

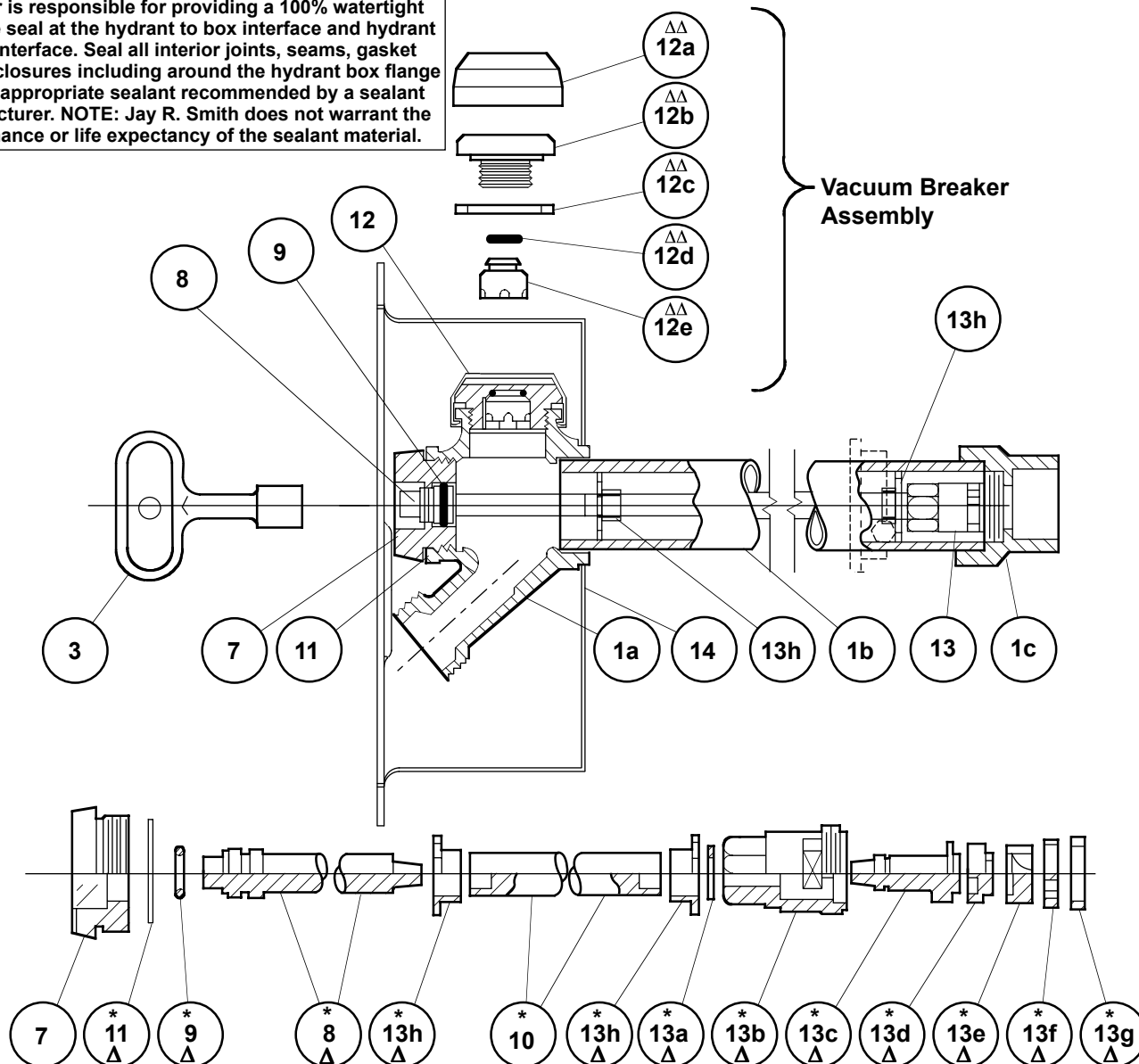
5509QT-R	J	JAY R. SMITH MFG. CO.® MEMBER OF MORRIS GROUP INTERNATIONAL POST OFFICE BOX 3237 MONTGOMERY, ALABAMA 36109-0237 (USA) TEL: 334-277-8520 FAX: 888-377-7818 www.jrsmith.com	 MEMBER OF:	LOCATION
	DRAWING NUMBER 5509QT-R	QUARTERHORSE 1/4 TURN NON-FREEZE WALL HYDRANT WITH INTEGRAL VACUUM BREAKER AND STAINLESS STEEL BOX		
	SIZE A	BOX TYPE WITH CONCEALED HOSE CONNECTION FOR CORED 6" (150) DIA. HOLE IN CONCRETE WALL		
	SCALE: NONE	1/4 Turn of the Key Allows Full Flow to Be Obtained		
	DATE: 11/04/09			
APPROVED BY: TK	FIG. 5509QT-R			
CHECKED BY: TK	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			
DRAWN BY: JJ	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.			
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				
PATENTED				
REV.	DATE	DESCRIPTION	BY	CKD. BY
JTG	3-19-24 8-1-23 3-22-23 3-8-23	Revised Notes Removed Function Revised Note 4 Added -TAP Variation	HS HS KK KK	CL CL JT CL
		WEIGHT POUNDS	VOLUME CUBIC FEET	
		FIGURE NUMBER 5509QT-R		



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

HYDRANT PARTS LIST

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Δ 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.

HYDRANT PARTS LIST					
NO.	DESCRIPTION	NO.	DESCRIPTION	NO.	DESCRIPTION
1	Head/Casing Assembly	10	Operator Rod	13a	Retaining Ring
1a	Head	11	Face Nut Washer	13b	Valve Body
1b	Casing	12	Vacuum Breaker Assembly	13c	Valve Actuator
1c	Valve Housing	12a	VB Cap	13d	Nylon Thrust Washer
3	Key	12b	VB Body	13e	Rotating Ceramic Disc
7	Face Nut	12c	VB Washer	13f	Fixed Ceramic Disc
8	Actuator Shaft	12d	VB "O" Ring	13g	Silicon Rubber Seal
9	Actuator "O" Ring	12e	VB Piston	13h	Retainer Guide (2)
		13	Valve Body Assembly	14	Box Assembly S.S.

B A	3-13-24 7-19-16	Added Note Added Note	HS TBW	CL BW	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 5509QT-RBS
REV.	DATE	DESCRIPTION	BY	CKD. BY			



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