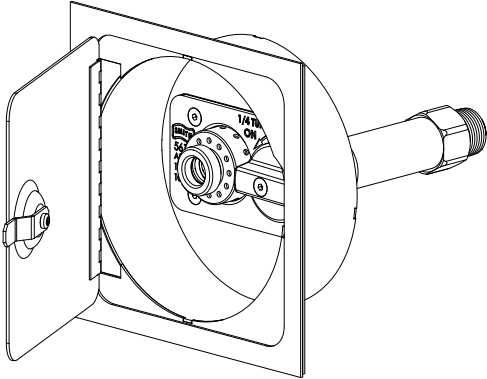
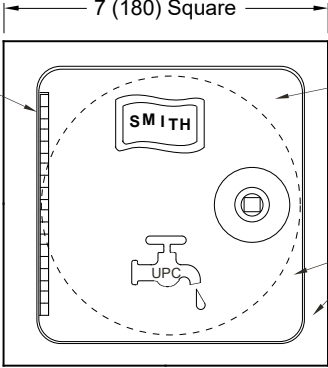


G	DRAWING NUMBER S5517	SIZE A	SCALE: NONE	DATE: 10/09/09	APPROVED BY: AM	CHECKED BY: AM	DRAWN BY: JJ	5517	DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE	SMITH® JAY R. SMITH MFG. CO.® MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 888-377-7818 www.jrsmith.com ASPE MEMBER OF: LOCATION									
										GUARDIAN DUAL CHECK 1/4 TURN NON-FREEZE WALL HYDRANT WITH AUTOMATIC DRAINING INTEGRAL VACUUM BREAKER, DUAL CHECK VALVE AND STAINLESS STEEL BOX									
										HYDRANT BOX FOR 6" (150) DIAMETER CORED HOLE IN CONCRETE EXTERIOR WALL									
										1/4 Turn of the Key or Wheel Handle Allows Full Flow to Be Obtained  FRONT VIEW with COVER OPEN 3/4 (19) Male NPT Inlet 1 1/2 (38) 1/2 (13) Female NPT Inlet Adjustable Wall Clamp -WC (when specified- Note 4) Wheel Handle (2) 3/8" (10) Tappings -TAP (when specified) 20 Gauge Stainless Steel Box 5 7/8 (148) DIA Wall Thickness (Note 2) 2 1/4 (57) 1/8 (3) Integral Vacuum Breaker and Dual Check Valve 3/4 Hose Connection "T" Handle Key TOP VIEW 7 (180) Square  FRONT VIEW 1. Recommended wall opening: 6" (150) DIA. 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: 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 (51). 5. Add 3/4 (19) to Overall Length When IC1 is Specified. 6. When specifying Fig. 5517 (-SAP) the wall thickness shall be 5 (125). 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. 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. ☐ 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) ☐ Cylinder Lock -CL ☐ "Water" on cover -W ☐ (2) 3/8"(10) Tappings -TAP 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. NOTE: Dimensions shown in parentheses are in millimeters. G F E 3-20-24 3-22-23 3-8-23 Revised Notes Revised Note 8 Added -TAP to Variations HS KK KK CL JT CL WEIGHT POUNDS VOLUME CUBIC FEET FIGURE NUMBER 5517									
										REV.	DATE	DESCRIPTION	BY	CKD. BY					



WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov

A	SMITH® JAY R. SMITH MFG. CO.® MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 334-272-7396 www.jrsmith.com MEMBER OF: MEMBER OF: MEMBER OF:				LOCATION												
	GUARDIAN DUAL CHECK HYDRANT PARTS LIST																
DRAWING NUMBER S5517BS	SIZE A	SCALE: NONE	DATE: 10/12/09	APPROVED BY: AM	CHECKED BY: AM	DRAWN BY: JJ	WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA										
▲ 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.																	
Installer is responsible for providing a 100% watertight positive seal at the hydrant to box interface and hydrant to wall interface. Seal all interior joints, seams, gasket seams/closures including around the hydrant box 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.																	
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)	14	Wheel Handle										
5	Wall Plate Gasket	12b	**Spring (2)	13d	**Nylon Thrust Spacer	15	Wheel Handle Screw										
6	Stationary Operator Piece	12c	**Cone Washer (2)	13e	**Valve Actuator	20	Box Assembly										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">A</td> <td style="width: 10%;">7-20-16</td> <td style="width: 10%;">Added Note</td> <td style="width: 10%;">TBW</td> <td style="width: 10%;">BW</td> </tr> <tr> <td>REV.</td> <td>DATE</td> <td>DESCRIPTION</td> <td>BY</td> <td>CKD. BY</td> </tr> </table> WEIGHT POUNDS VOLUME CUBIC FEET FIGURE NUMBER 5517BS								A	7-20-16	Added Note	TBW	BW	REV.	DATE	DESCRIPTION	BY	CKD. BY
A	7-20-16	Added Note	TBW	BW													
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