

K					LOCATION			
	QUARTERHORSE 1/4 TURN NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER AND STAINLESS STEEL BOX							
	BOX TYPE WITH CONCEALED HOSE CONNECTION FOR CORED 6" (150) DIA. HOLE IN CONCRETE WALL							
	1/4 Turn of the Key Allows Full Flow to Be Obtained							
FIG. 5509QT-R								
REGULARLY FURNISHED: Bronze Nickel Plated Quarter Turn Non-Freeze Hydrant with Hose Connection, Integral Vacuum Breaker, "T" Handle Key, and Stainless Steel Box with Full 180° Cover Opening. VARIATIONS: Adjustable Wall Clamp -WC Cylinder Lock -CL 1" (25) Hose Connection -HC1 1" (25) Male NPT Inlet Connection -IC1 "Water" On Cover -W (2) 3/8"(10) Tappings -TAP								
★Add 3/4" (19) to Overall Length When Specified								
NOTES: 1. *Recommended wall opening 6"(150) x 6"(150). Hydrant shall be in the vertical position only, the connection must be on the bottom. 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 2"(51) increments as follows: 06(150), 08(205), 10(255), 12(305), 14(355), 16(405), 18(455), 20(510), 22(560) or 24(610). When wall clamp -WC is desired, increase wall thickness dimension by 2"(51). 3. All Jay R. Smith hydrants are manufactured with "NO-LEAD" brazing rings, and USDA approved lubricants. 4. 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. 5. Dimensions shown in parentheses are in millimeters. 6. FOR IRRIGATION PURPOSES ONLY. 7. For the hydrant to drain properly and provide non-freeze protection when used with a hose, the Hose must be removed from the nozzle after each use. 8. Temperature Range: 33.0°F to 140.0°F (0.6°C to 60.0°C).								
PATENTED								
5509QT-R	K J H G	2-3-25 3-19-24 8-1-23 3-22-23	Revised Notes Revised Notes Removed Function Revised Note 4	HS HS HS HK	BW CL CL JT	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 5509QT-R
	REV.	DATE	DESCRIPTION	BY	CKD. BY			



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

FIGURE NUMBER	5509QT-RBS				DRAWN BY: JJ	CHECKED BY: TK	APPROVED BY: TK	DATE: 11/04/09	SCALE: NONE	SIZE: A	DRAWING NUMBER S5509QT-RBS	B																																																																																
	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 MEMBER OF: MEMBER OF:												LOCATION																																																																															
	HYDRANT PARTS LIST																																																																																											
	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.																																																																																											
△ These Replacement Parts Available in HPRK-7 △△ These Replacement Parts Available in HPRK-7VB * All Parts Accessible from Face of Hydrant by Removing Face Nut. <table border="1" style="width: 100%; border-collapse: collapse; font-size: 0.8em;"> <thead> <tr> <th colspan="4" style="text-align: center;">HYDRANT PARTS LIST</th> </tr> <tr> <th style="width: 5%;">NO.</th> <th style="width: 45%;">DESCRIPTION</th> <th style="width: 5%;">NO.</th> <th style="width: 45%;">DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Head/Casing Assembly</td> <td>10</td> <td>Operator Rod</td> </tr> <tr> <td>1a</td> <td>Head</td> <td>11</td> <td>Face Nut Washer</td> </tr> <tr> <td>1b</td> <td>Casing</td> <td>12</td> <td>Vacuum Breaker Assembly</td> </tr> <tr> <td>1c</td> <td>Valve Housing</td> <td>12a</td> <td>VB Cap</td> </tr> <tr> <td>3</td> <td>Key</td> <td>12b</td> <td>VB Body</td> </tr> <tr> <td>7</td> <td>Face Nut</td> <td>12c</td> <td>VB Washer</td> </tr> <tr> <td>8</td> <td>Actuator Shaft</td> <td>12d</td> <td>VB "O" Ring</td> </tr> <tr> <td>9</td> <td>Actuator "O" Ring</td> <td>12e</td> <td>VB Piston</td> </tr> <tr> <td></td> <td></td> <td>13</td> <td>Valve Body Assembly</td> </tr> <tr> <td></td> <td></td> <td>13a</td> <td>Retaining Ring</td> </tr> <tr> <td></td> <td></td> <td>13b</td> <td>Valve Body</td> </tr> <tr> <td></td> <td></td> <td>13c</td> <td>Valve Actuator</td> </tr> <tr> <td></td> <td></td> <td>13d</td> <td>Nylon Thrust Washer</td> </tr> <tr> <td></td> <td></td> <td>13e</td> <td>Rotating Ceramic Disc</td> </tr> <tr> <td></td> <td></td> <td>13f</td> <td>Fixed Ceramic Disc</td> </tr> <tr> <td></td> <td></td> <td>13g</td> <td>Silicon Rubber Seal</td> </tr> <tr> <td></td> <td></td> <td>13h</td> <td>Retainer Guide (2)</td> </tr> <tr> <td></td> <td></td> <td>14</td> <td>Box Assembly S.S.</td> </tr> </tbody> </table>													HYDRANT PARTS LIST				NO.	DESCRIPTION	NO.	DESCRIPTION	1	Head/Casing Assembly	10	Operator Rod	1a	Head	11	Face Nut Washer	1b	Casing	12	Vacuum Breaker Assembly	1c	Valve Housing	12a	VB Cap	3	Key	12b	VB Body	7	Face Nut	12c	VB Washer	8	Actuator Shaft	12d	VB "O" Ring	9	Actuator "O" Ring	12e	VB Piston			13	Valve Body Assembly			13a	Retaining Ring			13b	Valve Body			13c	Valve Actuator			13d	Nylon Thrust Washer			13e	Rotating Ceramic Disc			13f	Fixed Ceramic Disc			13g	Silicon Rubber Seal			13h	Retainer Guide (2)			14	Box Assembly S.S.
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