

## **230923S65- STEAM PRESSURE REDUCING VALVE (PRV)**

Provide a high/low flow circuit to reduce high-pressure steam in a facility with an extreme seasonal or daily load variance. This circuit should consist of two parallel pressure reducing valve's. Size one pressure reducing valve for the nominal low flow and the other for nominal high flow requirement. (i.e. low 0 - 25%, high 20 - 75%) The high flow pressure reducing valve should be set at a lesser pressure than the low flow pressure reducing valve. This type of control may cause a larger than normal control point offset. If the equipment in the facility requires a smaller control point offset, use PRV with positive feedback.

This piping arrangement will prevent valve maintenance problems due to a full-sized pressure reducing valve operating at very low loads and hunting problems experienced when using series PRV circuits.