ▲▲ These Replacement Parts Available in HPRK-19VB
- ▲▲▲ These Replacement Parts Available in HPRK-15SV
- * These Parts Accessible from Face of Hydrant by Removing Wall Plate Assembly.
- ** Parts supplied as an assembly only, see part 12, 13 or 16.

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HYDRANT PARTS LIST							
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Casing Assembly	8	Movable Operator O-Ring	12e	**Flow Diverter	13h	**O-Ring
1a	Head	9	Drain Hole Seal (2)	12f	**Large O-Ring	13j	**O-Ring Gasket Retainer
1b	Casing	10	Operator Rod	13	Actuator Cartridge Assembly	13k	**Rubber Seal
1c	Casing	11	Operator Rod Guides (2)	13a	**Retaining Ring	16	Service Valve Rod Assembly
1d	Valve Housing	12	Vacuum Breaker/Dual Check Valve Assembly	13b	**Valve Body	16a	**Service Valve Operator
2	Wall Plate Assembly	12a	**Vacuum Breaker Housing	13c	**Actuator O-Ring (2)	16b	**Service Valve Rod
3	Key	12b	**Spring (2)	13d	**Valve Actuator	16c	**Service Valve Plunger
4	Wall Plate Securing Screw (5)	12c	**Cone Washer (2)	13e	**Nylon Thrust Washer	16d	Service Valve O-Ring
5	Wall Plate Gasket	12d	**Small O-Ring	13f	**Rotating Ceramic Disc	16e	Service Valve Conical Washer
6	Stationary Operator Piece			13g	**Fixed Ceramic Disc	16f	Service Valve Washer Screw
7	Movable Operator Piece						

DRAWING NUMBER: 5615BS
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 WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

FIGURE NUMBER	C B A	4-5-18 4-23-14 2-21-12	Added Note Rev. Note Rev. Title	TBW TBW TBW	BW CL CL	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 5615BS
REV.	DATE	DESCRIPTION	BY	CKD. BY				