Features:
- Rugged thermoplastic construction ideal for corrosive atmospheres.
- Long cycle life – extensively tested and proven.
- Lightweight assembly – less piping stress and lower shipping weight.
- Pre-assembled to 3-way ball valve.
- Can be hydraulically actuated.
- Manual override standard on air x air models and TABVS.

Installation:
Air x Air models require a 4-way air solenoid valve (Part # 8345G1); Air x Spring models require a 3-way air solenoid valve (Part # 8320G13) to control actuation. Compressed air should be filtered and lubricated.

Manual Override:
All 3-way Air x Air models have direct override to the ball valve shaft. Series TABVS (Air x Spring 1/2", 3/4", and 1") requires simple loosening of the spring prior to manual override. Series TABRS (Air x Spring 11/2" and 2") should be specified as TABMS if manual override is critical to the application.

Materials of Construction:
Ball valves are available in Geon PVC and Corzan CPVC, with teflon seats. A 3-hole ball design is standard and prevents a momentary no-flow (“dead head”) condition by briefly allowing flow from two ports. If liquids cannot be mixed, please consult factory for 3-way air actuated isolation valve. Seals are available in EPDM or Viton. For complete specifications on the 3-way ball element, please refer to Series TMBV.

Actuator is constructed of corrosion resistant thermoplastics. Seals are Buna-N. For optional materials, please consult factory.

** For spring return simply change TABVA to TABVS or TABRA to TABRS and refer to “H” dimension. Manual override is standard on all but TABRS.

For optional manual override on 11/2” and 2” Air x Spring, change “R” to “M”. **NOTES:** TO COMPLETE THE MODEL NUMBER: 1) Add “V” for Viton seal or “EP” for EPDM seals 2) Followed by “T” for NPT threads or “S” for Schedule 80 Socket. 3) Followed by “PV” for PVC or “CP” for CPVC ball valve material.

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Dimensions Table Below Applies To All TAB- Series Except As Shown At Right