

DOLE FLOW CONTROLS

Self Cleaning

- Delivers a constant volume of water flow output over a wide pressure drop range
- Flexible orifice varies effective area inversely to the applied pressure
- At pressures below threshold point, flexible insert acts as a fixed orifice
- Above threshold point, insert begins to reduce orifice area maintaining desired flow output
- Flow rates maintained to within $\pm 15\%$ up to pressure drops of 125 psi
- Flow rate varies due to tolerances and water temperatures
- Used, where possible, in flow regulators with flow rates between 1 US GPM and 4 US GPM



Nickel Plate Brass Housing

To order add Flow Rate to Part No. eg. FCGA-.35

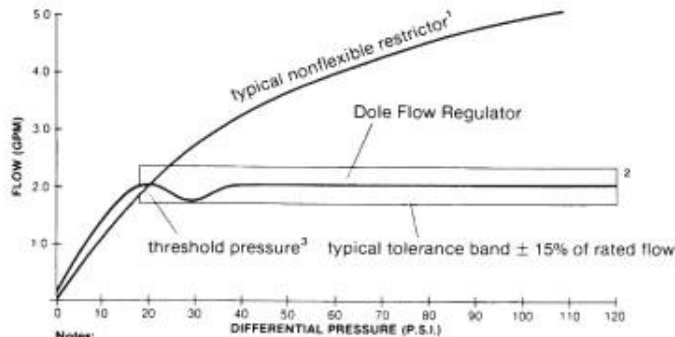
PART NO. _____	CONNECTION	HEX SIZE	LENGTH	AVAILABLE FLOW RATES	LIST PRICE-A
FCGA-_____	3/8 X 3/8 FPT	7/8"	1 3/4"	.125, .1875, .25, .35, .5, .75, 1	38.29
FCGB-_____	1/2 X 1/2 FPT	1"	2"	1, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6	39.71
FCGC-_____	3/4 X 3/4 FPT	1-1/4"	2-1/4"	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 6, 7, 8, 9, 10, 11.5	49.36
FCGY-_____	3/4 M X 3/4 F	1-1/4"	1-1/2"	1, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6, 7, 8, 9, 10	56.42
FCGX-_____	1 X 1 FPT	1-1/2"	2-3/4"	1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10, 12, 13.5, 15, 20, 25, 30	95.22

Zinc Plated Steel Housing

To order add flow Rate to Part No. eg. FCGH-30

PART NO. _____	CONNECTION	DIAMETER	LENGTH	AVAILABLE FLOW RATES	LIST PRICE-A
FCGP-_____	1-1/4 X 1-1/4 MPT	1-5/8"	3"	1, 1.5, 2, 2.5, 3, 3.5, 4, 5, 7, 8, 9, 10, 12, 13.5, 15, 20, 25, 30	120.33
FCGT-_____	1-1/2 X 1-1/2 MPT	1-13/16"	3"	1, 1.5, 2, 2.5, 3, 3.5, 4, 5, 6, 7, 8, 9, 10, 12, 13.5, 15, 20, 25, 30	133.17
FCGF-_____	2 X 2 MPT	2-3/8"	3"	10, 11.5, 12, 13.5, 15, 20, 25, 30	236.06
FCGH-_____	2-1/2 X 2-1/2 MPT	2-7/8"	4"	30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90	503.38
FCGK-_____	3 X 3 MPT	3-1/2"	4"	30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120	543.95

Flow Characteristics:



Notes:
 (1) Calculated flow through 1/8" diameter orifice.
 (2) Typical flow curve of Dole® 2 GPM Flow Regulator.
 (3) Threshold pressure will vary with flow rating.

Operating Principle:

