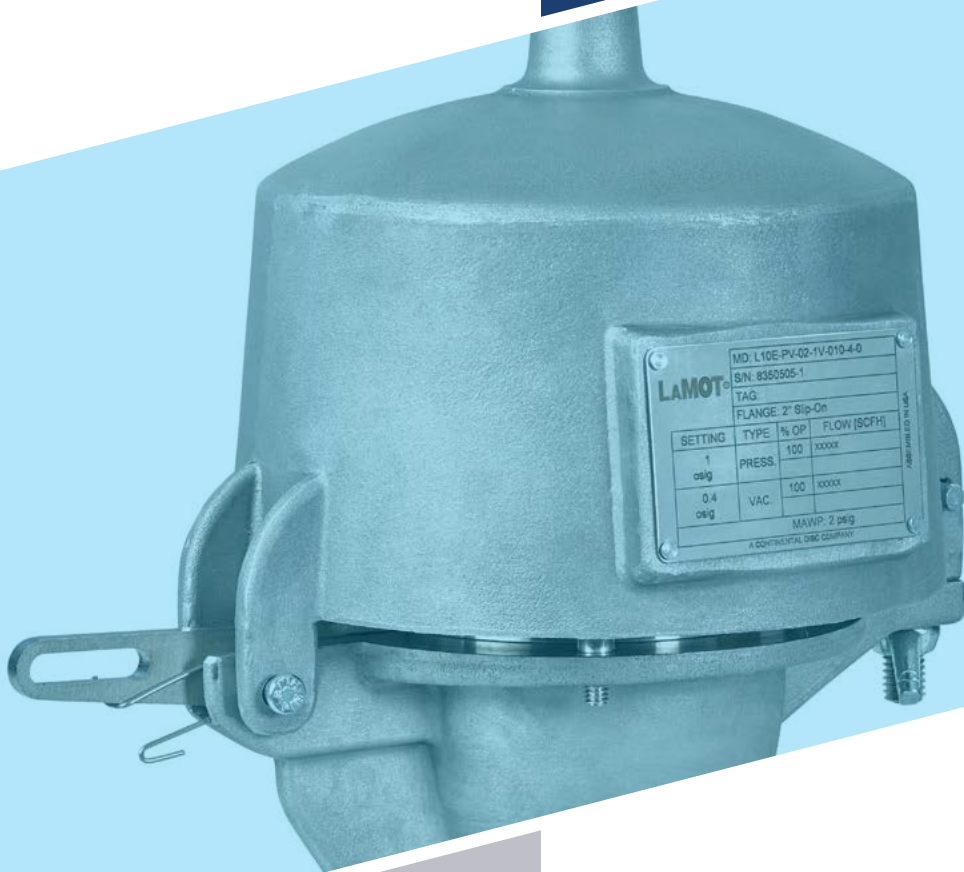


LAMOT[®]

VALVE & ARRESTOR

VENT VALVE

MODEL L10E



KIMRAY[®]

INC.

MODEL L10E

The LaMot Valve & Arrestor Model L10E 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 Material: Aluminum
- Diaphragm Materials: Black Buna-N, Blue FKM
- Flange Gasket: Black Buna-N, Blue FKM
- Calibrated Weight Material: 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

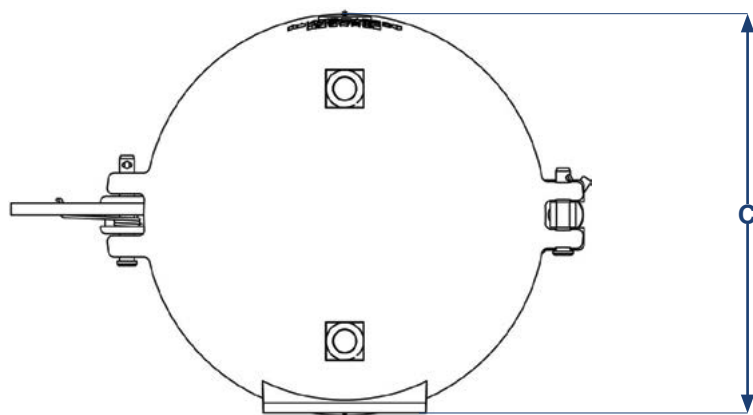
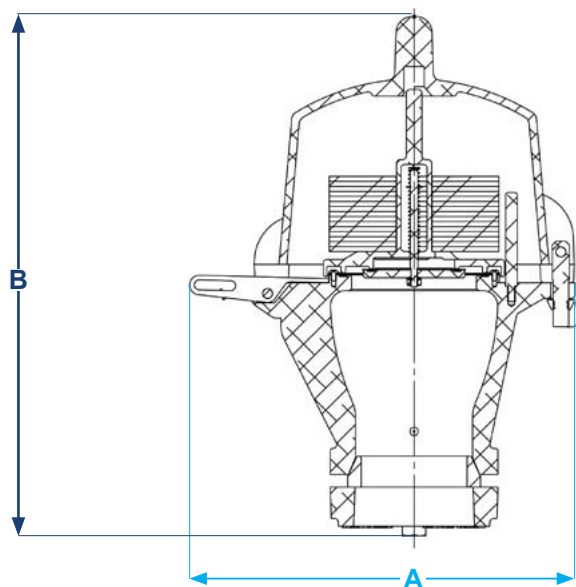
Direct Replacement & Easy Maintenance

- Direct replacement for any standard 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

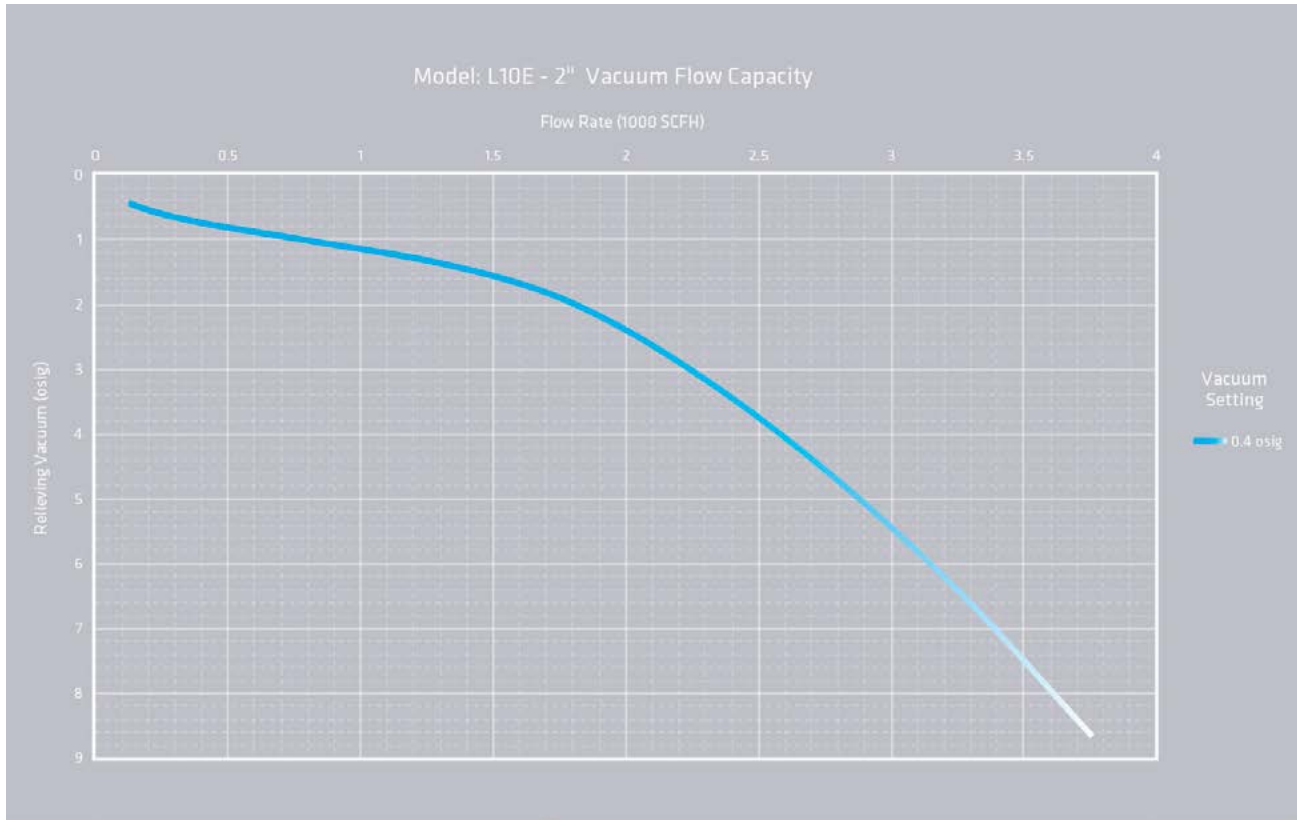


SPECIFICATIONS

Connection Size Inches (mm)	A Width Inches (mm)	B Height Inches (mm)	C Depth Inches (mm)
2 (50)	11.00 (279)	13.50 (343)	7.75 (197)
3 (75)	12.38 (314)	16.68 (424)	8.75 (222)
4 (100)	13.06 (332)	18.25 (464)	9.85 (250)

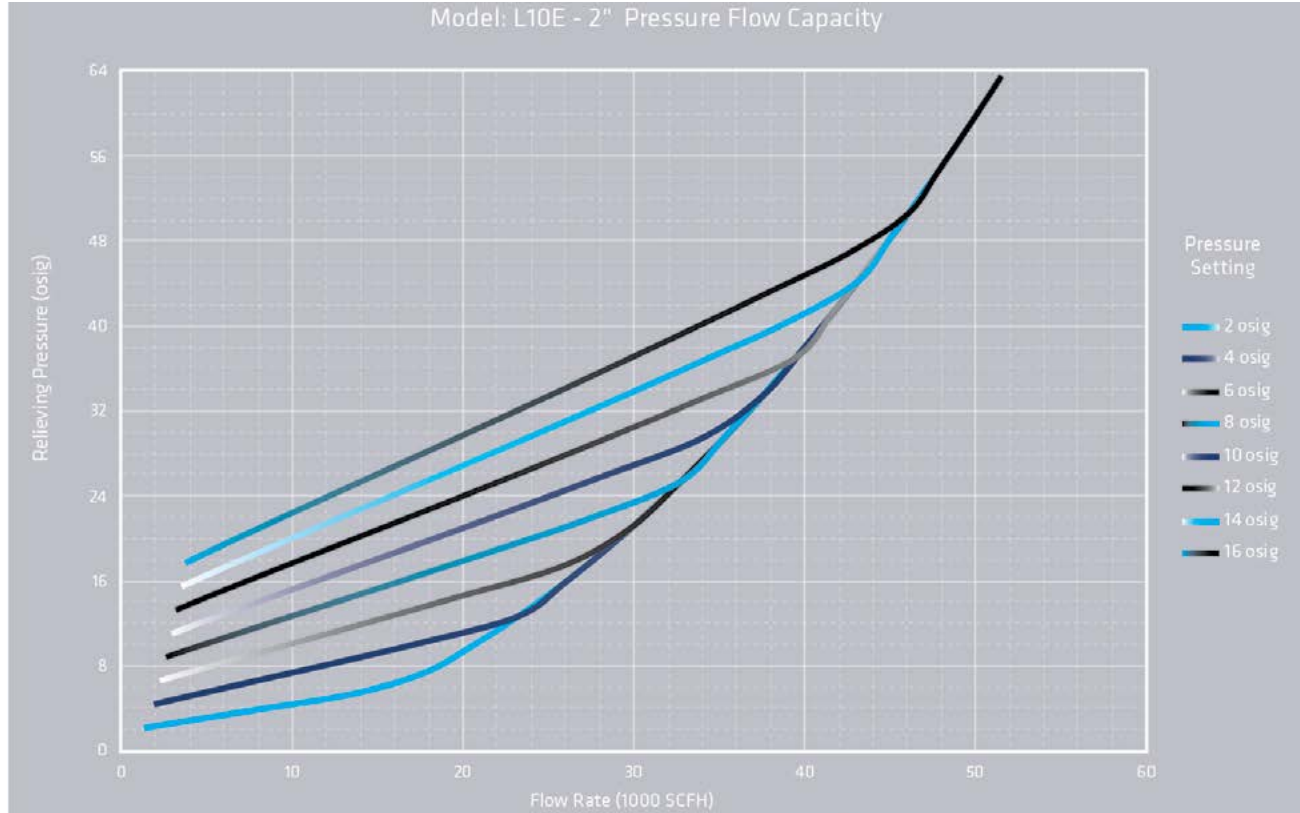
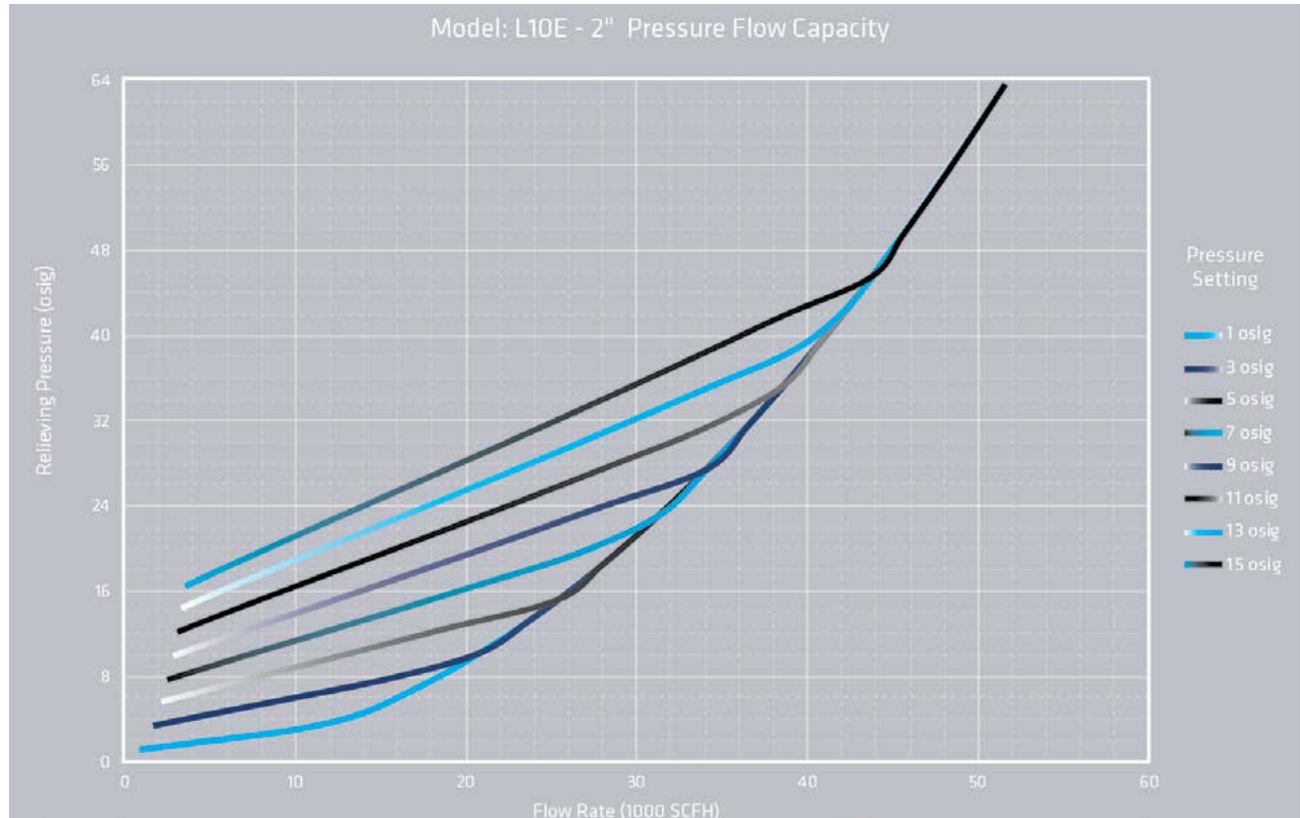


FLOW CAPACITY



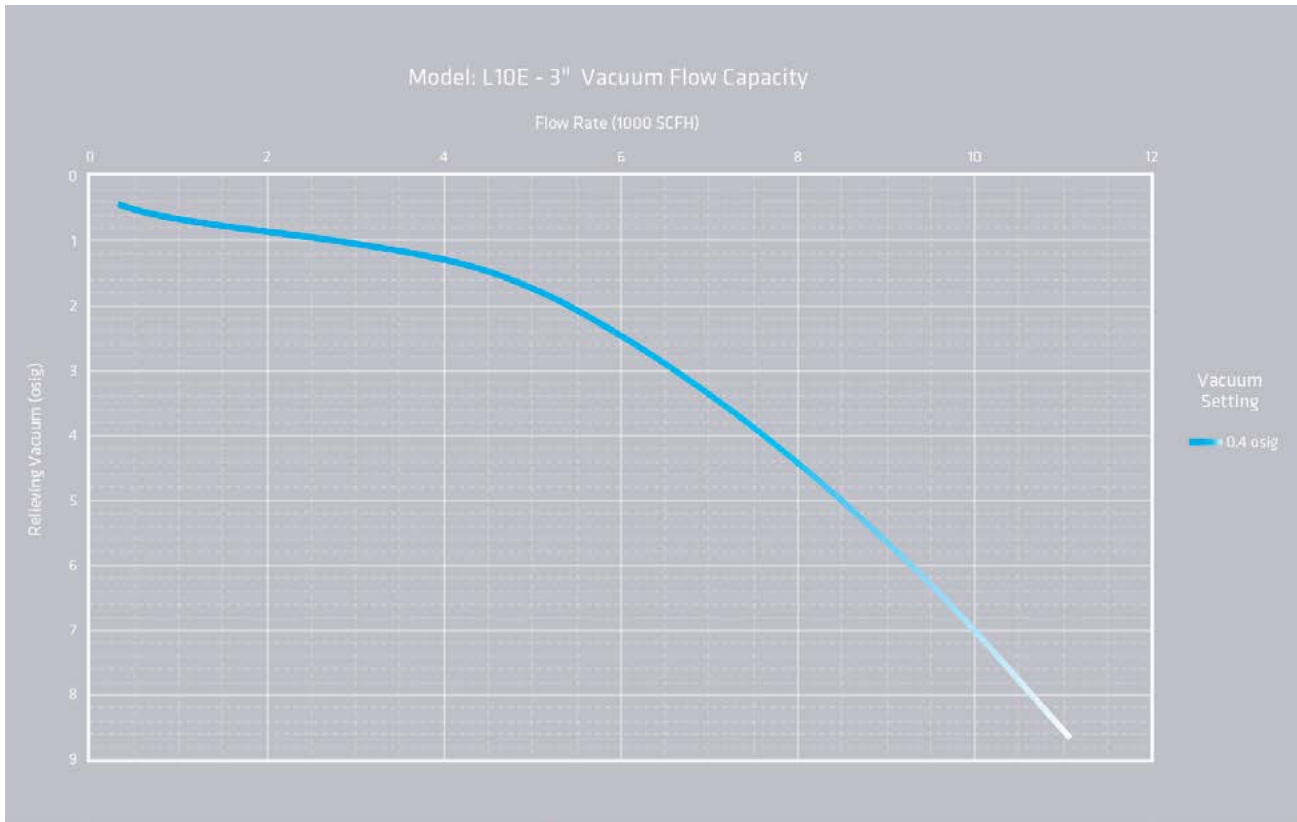
The test equipment, procedures, and reporting methods meet the requirements of standards API 2000/ISO 28300 and ISO 16852.
The equipment, procedures, and methods have been reviewed and certified by TÜV SÜD.
Flow data are for tank mounting or end of line and includes entrance loss, exit loss and internal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

FLOW CAPACITY



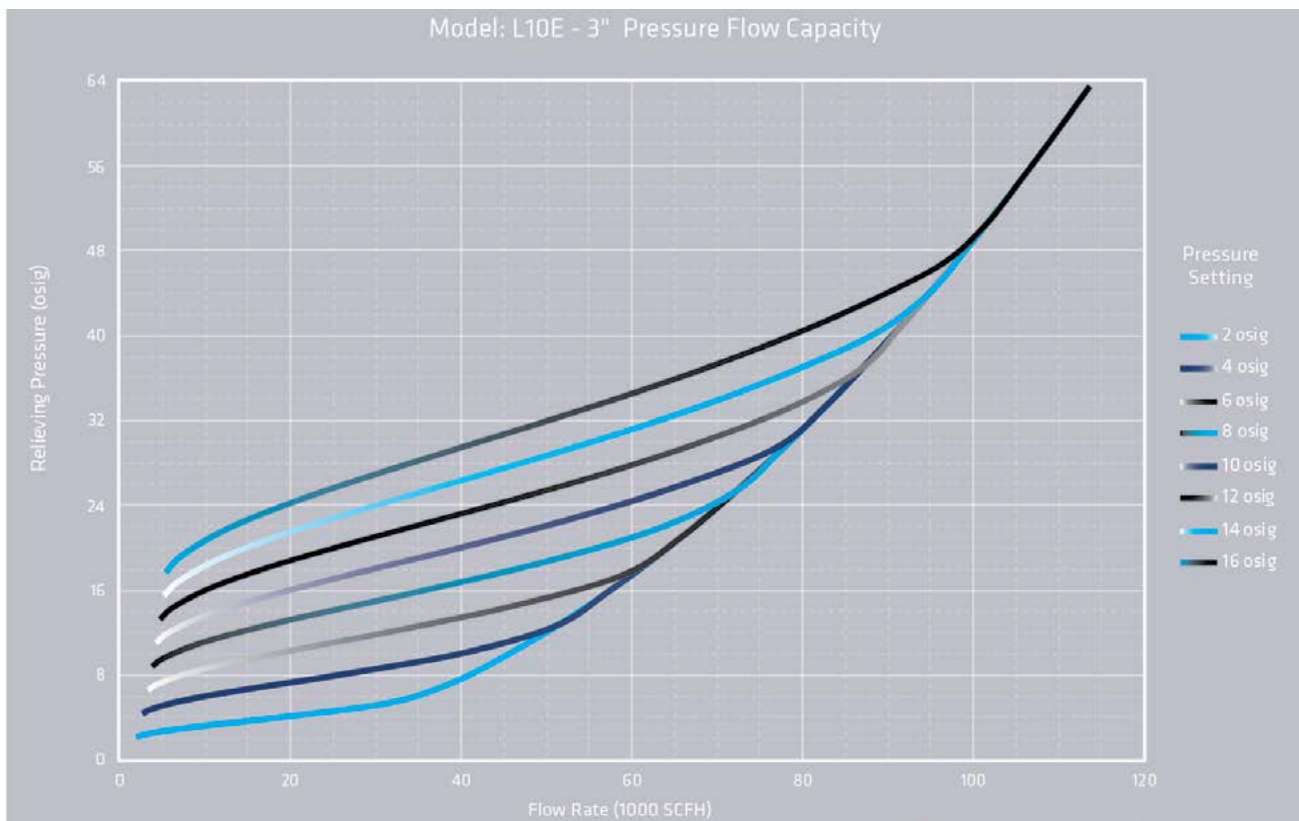
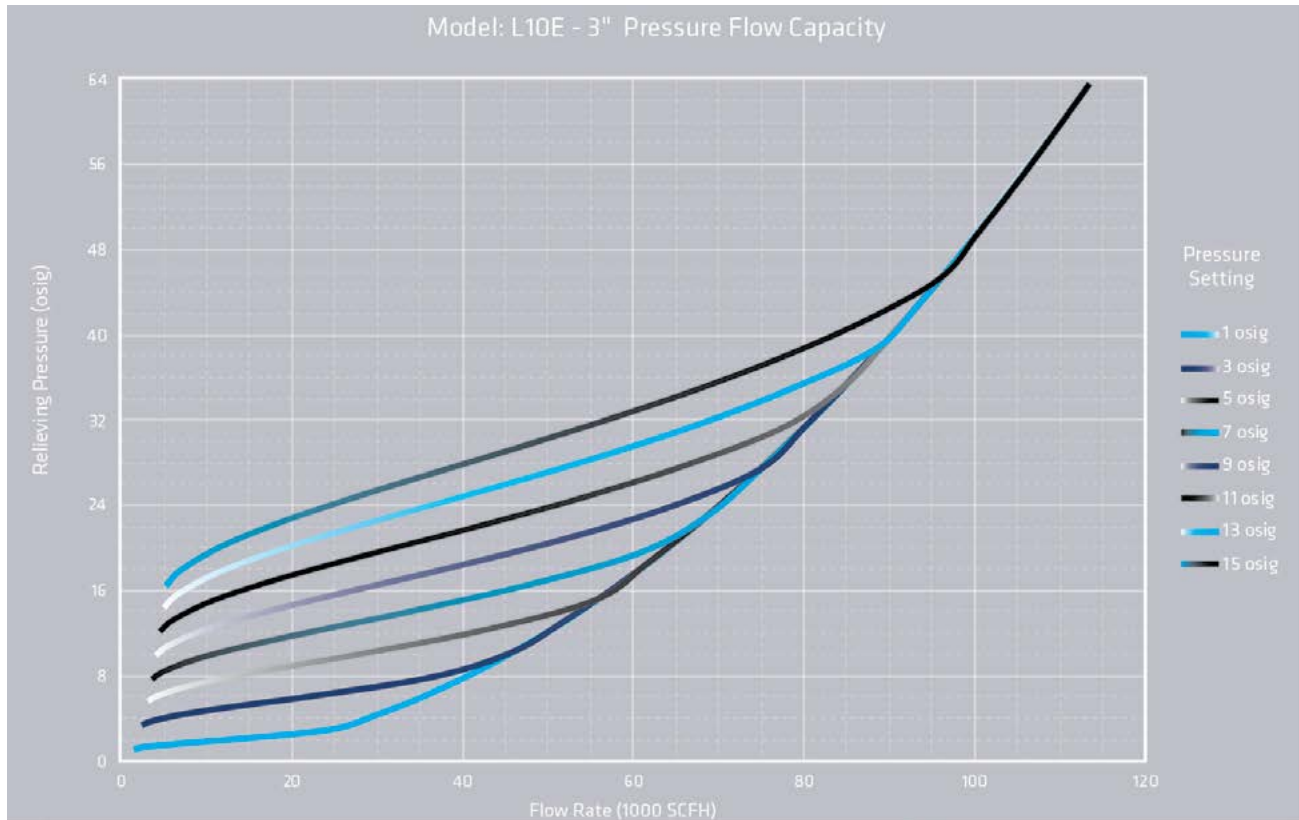
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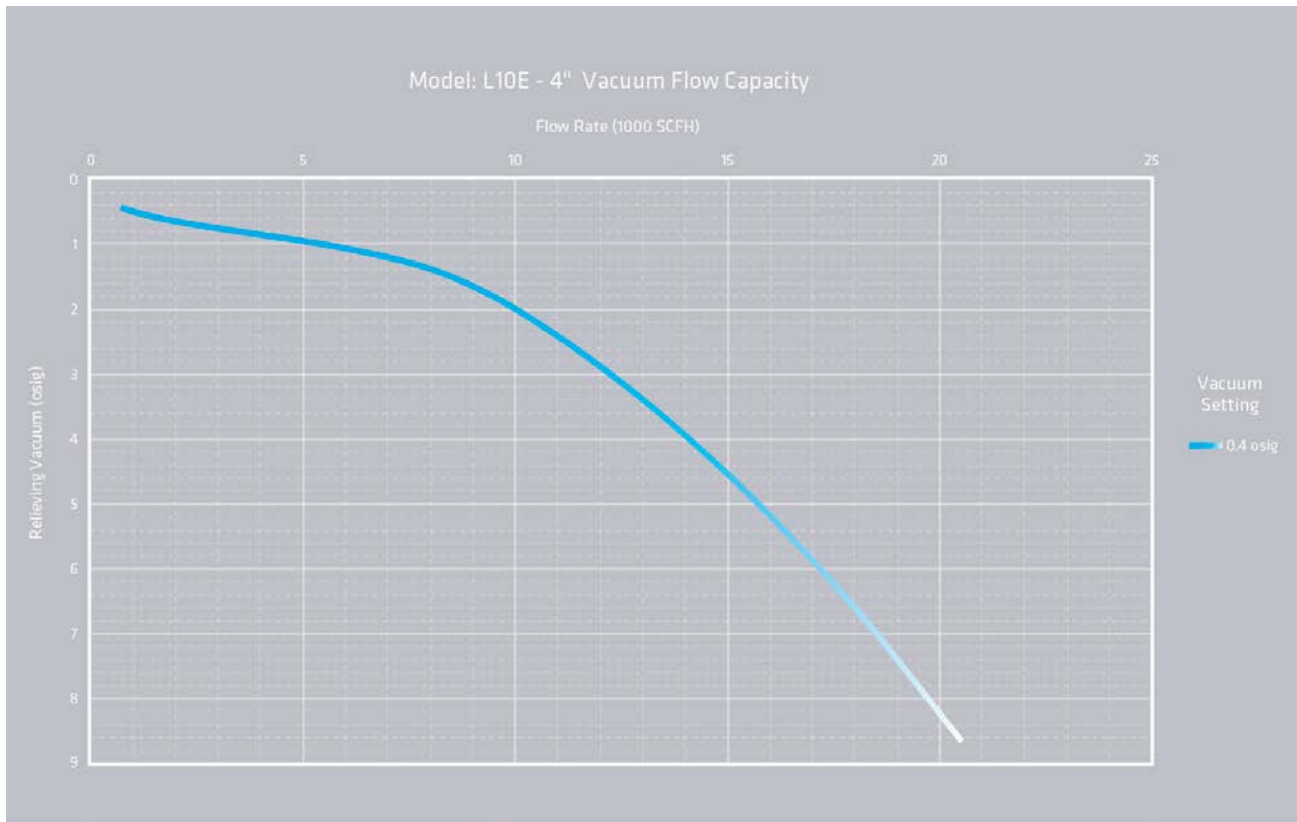
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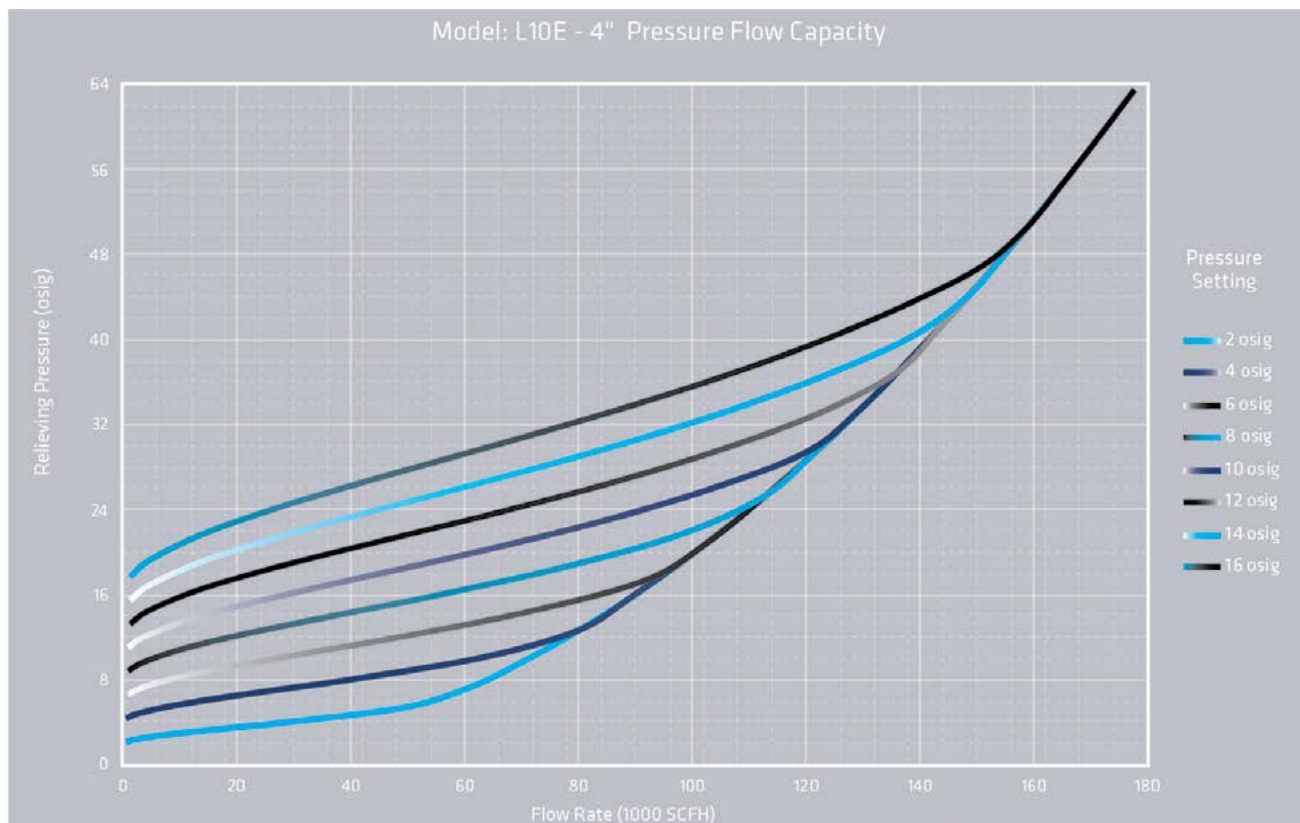
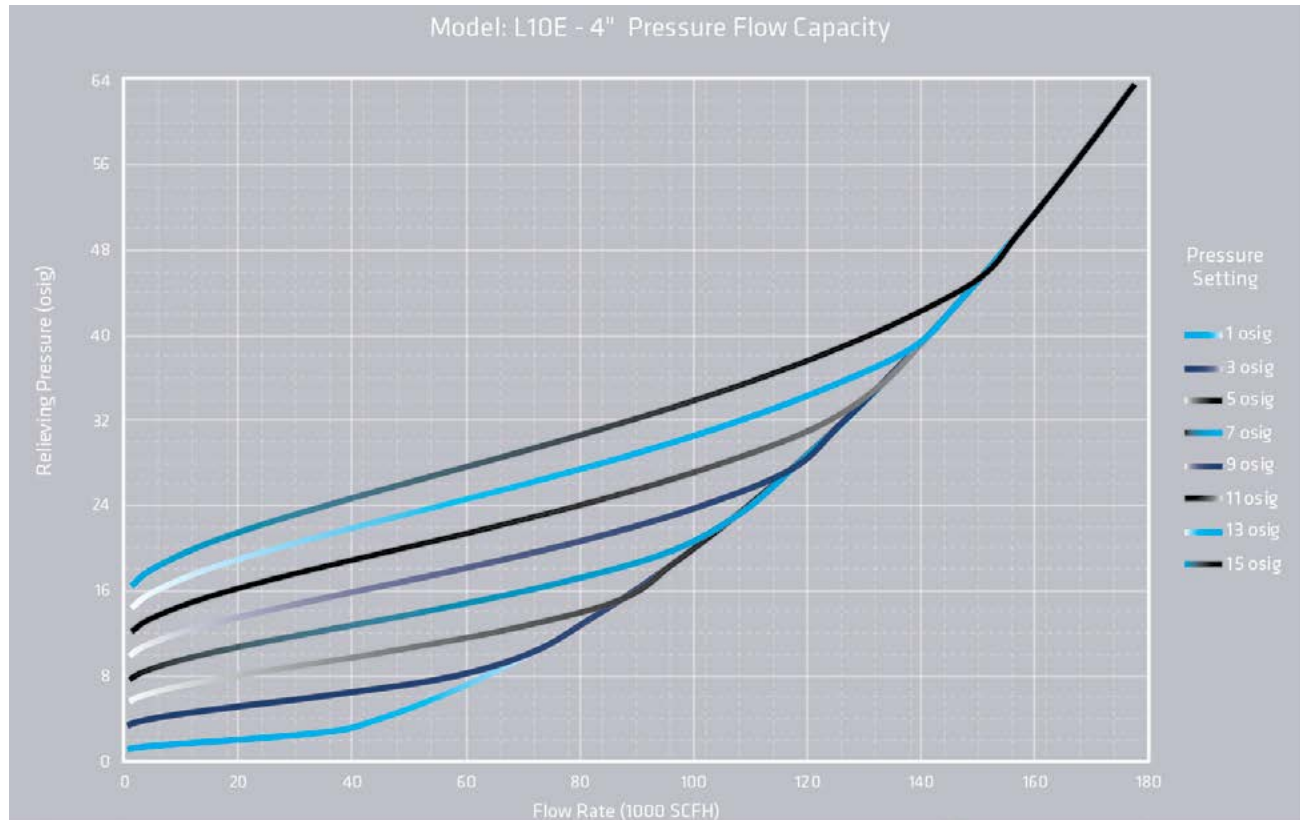
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HOW TO ORDER

For easy ordering, select proper model numbers

MODEL #

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

Model number:
E = End of Line Vent Valve

Operating Parameter 2:
0 = 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 E - P V - 0 2 - 1 V - 0 3 3 - 4 - 0

Indicates a 2" Model L10E 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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