

## FLO-TROL® MODEL CD900 CONSTANT FLOW CONTROL VALVES

Flo-Trol® automatic flow control valves are **designed to give constant flow over wide pressure ranges**. The valve design has no moving parts; rather a self-cleaning flexible orifice that varies in size with applied pressure so that a constant flow rate is maintained. Flow rates are maintained to within  $\pm 15\%$  between 15 and 125 psi (1 to 8.6 bar).

### NON CORROSIVE

The all Stainless Steel body allows this valve to resist corrosion for a longer service life

### SELF CLEANING

The valve design has no moving parts; rather a self-cleaning flexible orifice (Buna-N) that varies in size with applied pressure so that a constant flow rate is maintained

- Booster Pump Systems and Domestic Water Systems
- NSF/ANSI 61 & 372 Certified - Unleaded Lead Free
- Stainless Steel Construction (not chrome or Nickel-plated brass)
- Laser engraved with size, flow rates, and an arrow indicating the direction of flow. Packaged in clear plastic bags with color-coded labels for easy identification and coded date

### FLO-TROL® APPLICATIONS

- Flow Regulator Applications
- Water Well Pumps
- Ground Water Heat Pumps
- Fan Coils
- Water Softeners
- Drinking Fountains
- Water Filters
- Irrigation systems
- Cooling Towers
- Water Purifiers
- Eye Washes
- Fire Sprinkler Systems
- Filling Equipment
- Dispensing Machines
- Tank-Less Heaters
- UV Filters

LEAD FREE  
NSF/ANSI 61





# FLOMATIC® VALVES

High Quality Valves Built To Last...



## FLO-TROL® AVAILABLE MODELS



### Model CDA 3/8"

**Configuration:** 3/8" F X 3/8" F  
**Material:** All Stainless Steel

**GPM'S:** 0.19, 0.25, 0.5, 0.75, 1

Dole® Cross Reference - GA



### Model CDB 1/2"

**Configuration:** 1/2" F X 1/2" F  
**Material:** All Stainless Steel

**GPM'S:** 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 6

Dole® Cross Reference - GB



### Model CDC 3/4"

**Configuration:** 3/4" F X 3/4" F  
**Material:** All Stainless Steel

**GPM'S:** 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 6, 7, 8, 9, 10, 11.5

Dole® Cross Reference - Model GC



### Model CDY 3/4"

**Configuration:** 3/4" M X 3/4" F  
**Material:** All Stainless Steel

**GPM'S:** 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 6, 7, 8, 9, 10, 11.5

Dole® Cross Reference - Model GY



### Model CDX 1"

**Configuration:** 1" F X 1" F  
**Material:** All Stainless Steel

**GPM'S:** 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 6, 7, 8, 9, 10, 12, 15, 17, 20, 25, 30

Dole® Cross Reference - Model GX



### Model CDP 1 1/4"

**Configuration:** 1 1/4" M X 1 1/4" M  
**Material:** All Stainless Steel

**GPM'S:** 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5, 6, 7, 8, 9, 10, 12, 15, 17, 20, 25, 30

Dole® Cross Reference - Model GP



### Model CDT 1 1/2"

**Configuration:** 1 1/2" M X 1 1/2" M  
**Material:** All Stainless Steel

**GPM'S:** 9, 10, 12, 15, 17, 20, 25, 30

Dole® Cross Reference - Model GT



### Model CDF 2"

**Configuration:** 2" M X 2" M  
**Material:** All Stainless Steel

**GPM'S:** 9, 10, 12, 15, 17, 20, 25, 30

Dole® Cross Reference - Model GF



### Model CDH 2 1/2"

**Configuration:** 2 1/2" M X 2 1/2" M  
**Material:** All Stainless Steel

**GPM'S:** 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90

Dole® Cross Reference - Model GH



### Model CDK 3"

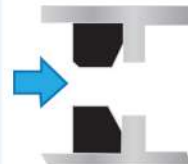
**Configuration:** 3" M X 3" M  
**Material:** All Stainless Steel

**GPM'S:** 30, 35, 40, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120

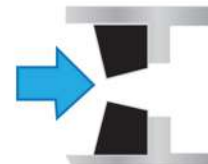
Dole® Cross Reference - Model GK

## MODEL CD900 SPECIFICATIONS

### FLO-TROL® OPERATION



Flo-Trol® Under Low Pressure



Flo-Trol® Under High Pressure

**DATA** (See chart: Max Differential Pressure 125 PSI)



PRESSURE MAX - 200 PSI



TEMP MAX - 180°F



SIZES - 3/8" - 3"



FLOW RANGES - 0.19 thru 120 GPM

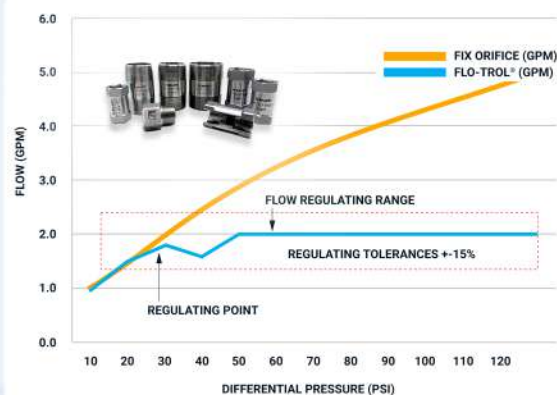
## MATERIALS

**VALVE BODY:** 304 Stainless Steel

**VALVE ORIFICE:** Buna-N Rubber NSF/ANSI 61 Certified

**RETAINING RING:** Celcon M90

## FLO-TROL® REGULATION (Typical Flow Curve)



NOTE: "Dole" is a registered trademark of Siebe, Inc. of Foxboro, Massachusetts.



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