

Q	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 MEMBER OF: MEMBER OF:					LOCATION											
	GUARDIAN PLUS DUAL CHECK 1/4 TURN NON-FREEZE HYDRANT WITH AUTOMATIC DRAINING INTEGRAL VACUUM BREAKER, INTEGRAL SERVICE SHUT-OFF VALVE, DUAL CHECK VALVE, AND STAINLESS STEEL BOX																
	1/4 Turn of the Key or Wheel Handle Allows Full Flow to be Obtained Meets ASME A112.21.3M Complies with ASSE 1019-B, 1052 & 1053 IAPMO Listed - File # 2749																
	FRONT VIEW with COVER OPEN TOP VIEW																
NOTES: - Recommended wall opening 3 3/16(83) x 8 1/2(215). - 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. - All Jay R. Smith hydrants are manufactured with "NO LEAD" brazing rings and USDA approved lubricants. - When wall clamp -WC is specified increase the wall thickness dimension by 2(51). - Add 3/4(19) to overall length when specified. - When specifying the -SAP mild climate the wall thickness shall be 3(76). - Dimensions shown in parentheses are in millimeters. - 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. - Add 3/8(10) when optional box face material is specified. - An additional inlet isolation or shut-off valve is usually unneeded with this hydrant, but if required it should be mounted (10) feet or more from the hydrant inlet. - Temperature Range: 33.0°F to 140.0°F (0.6°C to 60.0 °C). - This ASSE 1019 device shall not be subjected to more than twelve (12) hours of continuous water pressure. FOR IRRIGATION PURPOSES ONLY. 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, "T" Handle Key and Stainless Steel Box with Full 180° Cover Opening.																	
VARIATIONS: ☐ Adjustable Wall Clamp -WC (Note 4) ☐ 1" Hose Connection -HC1 ☐ 1" Male NPT Inlet Connection -IC1 (Note 5) ☐ Mild Climate -SAP (Note 6) ☐ Cylinder Lock -CL ☐ Wheel Handle -WH OPTIONAL MATERIALS: ☐ Polished Bronze Box Face -PB ☐ Nickel Bronze Box Face -NB ☐ Rough Bronze Box Face -RB ☐ Chrome Plated Box Face -CP																	
PATENT NO. 8,973,599 PATENT NO. 10, 017,921																	
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%;">REV.</td> <td style="width:10%;">DATE</td> <td style="width:30%;">DESCRIPTION</td> <td style="width:10%;">BY</td> <td style="width:10%;">CKD. BY</td> <td style="width:10%;">WEIGHT POUNDS</td> <td style="width:10%;">VOLUME CUBIC FEET</td> <td style="width:20%; text-align: center;"> FIGURE NUMBER 5515 </td> </tr> </table>										REV.	DATE	DESCRIPTION	BY	CKD. BY	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 5515
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	CUSTOMER DRIVEN SINCE 1926																						
	MEMBER OF:																						
GUARDIAN PLUS DUAL CHECK WALL HYDRANT PARTS LIST																							
DRAWING NUMBER	s5515BS																						
SIZE	A																						
SCALE:	NONE																						
DATE:	11-29-11																						
APPROVED BY:	CL																						
CHECKED BY:	CL																						
DRAWN BY:	TBW																						
FIGURE NUMBER	5515BS																						
WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA																							
DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE																							
Vacuum Breaker/Dual Check Valve Assembly 12 ▲ 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. Actuator Cartridge Assembly 13 Service Shut-Off Valve Rod Assembly 16 Actuator Cartridge Assembly 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	9	Drain Hole Seal (2)	13a	**Retaining Ring	16	Service Valve Rod Assembly																
1a	Head	10	Operator Rod	13b	**Valve Body	16a	**Service Valve Operator																
1b	Casing	11	Operator Rod Guides (2)	13c	**Actuator O-Ring (2)	16b	**Service Valve Rod																
1c	Casing	12	Vacuum Breaker/Dual Check Valve Assembly	13d	**Valve Actuator	16c	**Service Valve Plunger																
1d	Valve Housing	12a	**Vacuum Breaker Housing	13e	**Nylon Thrust Washer	16d	Service Valve O-Ring																
2	Wall Plate Assembly	12b	**Spring (2)	13f	**Rotating Ceramic Disc	16e	Service Valve Conical Washer																
3	Key	12c	**Cone Washer (2)	13g	**Fixed Ceramic Disc	16f	Service Valve Washer Screw																
4	Wall Plate Securing Screw (5)	12d	**Small O-Ring	13h	**O-Ring	20	Box Assembly																
5	Wall Plate Gasket	12e	**Flow Diverter	13j	**O-Ring Gasket Retainer																		
6	Stationary Operator Piece	12f	**Large O-Ring	13k	**Rubber Seal																		
7	Movable Operator Piece	13	Actuator Cartridge Assembly																				
8	Movable Operator O-Ring																						
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WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov