



GUIDE SPECIFICATIONS – STVL / STV / STVA / STVC BALANCING VALVES

TYPICAL SPECIFICATION

All balancing valves shall be of one manufacturer.

Furnish and install, as shown on job plans and in accordance with manufacturers installation instructions, Macon Balancing Valves, Series STVL/STV/STVA/STVC. Valves are to be of “Y” pattern globe style design and perform the following functions: a) Flow balancing, b) Flow measurement, c) Positive shut-off.

All balancing valves must have a minimum ten (10) turn, 360° handwheel with digital and vernier scale readout for precise setting. Balancing handwheel must include a memory stop and locking feature to prevent tampering after pre-setting.

All balancing valves shall have self-sealing ports for measurement of differential pressure and fluid temperature using standard pressure and temperature test probes. Test ports shall be located at a 45° offsetting angle and be removable for implementation of optional drain kits where required.

All balancing valves in sizes 1/2” (DN 15) through 2” (DN 50) shall be made of dezincification resistant brass and have either sweat or NPT thread connections. Valve body sizes 2 1/2” (DN 65) through 12” (DN 300) shall be made of cast iron and flanged to 125 lb standard.

All balancing valves shall be manufactured by the company complying with international quality standard ISO 9001.