



California Faucets®

VL-R Vessel Rough Valve Installation Instructions

CALIFORNIA FAUCETS RECOMMENDS THAT ALL PLUMBING PRODUCTS BE INSTALLED BY A LICENSED PROFESSIONAL

IMPORTANT: Read all instructions prior to installation and provide copy of instructions to consumer.

Operating Specifications:

Recommended Supply Pressure: 20 to 70 psi*†

* Operating pressures between hot and cold supplies should vary no more than 30 psi.

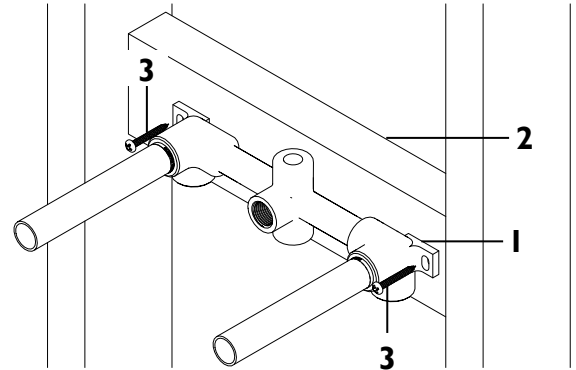
† If water pressure exceeds 70 psi, install a Pressure-Reducing Valve (PRV).

1 INSTALLING VALVE

- Install BRACING (2) (2x4 stud recommended) at desired height and depth

IMPORTANT: Refer to table in page 2 for desired depth depending on trim series dimensions, "A" and "B"

- Secure VALVE (1) to BRACING (2) using SCREW (3) (not supplied)



2 SUPPLY CONNECTIONS

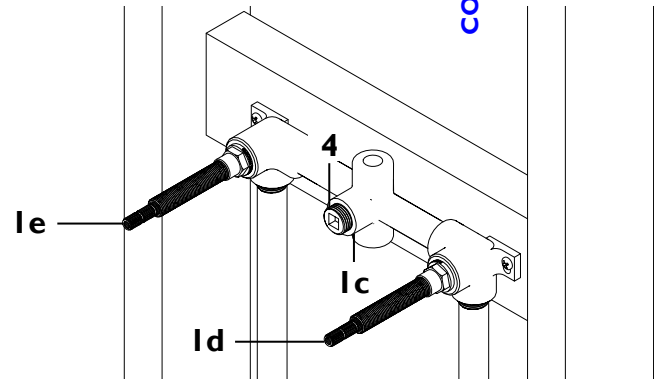
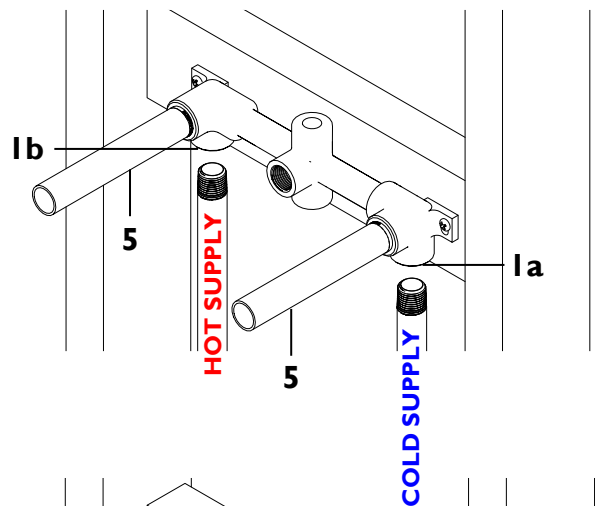
- Connect cold supply to COLD INLET (1a) and connect hot supply to HOT INLET (1b)

NOTE: Use thread sealant (not supplied) on all threaded connections

IMPORTANT: Flush supply lines prior to installation to prevent damage and malfunction of cartridge

WARNING: All soldering of fittings shall be performed a minimum of 4" away from VALVE (1)

- To check for leaks, install 1/2" NPT PLUG (4) (not supplied) into SPOUT OUTLET (1c)
- Turn on water supply valve
- Remove MUDGAURDS (5)
- To "open" valve, turn STEM (1d) counterclockwise (CCW) for cold supply and STEM (1e) clockwise (CW) for hot supply
- Check all connections for leaks
- Give these instructions to consumer for safe keeping



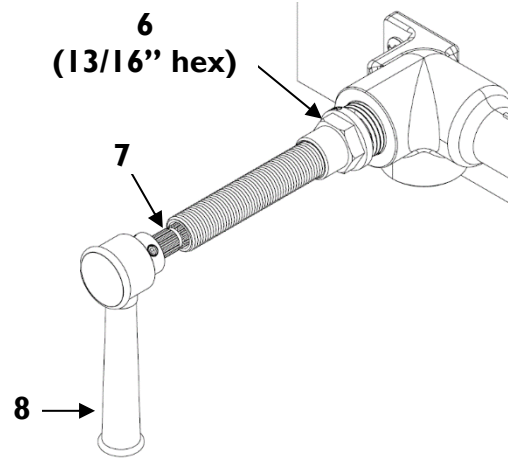
3

RE-ALIGNING CARTRIDGE

IMPORTANT: Shut off water supply before starting.

- Slightly loosen in a CCW direction the cartridge NUT (6). Place HANDLE (8) on STEM (7) and tighten in a CW direction until desired alignment of handle is achieved. Retighten cartridge NUT (6) to factory torque setting of 14 ft-lbs

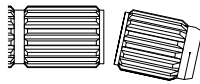
WARNING: Cartridge NUT (6) must be properly torqued to prevent possible failure and/or water damage.



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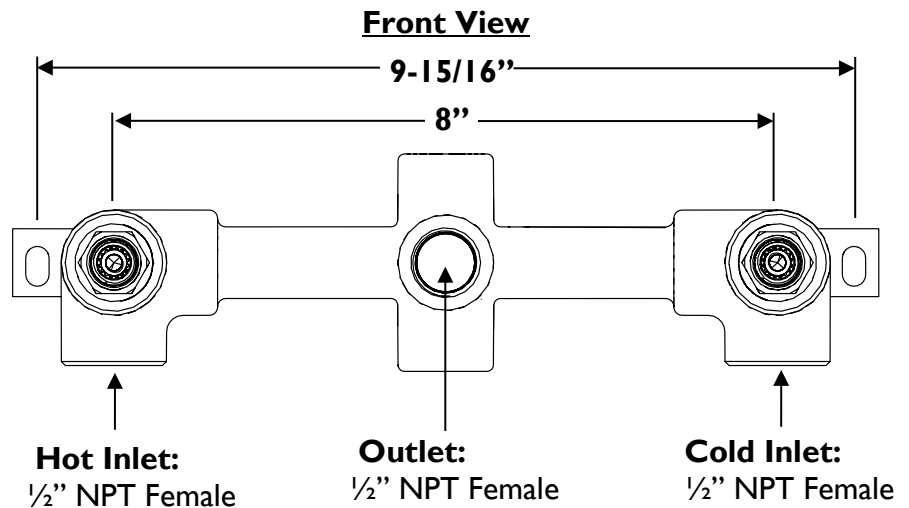
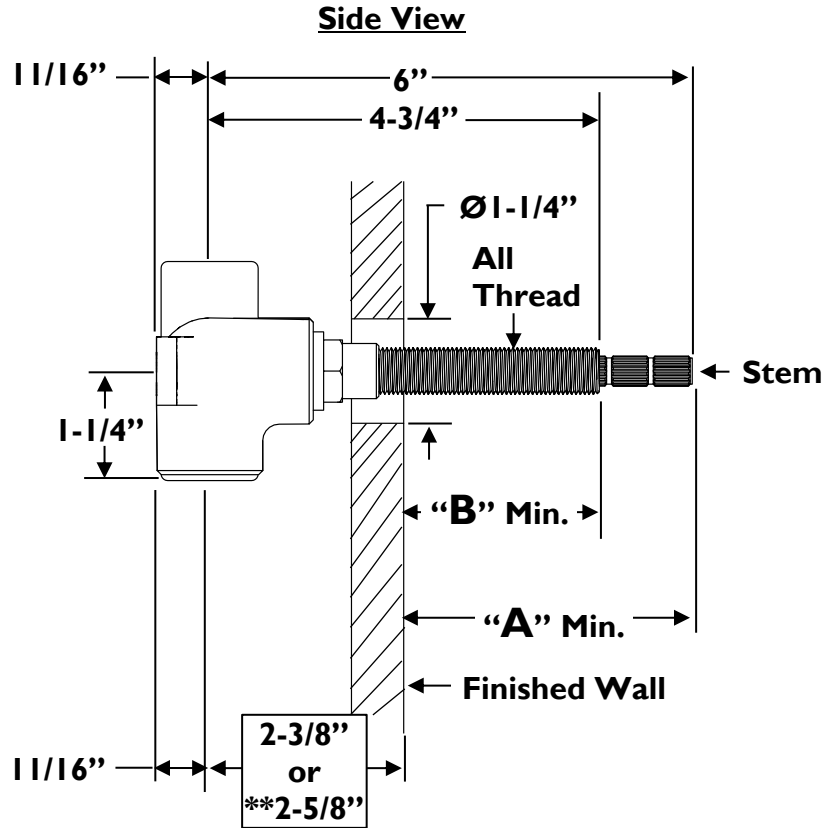
DIMENSIONS

NOTE: When fitting handle it may be necessary to shorten Stem and/or All Thread to eliminate gap between handle & escutcheon.



"A" = Stem overall length for Finished Wall
 "B" = All Thread overall length from Finished Wall

Handle Series #	"A" Minimum	"B" Minimum
30, 30X	1-3/4"	7/8"
33	2-1/2"	1-1/2"
34	2-7/16"	1-1/2"
35	2-1/2"	1-1/2"
**37, 37X	13/16"	5/16"
**38, 38X	13/16"	5/16"
39	1-3/16"	5/16"
45, 45X	2"	1-1/8"
46	2-5/16"	1-1/2"
47	2-5/16"	1-1/2"
48, 48X	2-3/8"	1-5/8"
52	1-3/8"	1-1/8"
53	1-3/8"	1-1/8"
55	2-5/16"	1-5/8"
60	2-1/4"	1-1/2"
61, 61X, 61XD	2-1/4"	1-1/2"
62	1-1/16"	1/4"
64	2-1/2"	1-3/4"
65	1-15/16"	1-1/4"
66	1-15/16"	1-1/4"
**70	1-3/8"	3/4"
**74	3/4"	0"
**77, 77R	1-5/16"	5/8"
**78, 78R	1-5/16"	5/8"
80, 80W	1-9/16"	7/8"
85, 85B, 85W	1-1/2"	3/4"
C1, C1X, C1XS	1-3/8"	5/8"
**C2, C2B	1-3/8"	3/8"
**E3	1-1/4"	1/4"
**E4	13/16"	1/4"
**E5	7/8"	1/4"



****NOTE:** Valve rough must be set back a minimum of 2-5/8" from finished wall surface to center of inlets