

GUIDE SPECIFICATIONS

Combination Balancing Shut Off and Metering Valve

Balancing valve shall be a venturi style manual valve with forged brass body, 100% positive shut off, full port plated ball, union end, permanently mounted low loss venturi section, flow calibration independently tested for $\pm 3\%$ of actual flow, teflon seats, double O-ring shaft seals, pressure / temperature read out ports, adjustable memory stop with position indicator.

Rated 600 PSIG / 4140 kPa. @ 250°F / 120c. As part of the submittal, test data from an independent flow laboratory will be provided confirming the accuracy of each size valve supplied to be $\pm 3\%$ of rate.

The test shall be certified in place against a primary standard, certified and traceable to the National Institute of Standards and Technology (NIST). The test shall be witnessed and the accuracy confirmed by the venturi design engineer.

The valve shall be a FLO-PAC MODEL MB or equal.