

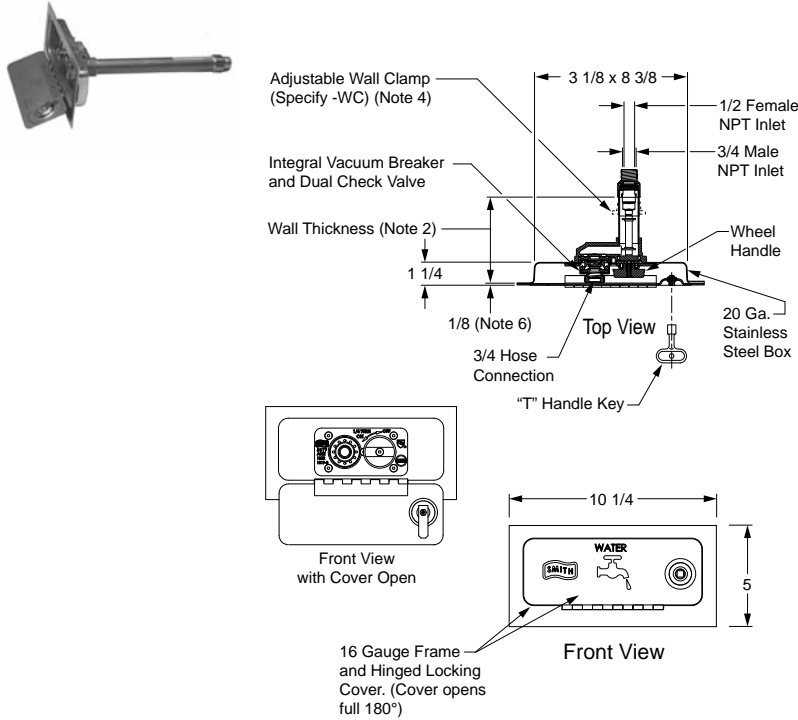
HYDRANTS

SMITH®



FIG. 5519 GUARDIAN DUAL CHECK-1/4 TURN NON-FREEZE WALL SS BOX-TYPE HYDRANT W/AUTOMATIC DRAINING INTEGRAL VACUUM BREAKER, DUAL CHECK VALVE AND CONCEALED HOSE CONN.

FUNCTION: Provides positive non-freeze protection where water is required at the outside of the building and features an integral vacuum breaker and dual check valve. The stainless steel recessed box conceals the nozzle and operating mechanism. The locking cover prevents unauthorized use.



WALL THICKNESS	3/4" INLET	APPROX WEIGHT LBS
-SAP	959.00	8
05 - 08"	1,110.00	9
09 - 16"	1,201.00	10
17 - 24"	1,289.00	11
25 - 31"	1,380.00	14

REGULARLY FURNISHED: Bronze Quarter Turn Non-Freeze Automatic Draining Hydrant with Stainless Steel Face, Hose Connection, Integral Vacuum Breaker and Dual Check Valve, "T" Handle Key, Wheel Handle and Stainless Steel Box with Full 180° Cover Opening.

OPTIONS:

OPTION	DESCRIPTION	ADD
-CL	Cylinder Lock	117.00
-CP	Chrome Plated Face	190.00
-E	Elbow Inlet	29.00
-E1	1" NPT Elbow Inlet	162.00
-HC1	1" Hose Conn Adaptor	133.00
-IC1	1" Male NPT Inlet Connection	133.00
-MF1	1" Straight Female Inlet	133.00
-NB	Nickel Bronze Face	173.00
-PB	Polished Bronze Face	38.00
-RB	Rough Bronze Face	38.00
-SE	Sweat Elbow Inlet	29.00
-SE1	1" NPT Sweat Elbow Inlet	162.00
-SS	Straight Sweat Inlet	N/C
-SS1	1" Straight Sweat Inlet	133.00
-WC	Adjustable Wall Clamp	N/C

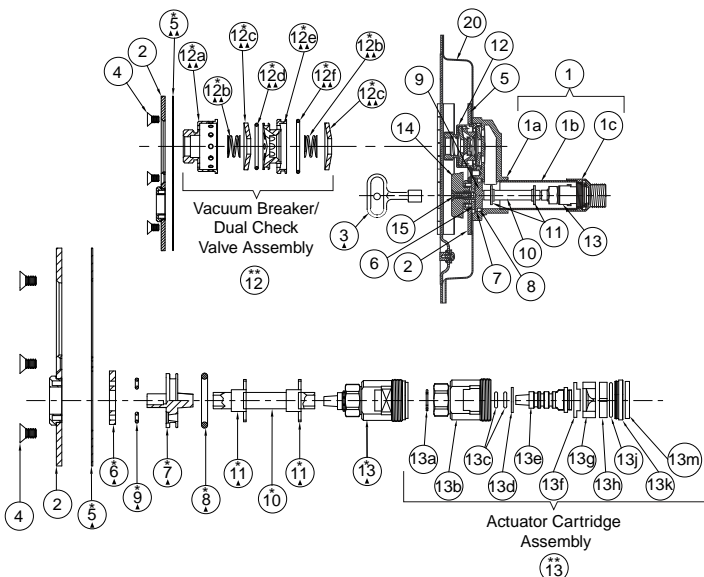
For Hydrant Parts Repair Kit, See Pg. 340

NOTES:

1. Recommended wall opening 3 3/16 x 8 1/2".
2. When ordering, specify wall thickness in 1" increments as follows 5,6,7,8,9.....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".
5. Add 3/4" to Overall Length when 1" NPT Male Inlet Connection is specified.
6. Add 3/8" When Optional Box Face Material is specified.
7. When specifying Fig. 5519 (-SAP) the wall thickness shall be 3".

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

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.



HYDRANT PARTS LIST					
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Casing Assembly	12	Vacuum Breaker/Dual Check Valve Assembly	13e	**Valve Actuator
1a	Head	12a	**Vacuum Breaker Housing	13f	**Nylon Thrust Washer
1b	Casing	12b	**Spring (2)	13g	**Rotating Ceramic Disc
1c	Valve Housing	12c	**Cone Washer (2)	13h	**Fixed Ceramic Disc
2	Wall Plate Assembly	12d	**Small O-Ring	13j	**O-Ring
3	Key	12e	**Flow Diverter	13k	**O-Ring Gasket Retainer
4	Wall Plate Securing Screw (5)	12f	**Large O-Ring	13m	**Rubber Seal
5	Wall Plate Gasket	13	Actuator Cartridge Assembly	14	Wheel Handle
6	Stationary Operator Piece	13a	**Retaining Ring	15	Wheel Handle Screw
7	Movable Operator Piece	13b	**Valve Body	20	Box Assembly
8	Movable Operator O-Ring	13c	**Actuator O-Ring (2)		
9	Drain Hole Seal (2)	13d	**Nylon Thrust Spacer		
10	Operator Rod				
11	Operator Rod Guides (2)				

▲ 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.