

### SS-SHV1.2

### SINGLE CONTROL PROGRESSIVE VALVE

### SS-THV2.2 TWO HANDLE ROUGH (HOT AND COLD VOLUME CONTROLS)

**Note:**

- USE TEFLON TAPE OR PIPE SEALANT FOR THREADED CONNECTIONS
- DO NOT USE PLUMBER'S PUTTY ON ANY OF THE BRASS COMPONENTS  
This will cause the finish to tarnish and void the warranty. A non-corrosive Alkoxy Silicone is recommended.
- DURING SWEATING OF LINES DO NOT OVERHEAT CASTING  
Overheating may cause damage to internal mechanism and void the manufacturer's warranty as well as increase the risk of scalding.
- COPPER ADAPTORS MAY BE REQUIRED TO COMPLETE YOUR INSTALLATION

### DIAGRAM A

Measurements are from the tip of the stem to the finished wall

HANDLE TRIM #	MEASUREMENT (IN.)	HANDLE TRIM #	MEASUREMENT (IN.)	HANDLE TRIM #	MEASUREMENT (IN.)	HANDLE TRIM #	MEASUREMENT (IN.)
A	3	CC40/ 41/ 42	2 ¼	J5/ J6	2 ½	U3 to U7	3 ¼
AA	3 ¼	CC51	1 ¾	KK	2 ¼	U8	1 ¾
AQ	2	CC61	2 ½	L4/ L5/ L6/L8	1 ¾	V	2 ¼
AX	3	CL14/ CL15	2 5/8	MZ4/MZ5	2 7/8	V1	1 ½
AZ1	2 ½	CL16	2 1/8	N2/ N3/ N4	2 ¼	V2/W	2
B4/ B5	3	CRY4	3 1/8	N5	2 ½	WA/ WB/WC/WD	2 ½
B9	2 1/8	CRY5	2 7/8	R1/ R2	1 ½	WW	3 ½
BB/ CC	3 ¼	D	3	R3	2 ¼	X	2 ¾
BG4/BG5	2 ¾	D5/ D6	2 ½	S	2 ¾	XJ/ XM/ XN	2
BL1	1 3/8	DD	3 ¼	S1/S1A/S2/S3	2 ¼	XO/ XQ	2
BL2/ BL3	1 ½	DD2/ DD3	1 7/8	SA1	2 ¾	XX	3
BK	1 5/8	E/ F/G	3	SA2/ SW	3	Y	2 ¾
BV01/ BV02	3	E1* E2*	1	SP4/ SP5	2 1/8	Y2	2 ¼
BV05	2	ED1/ ED4	1 ¼	T/T1/T4	2 ½	YY	3
BV09	3	ED2/ ED3	1 3/8	T6/ T7/ T8/ T9	3	Z	2 ¾
BV13	2 ½	EV4	1 7/8	TIA/ TIB	1 3/4	ZZ	3
BV81	2 ¼	H	3 ¼	TR14/ TR15	3	ZEN	1 1/8
CC11	2 ½	H4	2 ¼	TR24/ TR25	2 1/8		
CC20/ 21/ 22	2 ¼	HH/ I	3	U	2 ½		
CC30/ CC31	3	IN14/IN16	3	U1	3 ½		

**NOTE: WHEN FITTING HANDLE IT MAY BE NECESSARY TO SHORTEN BROACH STEM AND/ OR THREADED NIPPLE TO MINIMIZE GAP BETWEEN HANDLE AND ESCUTCHEON**

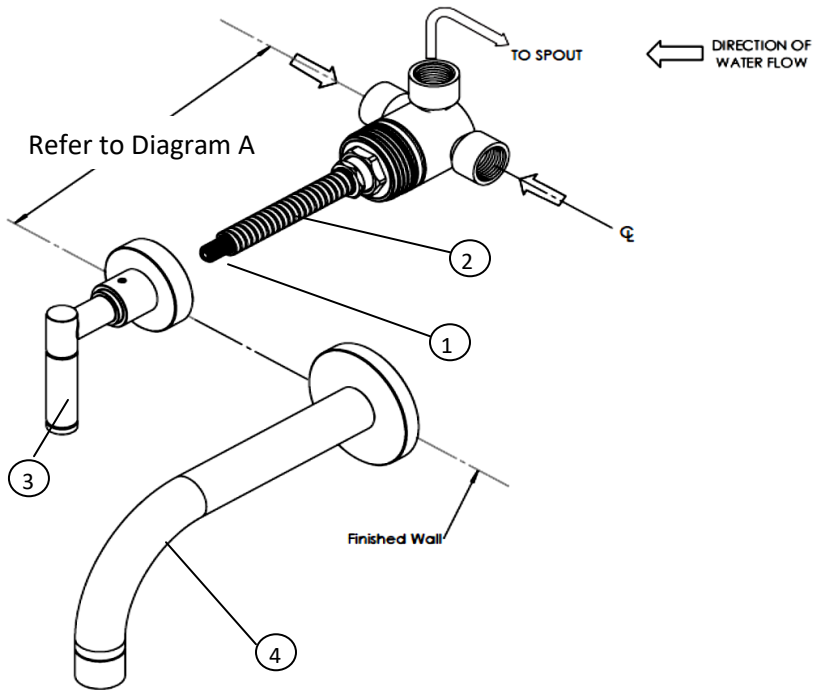
#### Valve Installation

- Carefully remove all parts from the box. These units should contain the following parts:
  - For Wall mounted – single lever faucets refer to Diagram B.
  - For Wall mounted – two handle faucets refer to Diagram C.  
**Note that "T" connection and Nipples do not come provided.**
- Place the valve rough body in position according to installation Diagram A.
  - **Measure from the tip of the stem to the finished wall.** Be sure to have additional stem length available in case of extra float for tile, marble or other surface material.
- Sweat lines so that water follows arrow on valves.
- Test valve after it is installed.

**Note:** Single handle valves will not operate unless both Hot and Cold water supplies are turned on.

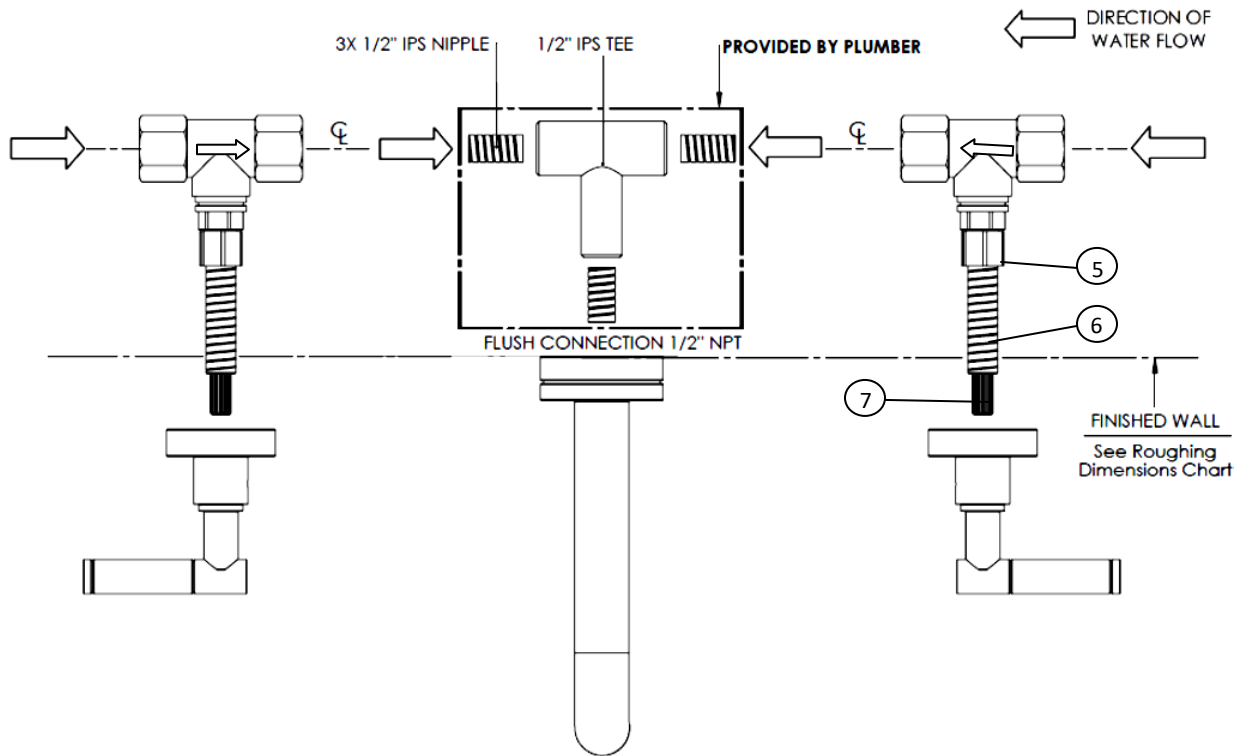
- Run valve for 30 seconds and check for leaks

### DIAGRAM B



ITEM #	PART #
1	STEM
2	ALL THREAD NIPPLE
3	HANDLE TRIM
4	SPOUT
5	TENSION NUT
6	ALL THREAD NIPPLE
7	STEM

### DIAGRAM C



5. Once valve has been tested proceed to close wall. Be sure to leave holes large enough to access the stem.
  - **NOTE:** Single handle valve hole should be kept to 1 5/8" to maintain access to stem.
  - **NOTE:** Two handle valve holes should be kept to 1" to maintain access to stem.
6. Install Trim.
  - Mount and hand tighten escutcheons to all thread nipples.
  - Install handles on valves. Stems can be cut down if necessary.
  - **NOTE:** Female thread is 2" deep.
  - **NOTE:** For two handle valves:  
 For heavier lever handles tighten stem tension adjustment nut.  
 It is recommended that the handles close in a horizontal position (9:00 and 3:00 going from left to right) and open up towards 12:00 in case of loss of water pressure.
  - **NOTE:** Alignment kits are provided to aid in positioning handles horizontally.
  - If valve is set too far in the wall, 1" extension kits may be ordered:  
 Model # SS-EXT60 for SS-THV2.2 two handle wall rough  
 Model # SS-EXT20 for SS-SHV1.2 single handle wall rough
7. Install lavatory spout.
  - Connect brass threaded nipple from the center of the tee connection to the lavatory spout. It may be necessary to cut down the nipple. Refer to Diagram D
    - **\*NOTE:** For 35 series spouts, remove the nipple from spout when installing to prevent breaking
    - Trims with spout from Group A require the nipple to extend 1/2" beyond the finished wall.
    - Trims with spouts from Group B require the nipple to be recessed 1/2" behind the finished wall.
    - Trims with spouts from Group C require a female nipple to be recessed 1/2" behind the finished wall.

### Diagram D

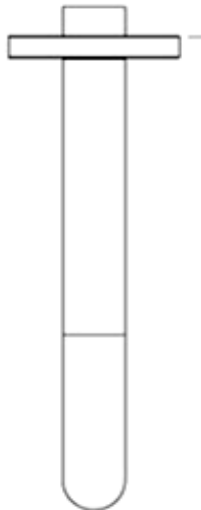
FLUSH CONNECTION 1/2" NPT



GROUP A

(SERIES 24, 25, 26, 27, 28, 29, 32, 34, 44, 86, 96, 160, 80, 203, 314)

RECESS CONNECTION 1/2" NPT (FEMALE THREAD)



GROUP B

(SERIES 22, 30, 31, 33, 37, 140, 150, 201, 205, 206, 310, 311, 312, 316, 319, 321)

RECESS CONNECTION 1/2" NPT (MALE THREAD)

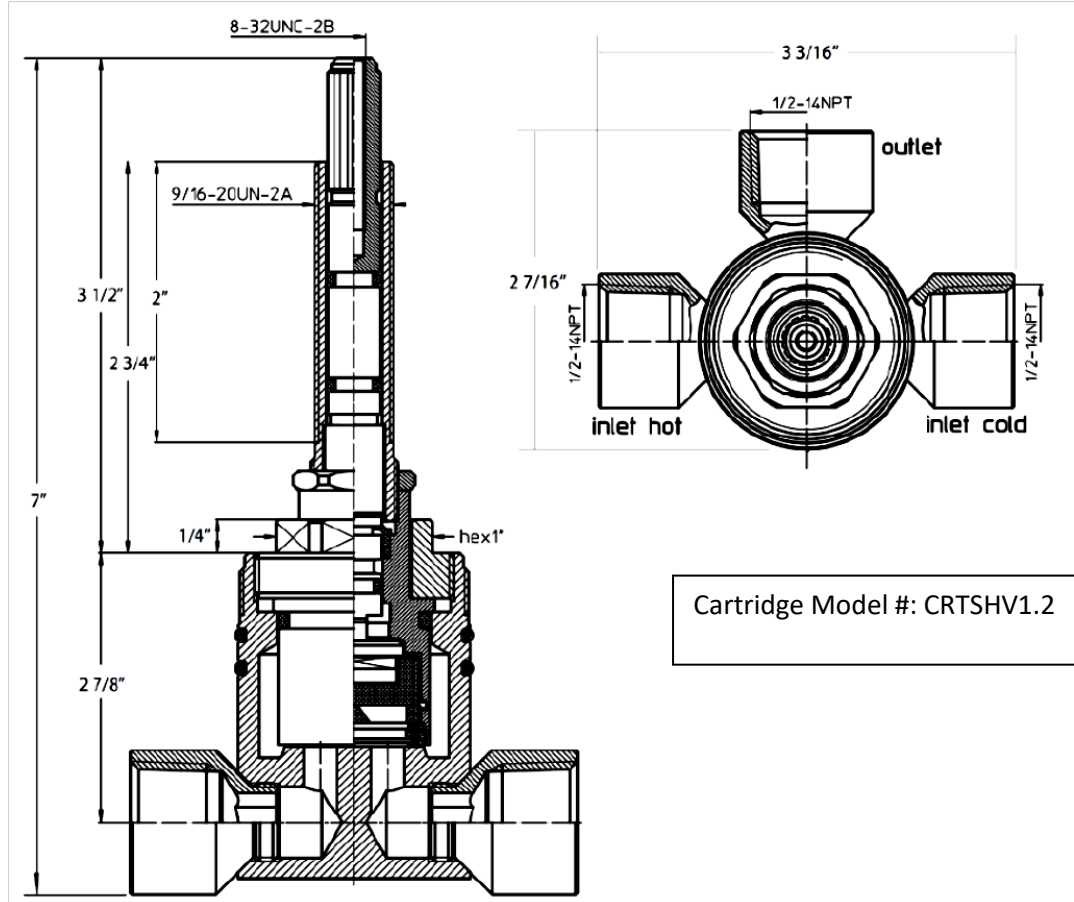


GROUP C

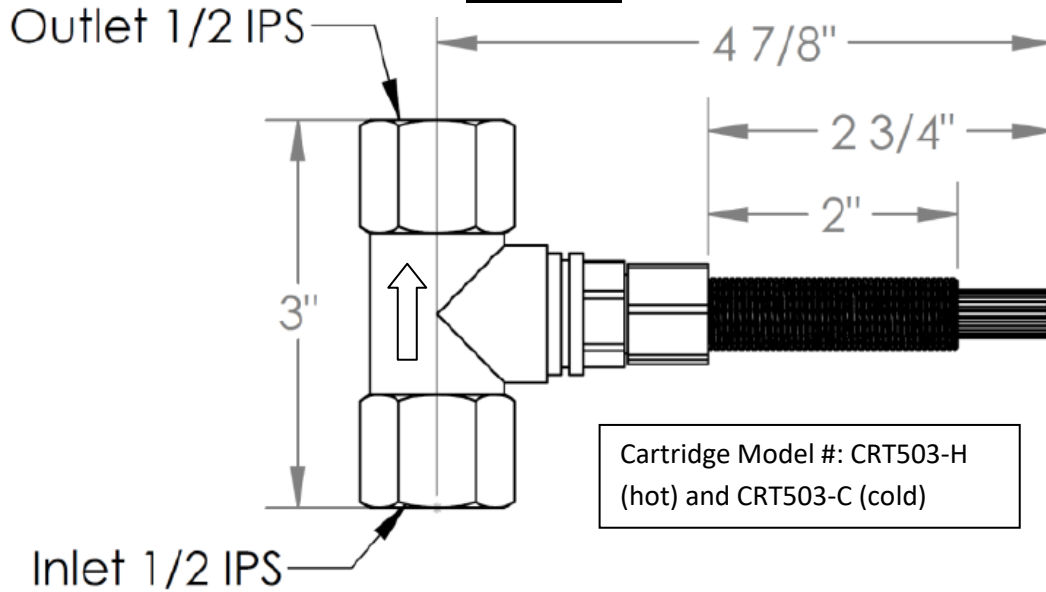
(SERIES \*35, 38)

\*Please see Step 7 of Valve Installation

### SS-SHV1.2



### SS-THV2.2



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