

### Product Information

Applicable product:	
3/4" thermostatic mixer - less volume control	K-669-KS
1/2" thermostatic mixer - less volume control	K-679-KS
Required accessory:	
3/4" volume control valve - for use on bath and shower outlets	K-671-K
1/2" volume control valve - for use on bath and shower outlets	K-681-K

### Installation Notes

Install this product according to the installation guide.

The K-669-KS and K-679-KS thermostatic mixer valves require a separate volume control valve, K-671-K or K-681-K, for each bath and/or shower outlet.

For bath-only or shower-only installations, an NPT plug must be installed in any unused outlet.

The lower port of the thermostatic mixer is intended for use with a bath spout only. If a bath spout is not used with this product, the lower port must be plugged.

For installations with a diverter spout, a twin ell, K-9663, is required between the valve and the spout. It is acceptable for the supply to the K-9663 twin ell to run from the top or bottom port through the volume control valve if the remaining unused port is plugged.

**NOTE:** Stops are integral to the assembly.

