

**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

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

1/4 Turn of the Key Allows Full Flow to Be Obtained

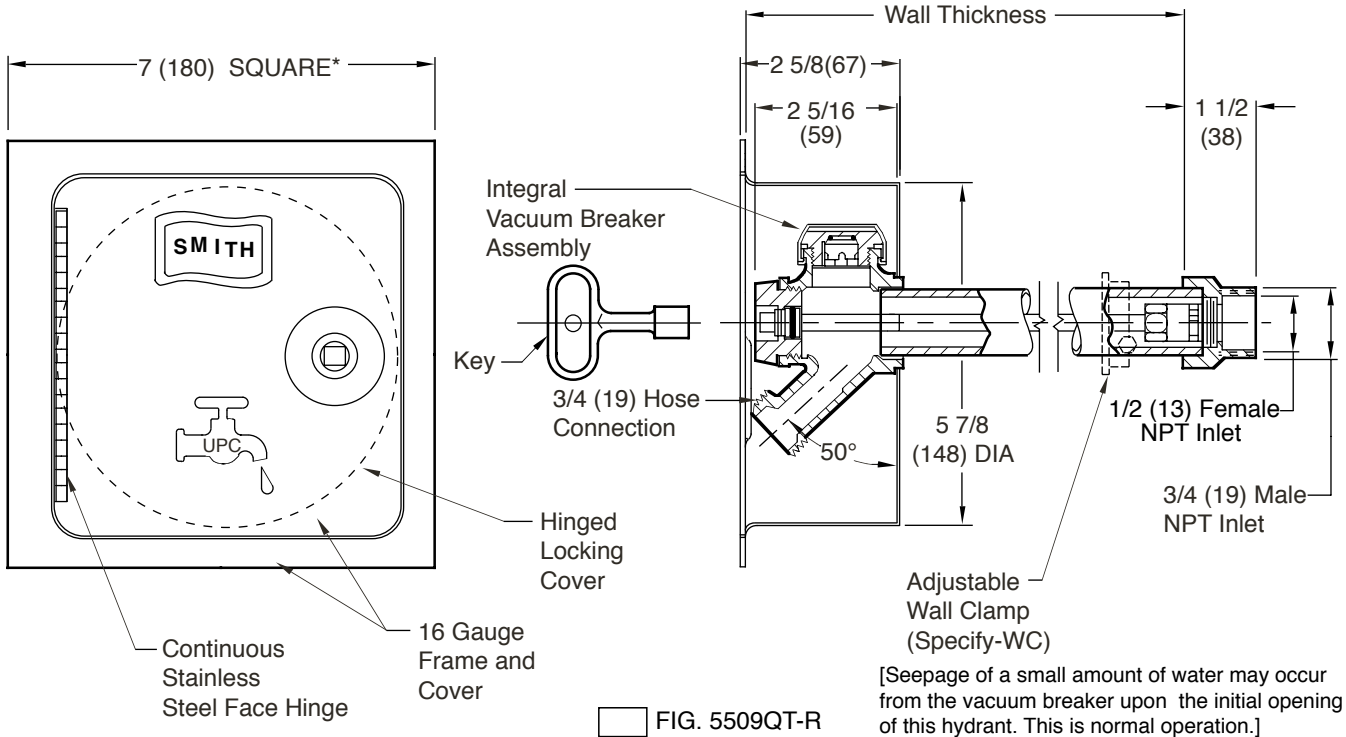


FIG. 5509QT-R

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

** Add 3/4" (19) to Overall Length When Specified

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:**
- *Recommended wall opening 6" (150) x 6" (150). Hydrant shall be in the vertical position only, the connection must be on the bottom.
 - When ordering, specify wall thickness 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).
 - All Jay R. Smith hydrants are manufactured with "NO-LEAD" brazing rings, and USDA approved lubricants.
 - The AB1953, California Lead Law, and NSF/ANSI Standard 61-2008 - 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.
 - Dimensions shown in parentheses are in millimeters.
 - FOR IRRIGATION PURPOSES ONLY.**
 - 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.

PATENTED

E	3-26-19	Added Note	MW	CR	WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 5509QT-R
D	7-19-16	Added Note	TBW	BW			
C	1-31-13	Revised Notes	TBW	CL			
B	6-13-11	Revised Note	TBW	CL			
REV.	DATE	DESCRIPTION	BY	CKD. BY			

DRAWING NUMBER
S5509QT-R

SIZE
A

SCALE:
NONE

DATE:
11/04/09

APPROVED BY:
TK

CHECKED BY:
TK

DRAWN BY:
JJ

5509QT-R

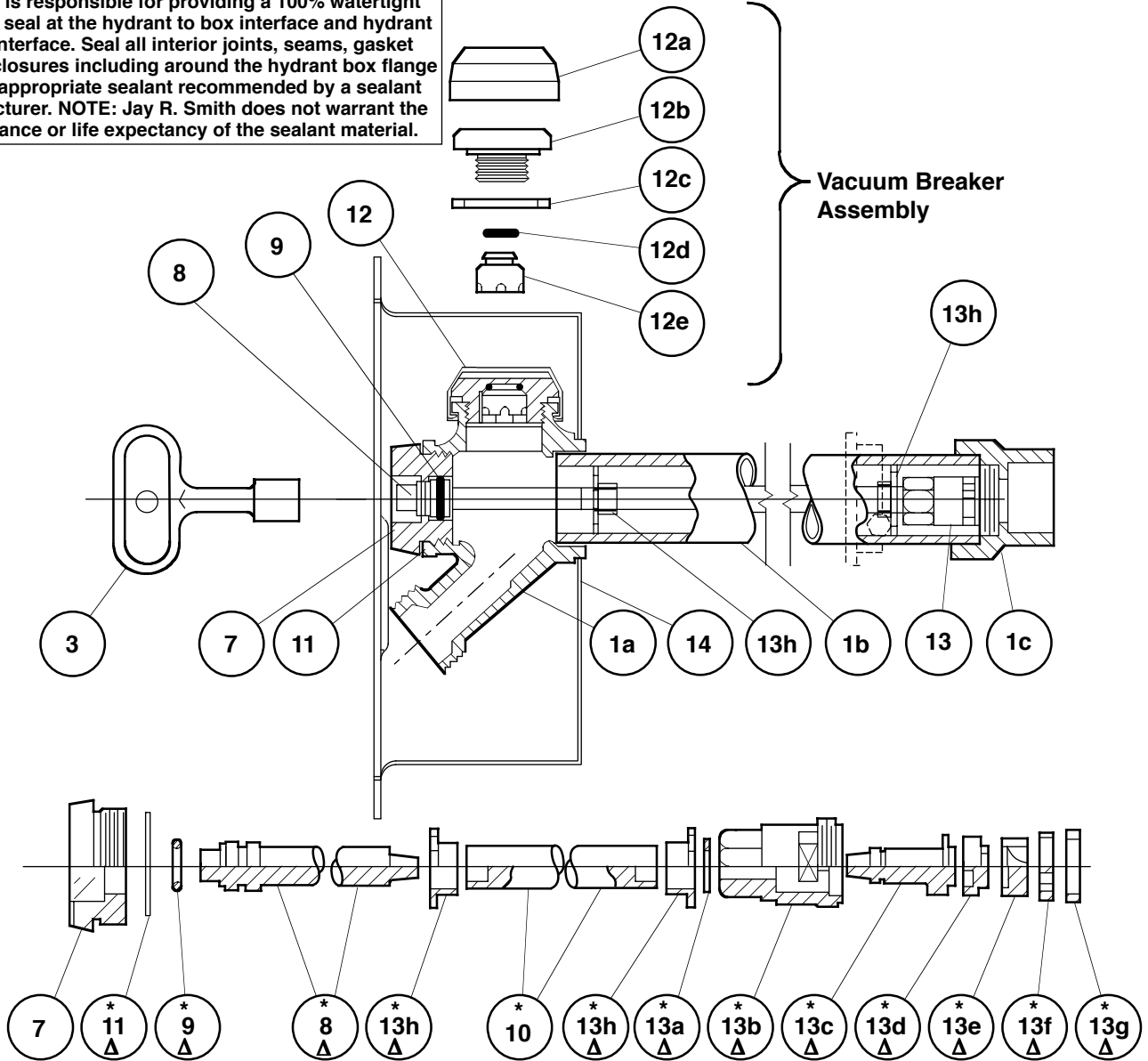
WE CAN ASSUME NO RESPONSIBILITY FOR USE OF SUPERSEDED OR VOID DATA

DIMENSIONS ARE SUBJECT TO MANUFACTURERS TOLERANCE AND CHANGE WITHOUT NOTICE



HYDRANT PARTS LIST

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DRAWING NUMBER
S5509QT-RBS

SIZE
A

SCALE:
NONE

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11/04/09

APPROVED BY:
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CHECKED BY:
TK

DRAWN BY:
JJ

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FIGURE NUMBER
5509QT-RBS

Δ These Replacement Parts Available in HPRK-7

* 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.

A	7-19-16	Added Note	TBW	BW
REV.	DATE	DESCRIPTION	BY	CKD. BY

WEIGHT POUNDS	VOLUME CUBIC FEET	FIGURE NUMBER 5509QT-RBS
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