



## NOTES:

1. 3/8" BYPASS IN LOCKED CABINETS- USE A QUARTER TURN STOP. ALL PIPING SHALL BE RIGID AND SECURE.
2. 3/8" BYPASS EXPOSED- USE A LOOSE KEY CHROME STOP. ALL PIPING SHALL BE RIGID AND SECURE.
3. VERIFY SPRING BALL/CONE TYPE CHECK VALVES ARE USED ( NOT SWING TYPE).
4. MIXING VALVES ARE TO BE CHROME PLATED IN ALL APPLICATIONS.

## SERIES USG-B=M2

3/8" (10mm) compression and Quick-Connect fitting thermostatic mixing valve maintains and limits hot water to desired selectable temperature between 80°F and 120°F (27°C and 49°C) with flow rates as low as 0.5 gpm (3/8" (10mm) compression fitting thermostatic mixing valves maintain and limit hot water to desired selectable temperature between 80 degrees Fahrenheit and 120 degrees Fahrenheit (27 degrees Celsius and 49 degrees Celsius) with flow rates as low as 0.5 gpm (1.9 lpm) and as high as 2.5 gpm (9.5 lpm). The mixing valve is listed to ASSE Standards 1070 for single fixture applications. The USG-B series uses a double throttling design to control both the hot and cold water supply to the mixed outlet. The superior flow characteristics of this valve provide accurate temperature control ( $\pm 3$  degrees Fahrenheit) with low pressure drop. As an added feature, the USG-B-M1 incorporates dual check valves to protect against cross-flow and integral screens to filter out debris. Insulate all plumbing.

Revisions Date	<b>Office of Facilities Management</b> 	Approved: Director, VA Pittsburgh Healthcare System	Sketch Title	Project Title	Date	<b>Veterans Affairs</b>
		Approved: Chief Operating Officer	3-PORT MIXING VALVE	PLUMBING UPGRADES PROJECT	JAN. 10, 2013	
		Approved: Vice President, Facilities Management			Project No.	
		Approved: Manager, Projects Section			Approved: VISION 4, Safety and Fire Protection Engineer	
		Approved: Site Manager	Location	VA PITHS-PS-1 HEALTHCARE SYSTEM 5132 WILLOW STREET, SUITE 100 PITTSBURGH, PA 15204	SK 4	Dwg. 1 of 1