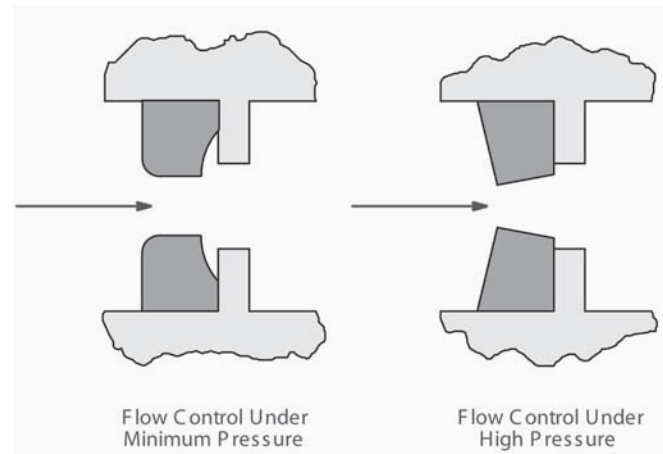




# Dole Flow Control Valve

## Dole Flow Control Valve

The Dole® Flow Regulator is self-cleaning and designed to deliver a constant volume of water flow over a wide pressure drop range. The controlling mechanism is a flexible orifice that varies its effective area inversely with applied pressure so that a constant flow rate is maintained. See Figure 1. Flow rates will be maintained to within  $\pm 15\%$  between 15 and 125 psi (1.03 to 8.62 bar). The flow rate varies due to manufacturing tolerances and water temperatures. Valves are chrome or nickle-plated brass with Buna-N orifice. Maximum pressure is 200 psi (13.8 bar). Maximum temperature is 160°F (71°C)



Constant Flow Maintained with Dole Flow Control Valves.

## Installation

All Dole valves are marked with an arrow indicating direction of flow. To insure proper operation, always install valves with the arrow pointed downstream. Installations of Dole valves for flow rates < 1 gpm (2.8 Lpm) should include a strainer of 5/64-in. (2 mm) mesh or smaller to prevent plugging.

## Specifications

GE Betz Part Number	Model	Flow,		Inlet Connection, in.	Physical Dimensions, in. (cm)	
		gpm	(Lpm)		Height	Length
1407096	1/2 GA	0.5	(1.9)	3/8 FNPT	7/8 (2.2)	1 3/4 (4.4)
1407097	1 GA	1.0	(3.8)	3/8 FNPT	7/8 (2.2)	1 3/4 (4.4)
1407098	2 GB	2.0	(7.7)	1/2 FNPT	1 (2.5)	1 15/16 (4.9)
1407099	3 GB	3.0	(11.4)	1/2 FNPT	1 (2.5)	1 15/16 (4.9)
1408031	5 GC	5.0	(19.0)	3/4 FNPT	1 1/4 (3.2)	2 9/32 (5.8)
2031644	5 GX	5.0	(19.0)	1 FNPT	1 1/2 (3.8)	2 3/4 (7.0)
2031206	8 GX	8.0	(30.3)	1 FNPT	1 1/2 (3.8)	2 3/4 (7.0)
1497381	10 GX	10.0	(38.0)	1 FNPT	1 1/2 (3.8)	2 3/4 (7.0)
2031643	12 GX	12.0	(45.4)	1 FNPT	1 1/2 (3.8)	2 3/4 (7.0)