

Flow Reduction Chart

ENERGY VALVE / ELECTRONIC PRESSURE INDEPENDENT VALVE (EV4/EPIV4) FLOW REDUCTION CHART

SIZE							
Inches	DN/Millimeters	8 psi	5 psi *	4 psi	3 psi	2 psi	1 psi
½"	15	6.6 GPM	6.6 GPM	6.6 GPM	6.4 GPM	5.1 GPM	3.6 GPM
¾"	20	11 GPM	11 GPM	11 GPM	10.6 GPM	8.7 GPM	6.1 GPM
1"	25	18.2 GPM	18.2 GPM	18.2 GPM	17.5 GPM	14.3 GPM	10.1 GPM
1¼"	32	28.5 GPM	28.5 GPM	28.5 GPM	28.2 GPM	23 GPM	16.3 GPM
1½"	40	44 GPM	44 GPM	44 GPM	38.4 GPM	31.3 GPM	22.1 GPM
2"	50	100 GPM**	66 GPM	66 GPM	60.1 GPM	49.7 GPM	35.2 GPM
2½"	65	132 GPM	132 GPM	121 GPM	105 GPM	85 GPM	60 GPM
3"	80	185 GPM	185 GPM	167 GPM	145 GPM	118 GPM	84 GPM
4"	100	330 GPM	330 GPM	330 GPM	286 GPM	233 GPM	165 GPM
5"	125	528 GPM	528 GPM	539 GPM	466 GPM	381 GPM	269 GPM
6"	150	793 GPM	793 GPM	734 GPM	636 GPM	519 GPM	367 GPM

*Select valve based on a minimum of 5 PSI differential.

**Applies to 2" EP200H EPIV model only.

ENERGY VALVE / ELECTRONIC PRESSURE INDEPENDENT VALVE (EV3/EPIV3) FLOW REDUCTION CHART

SIZE							
Inches	DN/Millimeters	8 psi	5 psi *	4 psi	3 psi	2 psi	1 psi
2½"	65	127 GPM	127 GPM	93 GPM	81 GPM	66 GPM	47 GPM
3"	80	180 GPM	180 GPM	138 GPM	120 GPM	97 GPM	69 GPM
4"	100	317 GPM	317 GPM	235 GPM	203 GPM	166 GPM	117 GPM
5"	125	495 GPM	495 GPM	367 GPM	318 GPM	260 GPM	183 GPM
6"	150	713 GPM	713 GPM	550 GPM	476 GPM	389 GPM	275 GPM

*Select valve based on a minimum of 5 PSI differential.

Note: This chart applies only to EV3 and EPIV3 flanged only. Refer to the chart above for the EPIV4 flanged valve values.