



PLEASE READ THIS INSTALLATION INSTRUCTION BEFORE YOU START.

The BV231 or the BV216 they are a high back flow prevent are not an atmospheric vacuum breaker. they're intended to be used only for faucets with hand held shower shower that are installed on bathtub rim or marble/tile desk mount. The body, spline, sleeve are made from brass the stem is from engineered carbon fiber

INSTALLATION INSTRUCTION

The piping connection can be done with: 1- S.S. braided hoses, 2- soldered fitting plastic pipe with related fitting. NOTE be extremely careful when applying heat for soldering DO NOT over heat the body it may damage the plastic cartridge, When soldering kip the flame away from the body and when the soldering is complete we advise to cool the body with a wet cloth

INSTALLATION INSTRUCTION

Before drilling the holes decide where it will be the best and suitable location to assemble all the faucet components also make sure when drilling for all the valve components that do not interfere with other existing or future work such as wiring, carpentry framing or electrical junction box's

SERVICING AND MAINTENANCE

The valve is serviceable from the top.

How to replace the stem o-ring or the parabolic o-ring

- 1- Remove all the trim's,
- 2- Remove the spline with the threaded sleeve
- 3- Unscrew the center trim nut
- 4- Remove the white ditent stop washer
- 5- To remove the cartridge from the body we recommend you to re-installed the spline and the handle than slowly kip turned the cartridge and pooling till the cartridge come out.
- 6- NOTE: never use pliers to remove the cartridge it will damaged the 20 tooth spline
- 7- Wen reinstalling the cartridge follow the same steps back word, and use ONLY silicone or food grade grease never use Vaseline grease or benzin by product
- 8- NOTE: the sleeve should only be hand tight, do not over tight
- 9- In the outside of the body is a o-ring, the porpouse is to guide the hob nut not to be screwed to dip

TROBLE SHOOTING:

- Q- Water migrate from port to port
- A- parabolic o-ring may be damaged need to be replaced
- Q- Water is coming out from top trim nut
- A- Replace all 3 stem o-ring
- Q- When turning it is a snagging filling
- A- This happen when using the valve for the first time reason, the outlet ports been very large they will leave an impression in the rubber parabolic -ring but after a coupled of turning the snagging filling will disappear



NOTE: when soldering do not over heat the bras body it may ruined the internal plastic or rubber o-ring also only use silicone grease

PATENT PENDING

