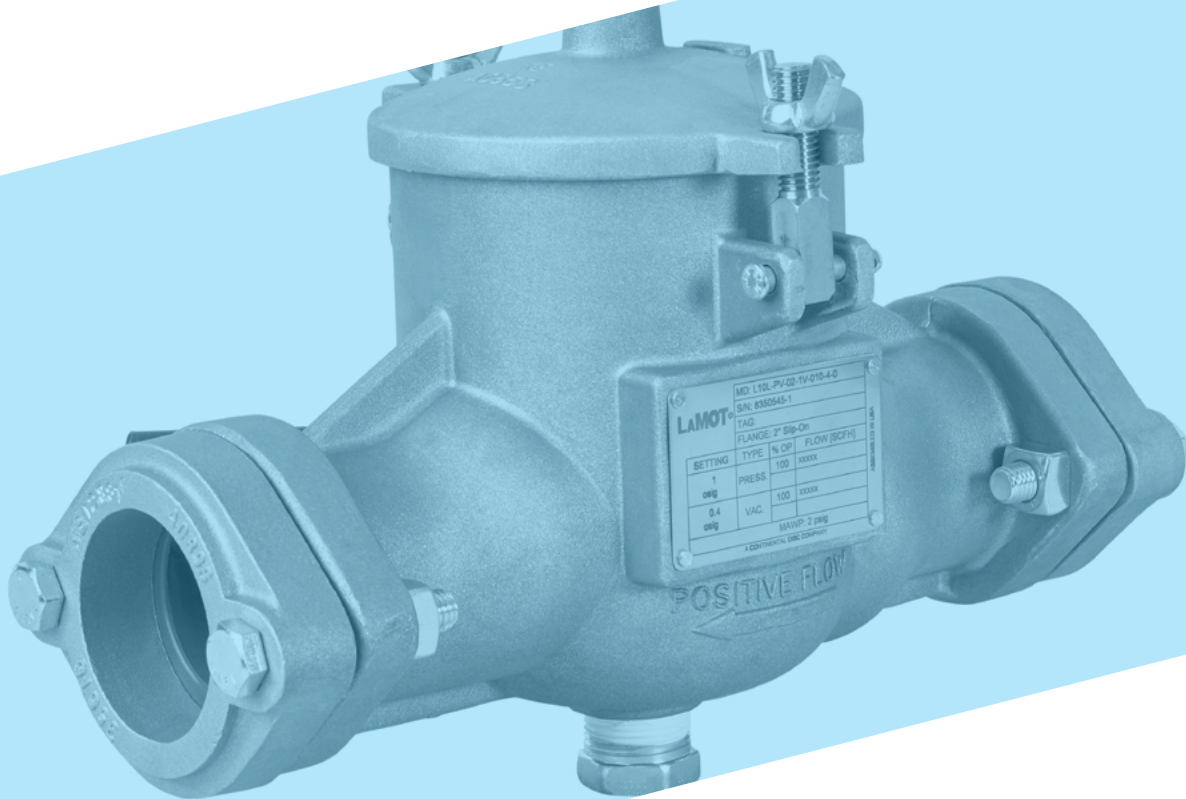


# LAMOT<sup>®</sup>

## VALVE & ARRESTOR

### VENT VALVE

MODEL L10L



# KIMRAY<sup>®</sup>

INC.

# MODEL L10L

The LaMot Valve & Arrestor Model L10L was designed utilizing cutting edge CFD software to provide maximum flow rates while keeping costs low for our customers. Tight tolerances and precision machining provide superior sealing performance and industry leading flow rates. The model L10E utilizes common industry materials and is the standard for ease of installation and maintenance.

## Technical Details

- Connection Sizes: 2" (50mm), 3" (75mm) and 4" (100mm)
- Available Pressure Settings: 1 to 16 osig (in 1.0 osig Increments)
- Available Vacuum Settings: 0.4 osig (for pressure/vacuum configuration)  
None (for pressure only configuration)
- Valve Configuration: Pressure / Vacuum, Pressure Only
- Casting: Aluminum
- Diaphragm Materials: Black Buna-N, Blue FKM
- Flange Gasket: Black Buna-N, Blue FKM
- Weight: Zinc-Plated Steel or Stainless Steel

## Features

### Superior Sealing Performance

- Precision machining and manufacturing to accomplish superior sealing
- Ultra-tight sealing reduces product leakage and fugitive emissions
- Leak Rate of no more than 1 SCFH of air at 90% of set pressure
- Achieve various pressure setting by adding calibrated weights

### Industry Leading Flow Rates

- Higher flow capacity to protect from excessive pressure and/or vacuum build up
- Extensive research, development and testing to accomplish industry leading flow rates

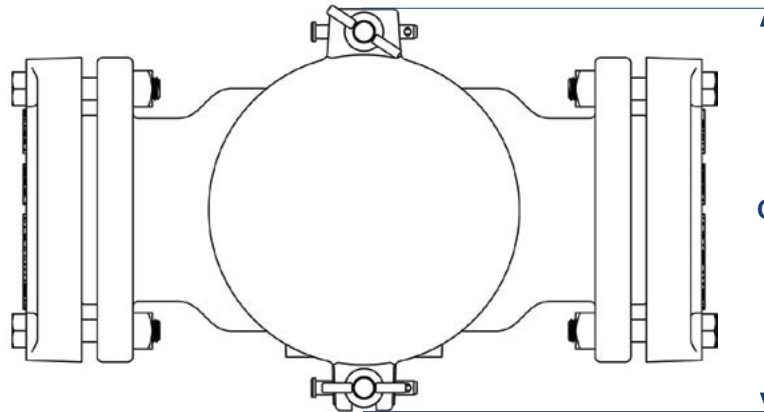
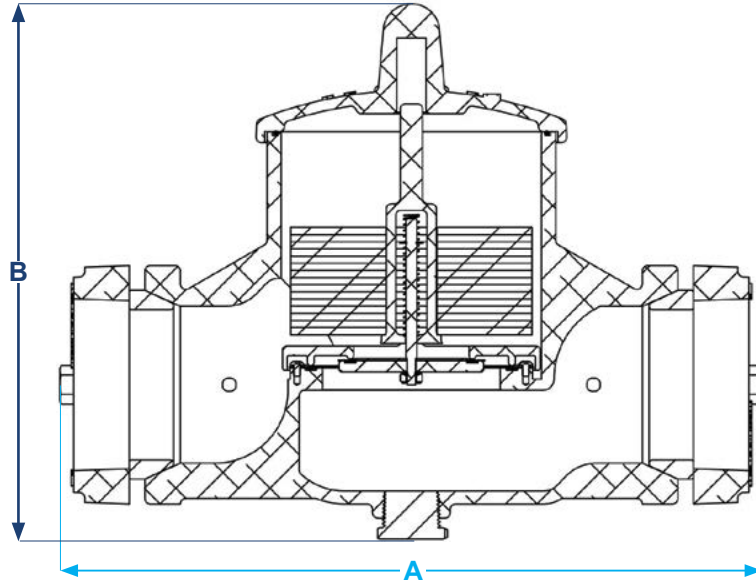
### Direct Replacement & Easy Maintenance

- Direct replacement for any standard in-line vent valve
- Designed for easy maintenance, thus reducing downtime and lowering operational costs
- Standard product includes SLIC Pins™
- Buna and FKM soft goods available to meet your chemical compatibility needs

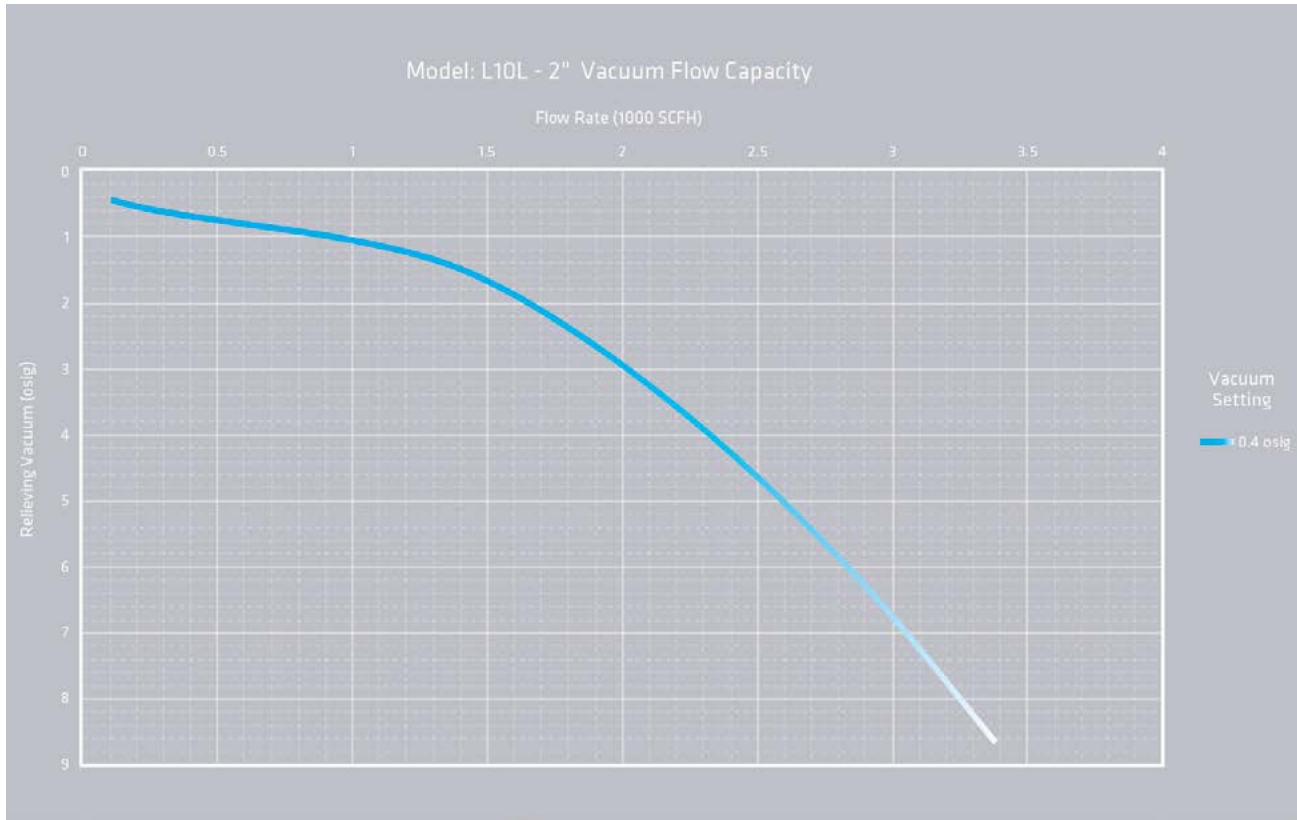


# SPECIFICATIONS

Connection Size Inches (mm)	A Width Inches (mm)	B Height Inches (mm)	C Depth Inches (mm)
2 (50)	14.84 (377)	10.03 (255)	8.13 (206)
3 (75)	15.83 (402)	12.06 (306)	9.06 (230)
4 (100)	18.41 (468)	12.99 (330)	9.85 (255)

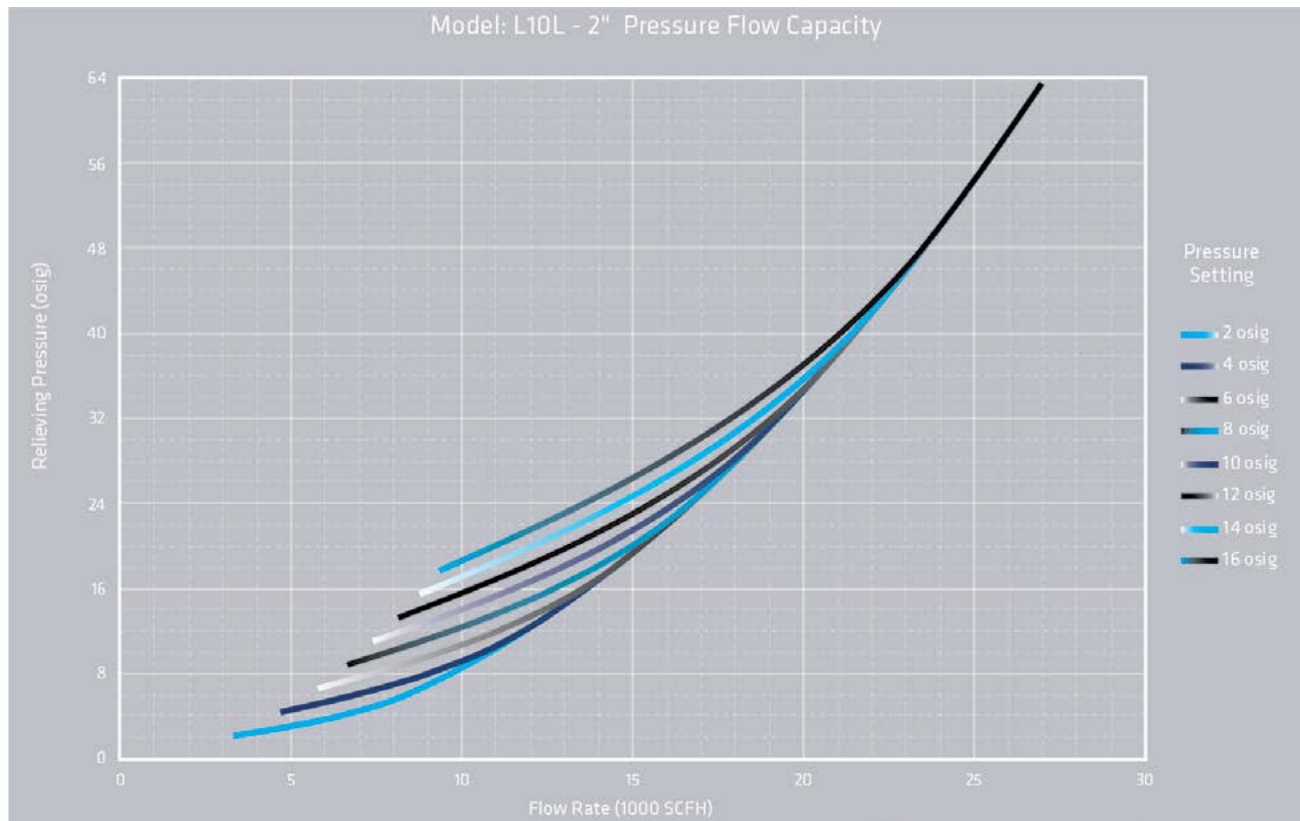
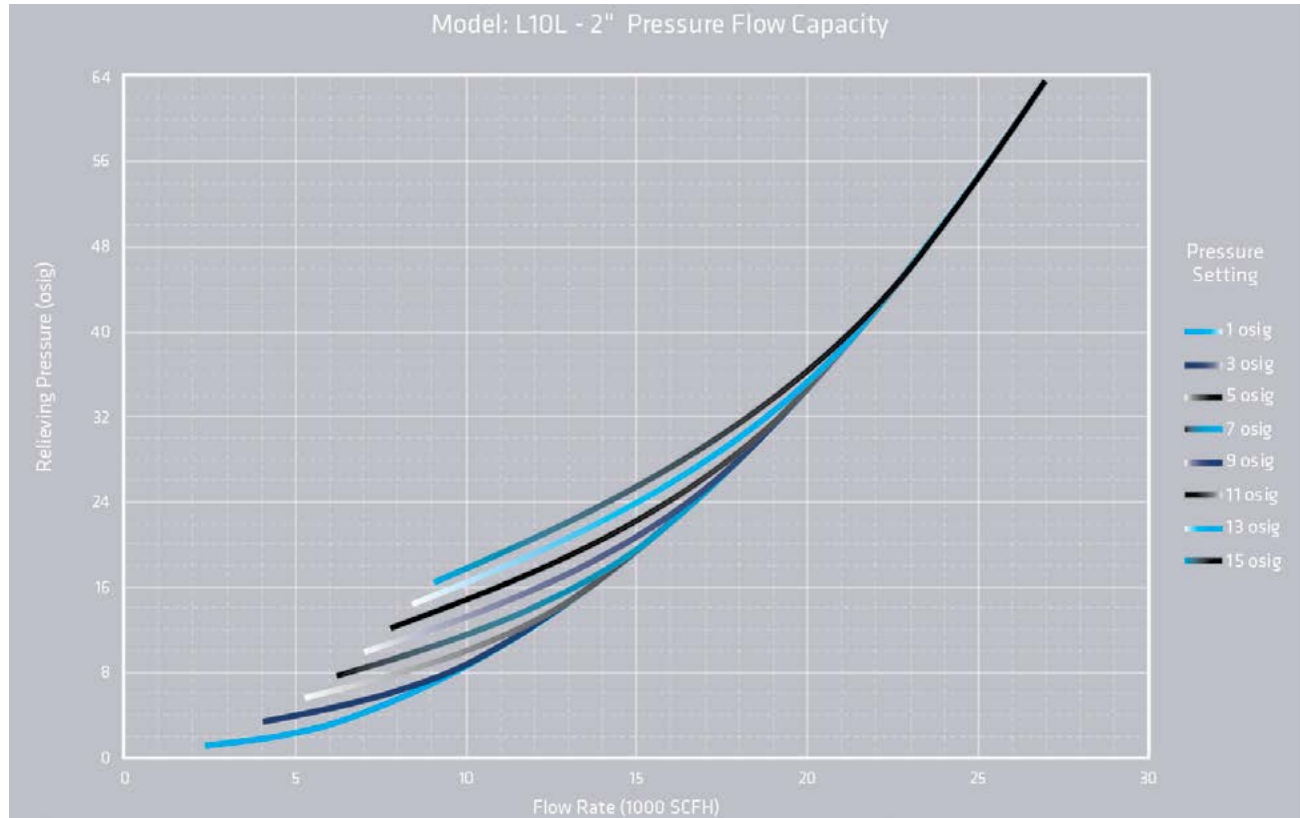


# FLOW CAPACITY



The test equipment, procedures, and reporting methods meet the requirements of standards API 2000/ISO 28300 and ISO 16852.  
The equipment, procedures, and methods have been reviewed and certified by TÜV SÜD.  
Flow data are for tank mounting or end of line and includes entrance loss, exit loss and internal losses.  
Flow values based on air at 60°F venting from atmospheric pressure of 14.6959 psia.

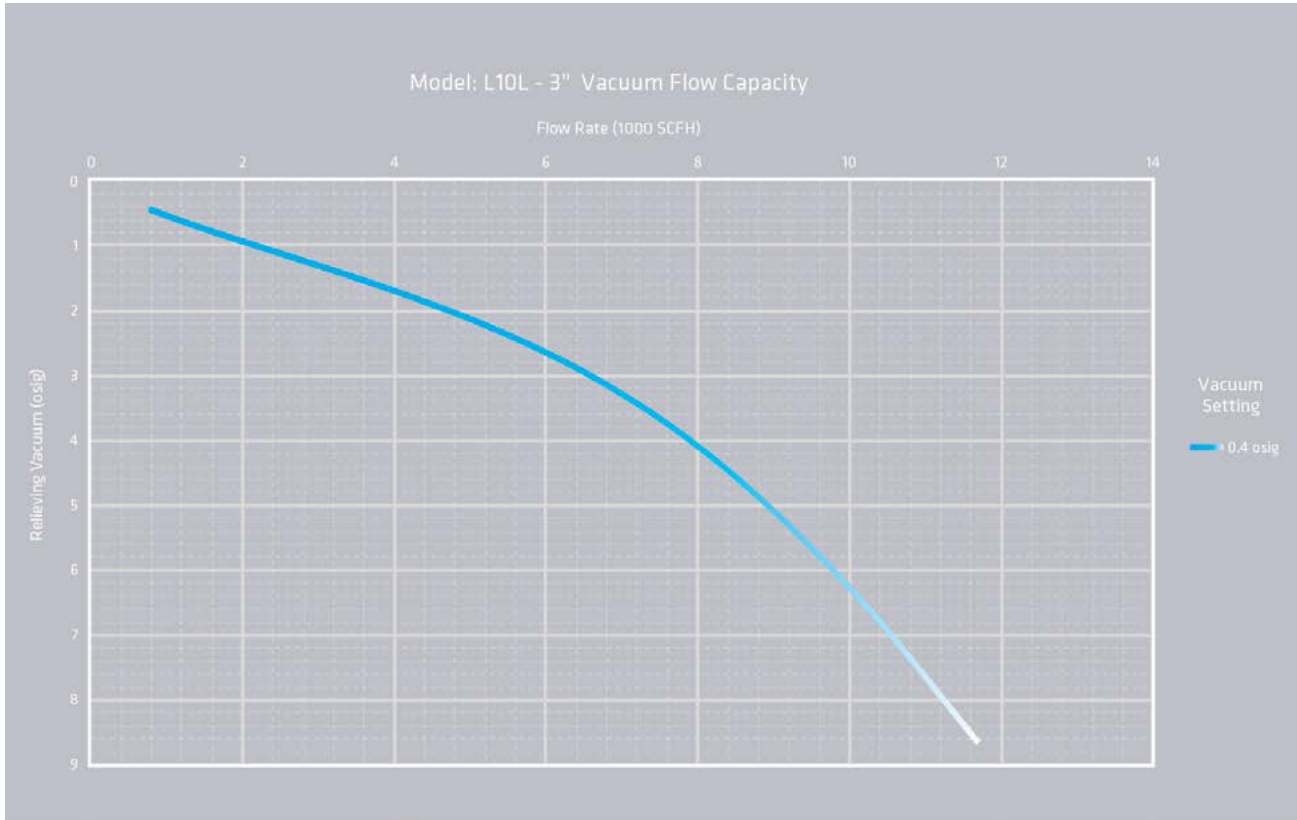
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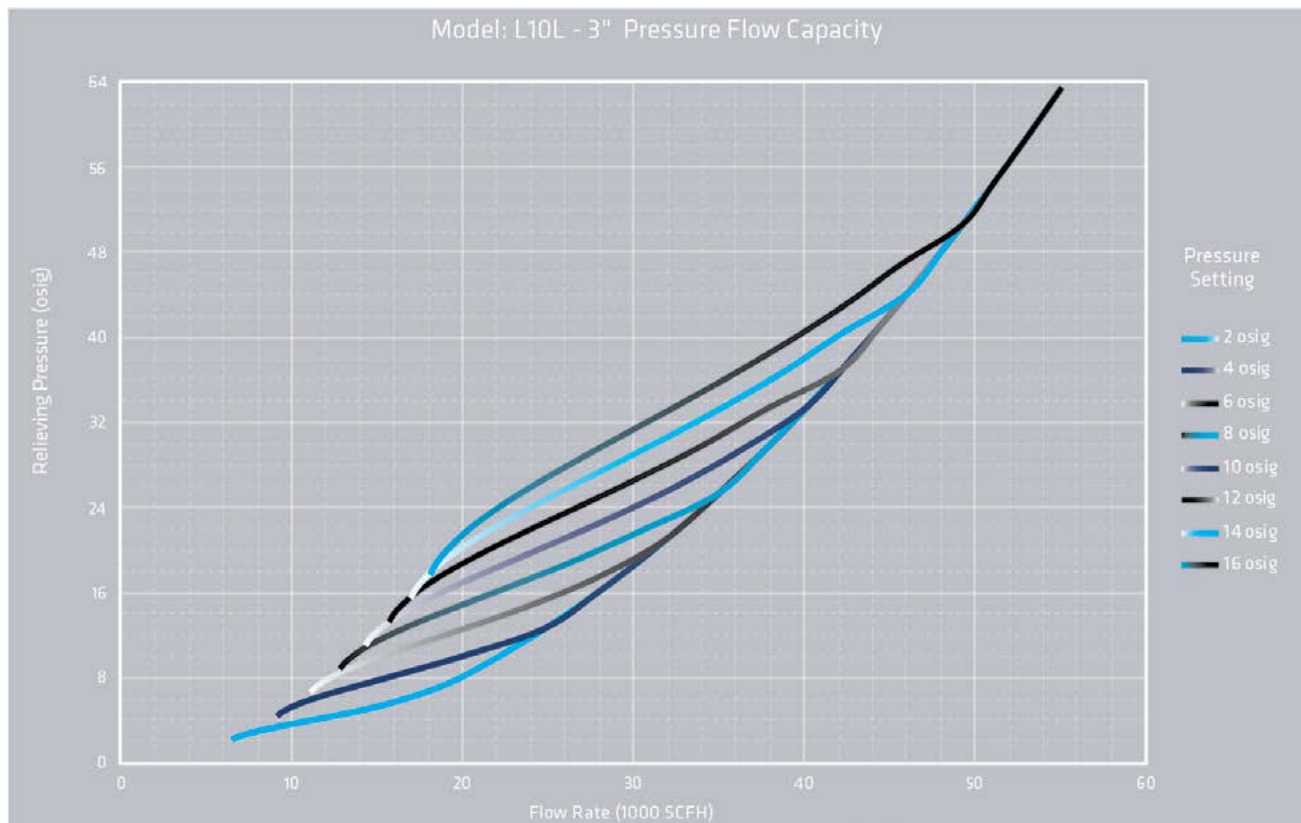
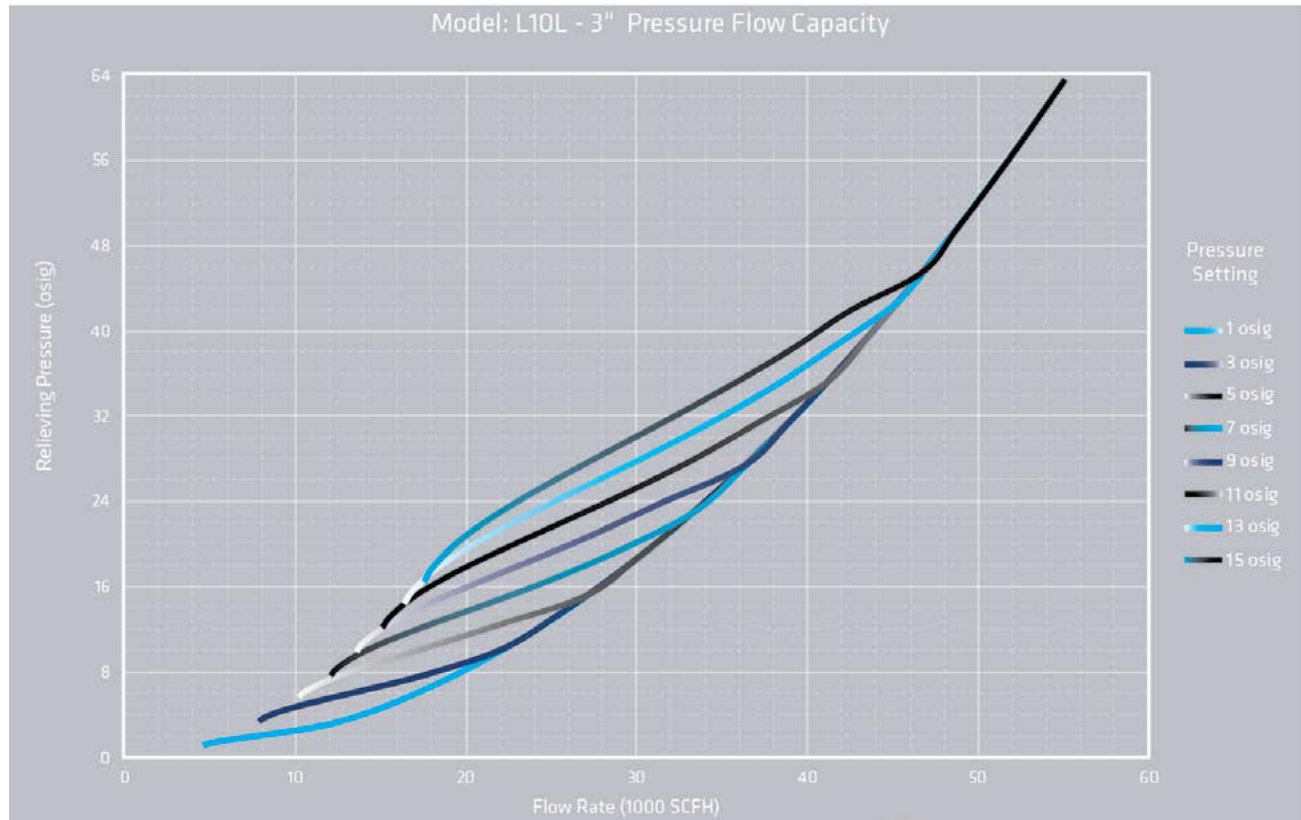


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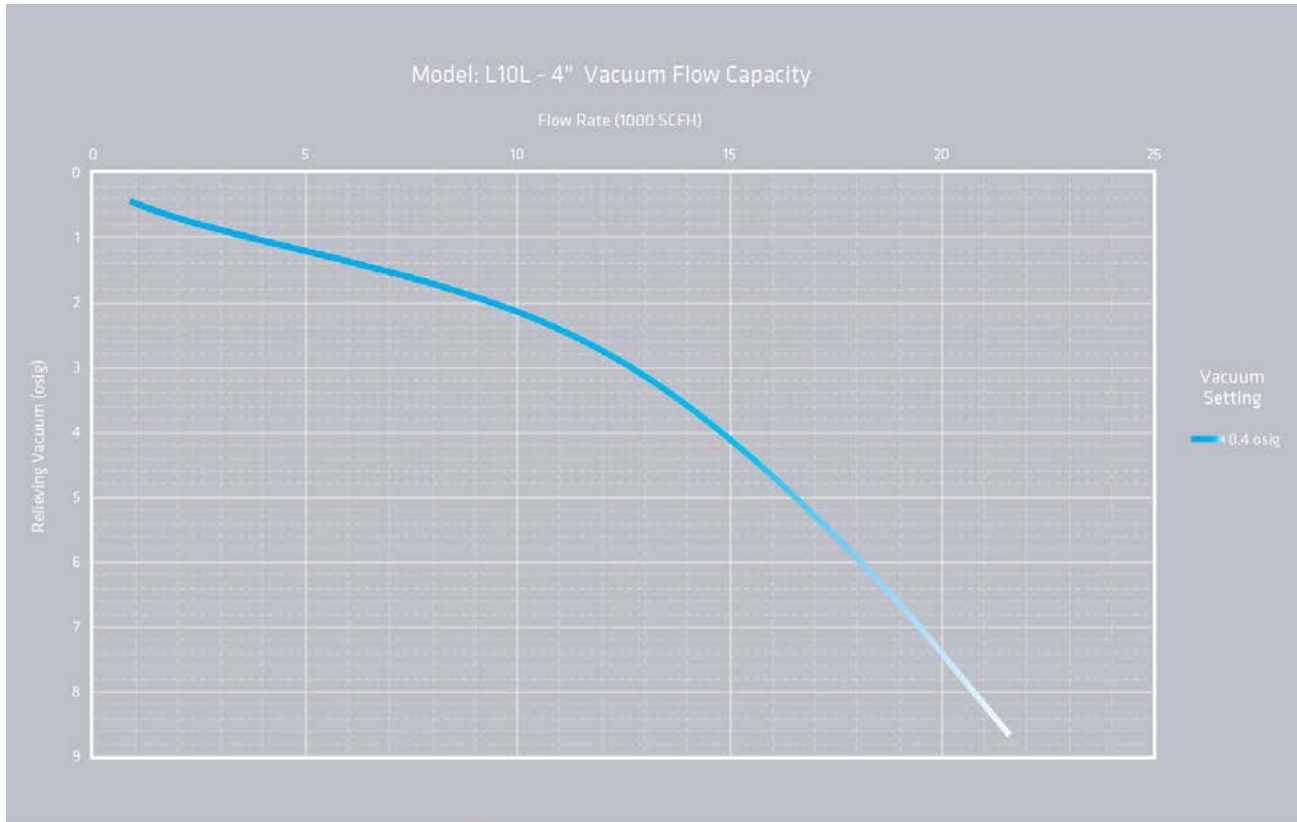
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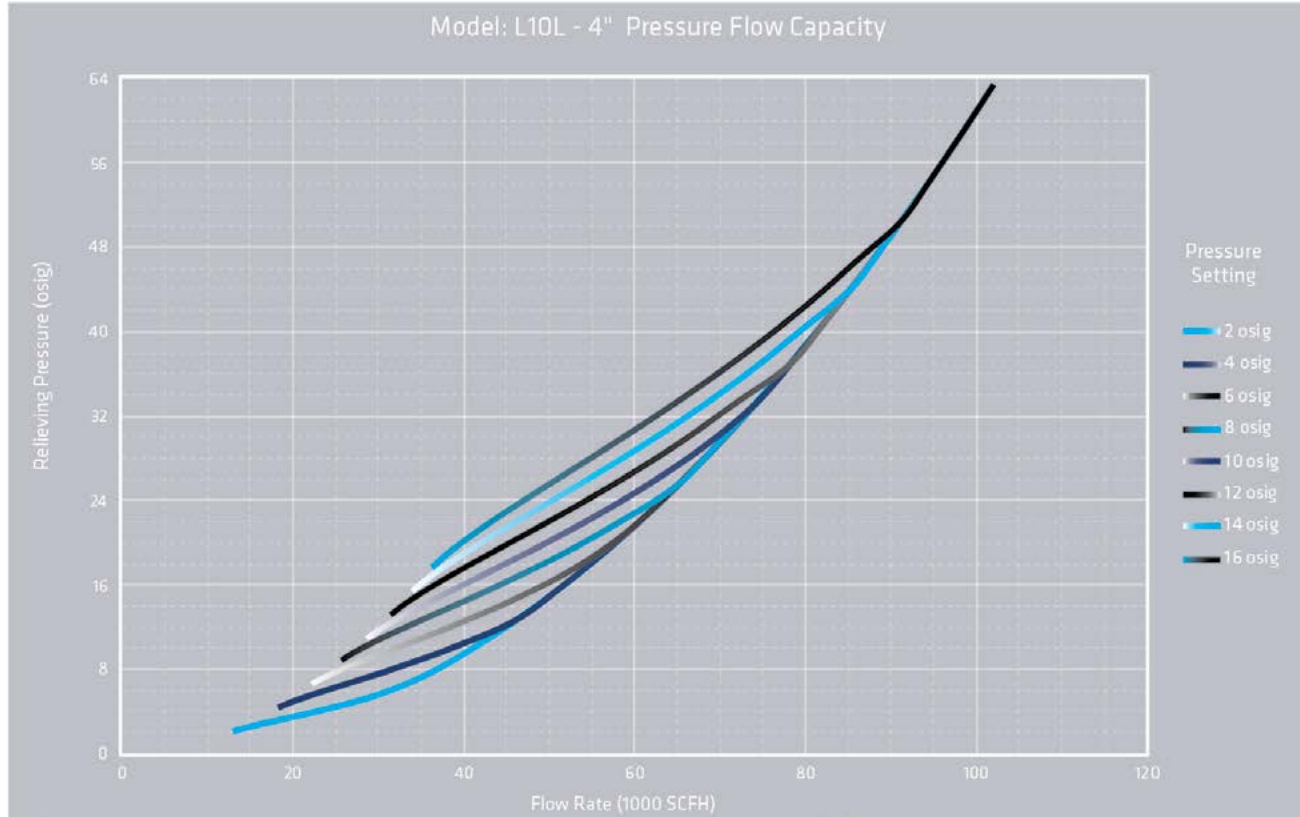
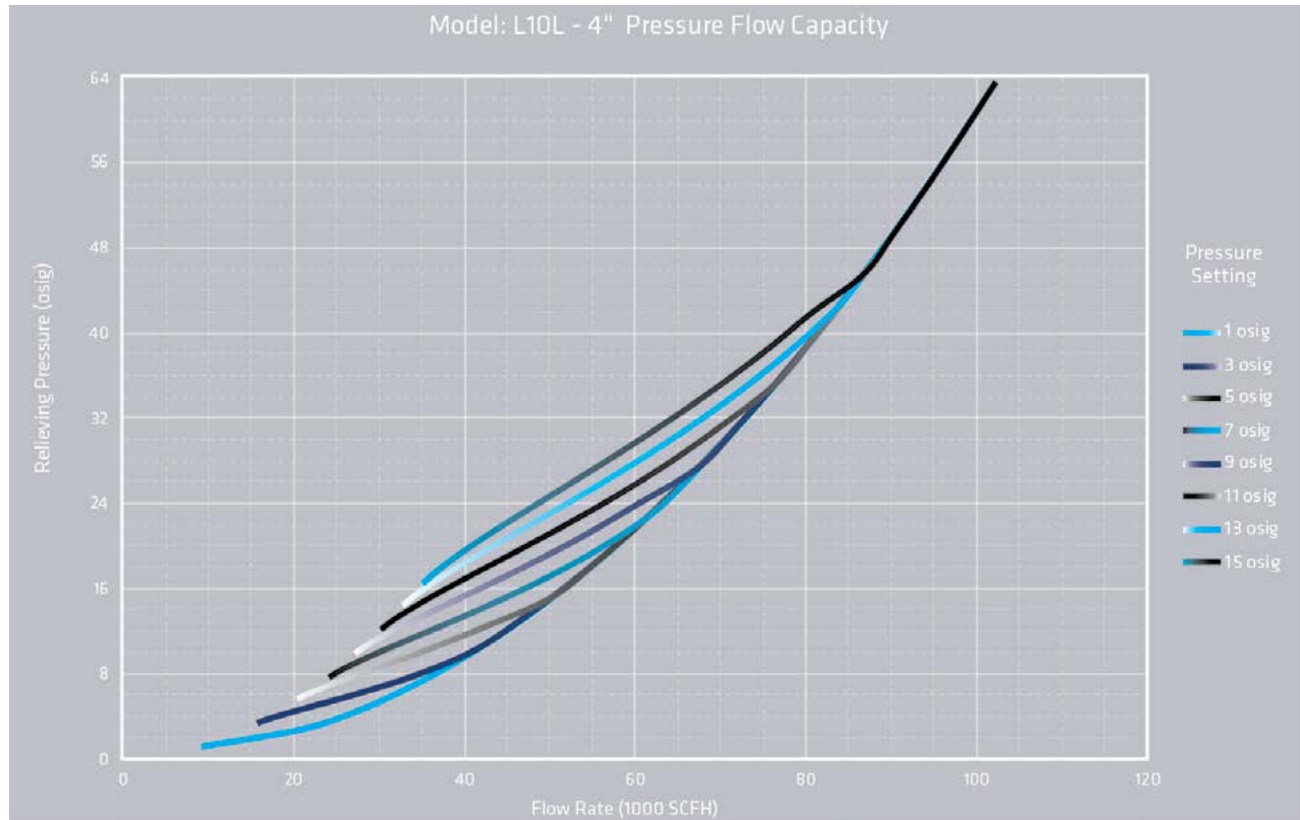
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# HOW TO ORDER

For easy ordering, select proper model numbers

MODEL #

Product #: L 1 0 L - P - - 1 - - - -

Model number:  
L = In-Line Vent Valve

Operating Parameter 2:  
O = Pressure Only  
V = Pressure and Vacuum

Connection Nominal Size:  
02 = 2"  
03 = 3"  
04 = 4"

Soft Good Material:  
B = Buna-N  
V = FKM (Blue)

Pressure Setting (osig):  
(1 osig increments)  
01 = 1 osig  
02 = 2 osig  
03 = 3 osig  
04 = 4 osig  
05 = 5 osig  
06 = 6 osig  
07 = 7 osig  
08 = 8 osig  
09 = 9 osig  
10 = 10 osig  
11 = 11 osig  
12 = 12 osig  
13 = 13 osig  
14 = 14 osig  
15 = 15 osig  
16 = 16 osig

Weight Material:  
3 = Carbon Steel  
S = Stainless Steel  
0 = No Weight (1 osig only)

Vacuum Setting:  
4 = 0.4 osig  
0 = No Vacuum Setting

Options:  
0 = No Options  
E = Polyester/PTFE Coating

## Notes

- For special options, consult factory

## Example

L 1 0 L - P V - 0 2 - 1 V - 0 3 3 - 4 - 0

Indicates a 2" Model L10L with vacuum, FKM soft goods, 3 osig Pressure Setting, carbon steel weight, 0.4 osig Vacuum Setting and no other options.

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