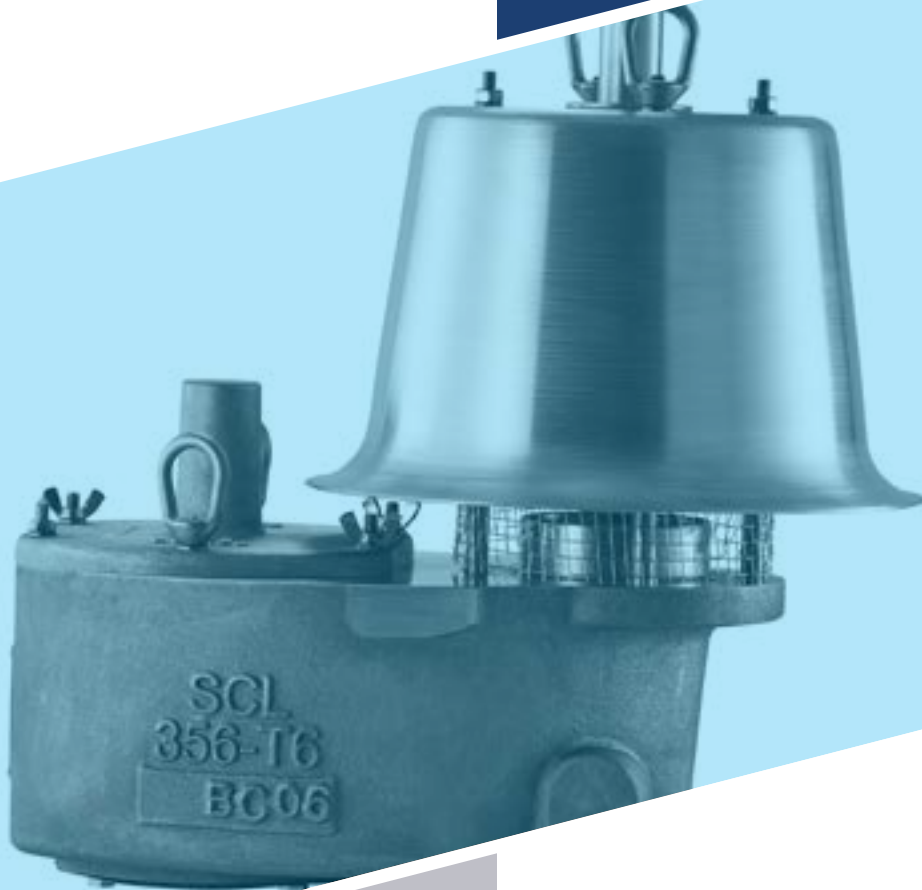


LAMOT[®]

VALVE & ARRESTOR

PRESSURE/VACUUM RELIEF VALVE

MODEL L12E



KIMRAY
INC. [®]



MODEL L12E

The LaMOT Valve & Arrestor Model L12E PVRV design was created to exceed industry needs. Extensive research and development have produced a product that achieve both superior sealing performance and industry leading flow rates,while also allowing customers to reach required flow with a potentially smaller sized valve. The pressure vacuum relief valve is designed to protect your tank from damage created by overpressure or excessive vacuum. Costly product evaporation losses due to normal tank “breathing” are greatly reduced. The Model L12E superior sealing valves are developed to minimize fugitive emissions while providing increased protection and safety to tank equipment and on-site personnel.

Technical Details

- Size: 2” (50mm) through 10” (250mm)
- Body Material: Aluminum, Carbon Steel, Stainless Steel
- Pallet Material: PPS (Polyphenylene Sulfide)
- Diaphragm Materials: Buna-N, Blue FKM or FEP
- Calibrated Weight Material: Zinc-Plated Steel (for Aluminum and Carbon Steel valves), Stainless Steel (for Stainless Steel valves)
- Bolting Class: 150# ASME
- Available Pressure Settings: 0.5 osig to 24 osig (in 0.5 osig Increments)
- Available Vacuum Settings: 0.4 osig, 0.5 osig to 24 osig (in 0.5 osig increments)
- Leak Rate is compliant with API 2000
- Vent to Atmosphere, Pressures up to 24 osig

Features

- Precision machining and manufacturing to accomplish superior sealing, aiding in the reduction of fugitive emissions
- Ultra-tight sealing reduces product leakage and fugitive emissions
- Achieve various pressure setting by adding calibrated weights
- Industry leading flow rates
- Higher flow capacity to protect from both excessive pressure and excessive vacuum build up
- Peripheral and central seat guides ensure reliable, repeatable performance
- PPS pallet material is more corrosion resistant than other pallet materials and has anti-freeze non-stick properties to aid in applications with potential pallet to seat freezing
- Designed for easy maintenance, thus reducing downtime and operational cost

Options

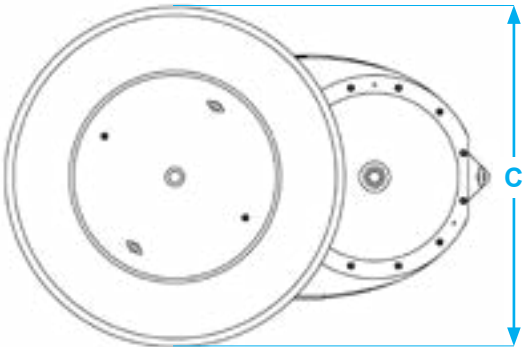
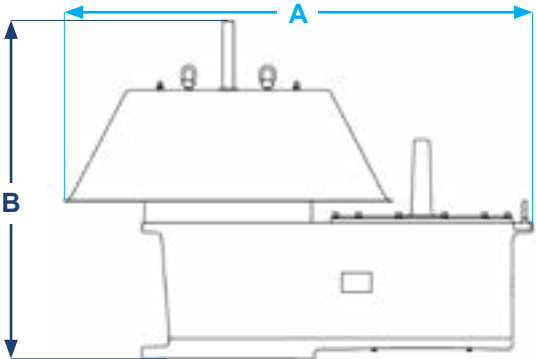
- Corrosion resistance can be enhanced with FKM soft goods



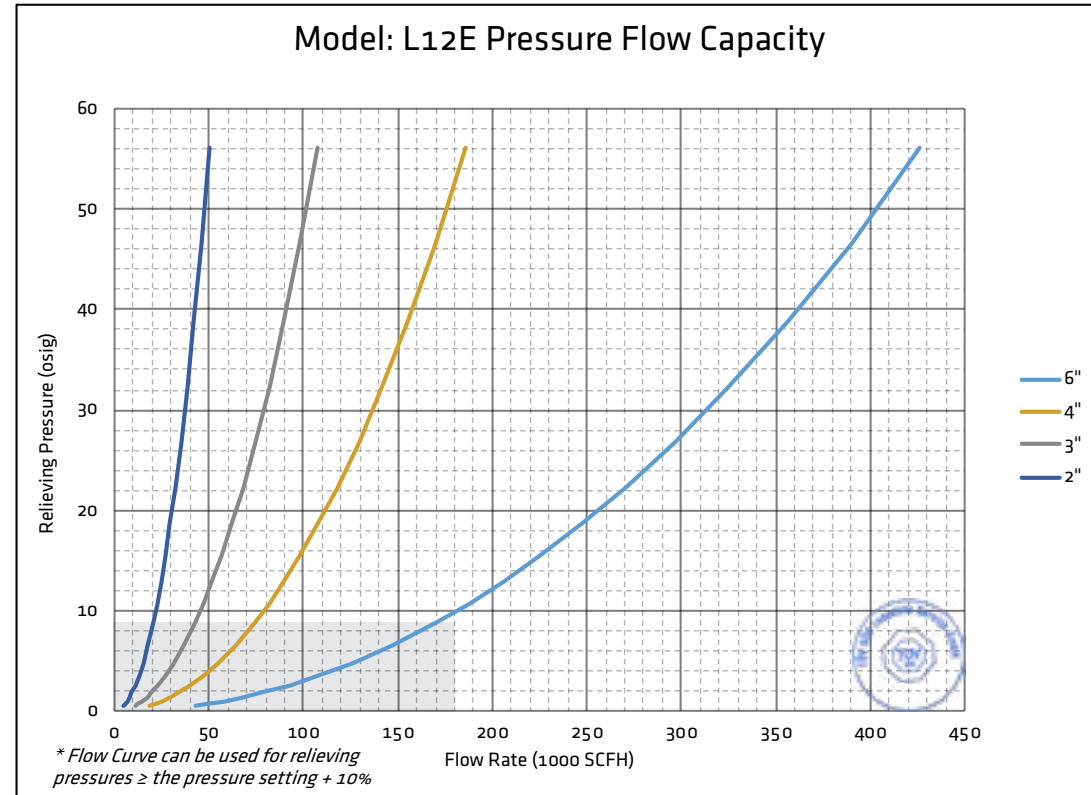
SPECIFICATIONS

Connection Size Inches (mm)	A Width Inches (mm)	B Height Inches (mm)	C Depth Inches (mm)	ASSEMBLY WEIGHT *SS LBS (KG)	ASSEMBLY WEIGHT *AL LBS (KG)
2 (50)	14.16 (360)	14.29 (363)	9.78 (248)	64 (29)	33 (15)
3 (80)	18.48 (469)	16.47 (418)	13.43 (341)	104 (47)	54 (24)
4 (100)	22.48 (571)	18.28 (464)	16.89 (429)	144 (65)	75 (34)
6 (150)	30.93 (786)	23.79 (604)	23.47 (596)	305 (138)	183 (83)
8 (200)	37.76 (959)	28.70 (729)	25.49 (647)	457 (207)	272 (123)
10 (250)	45.82 (1164)	33.48 (850)	32.17 (817)	713 (323)	455 (206)

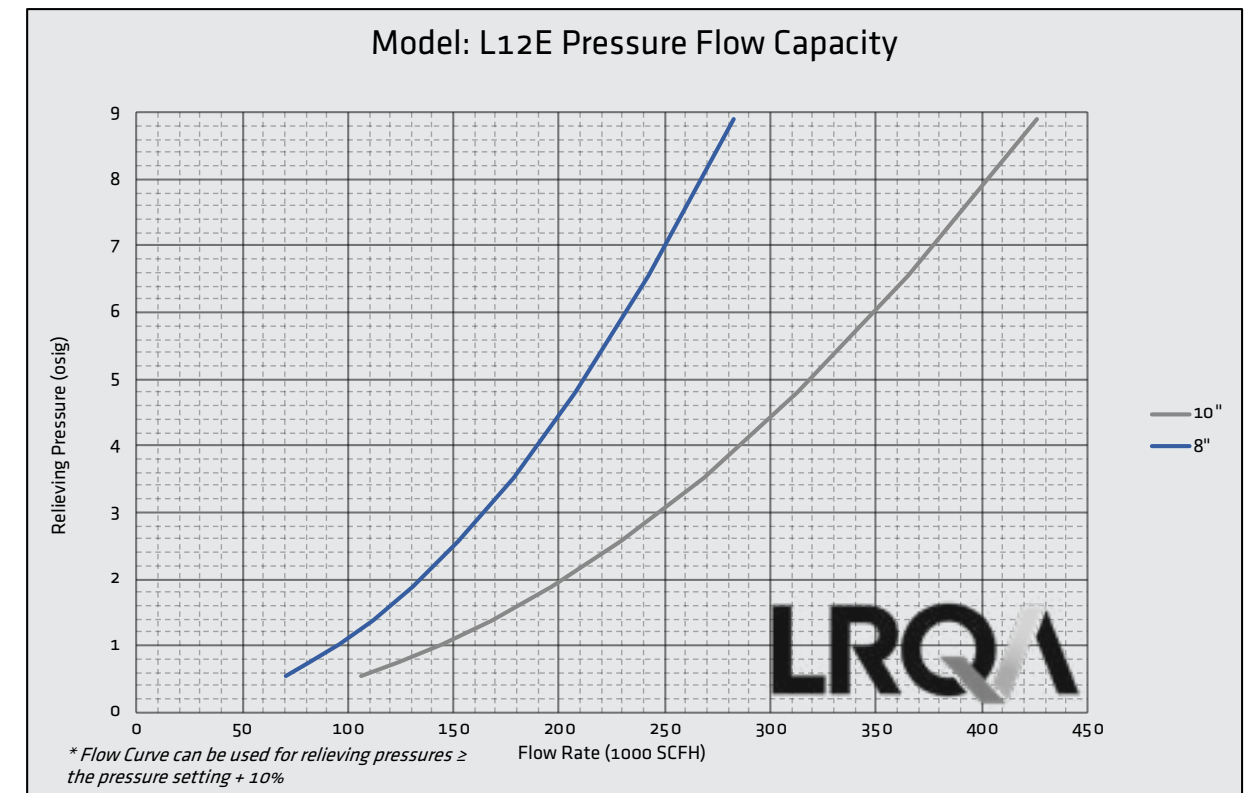
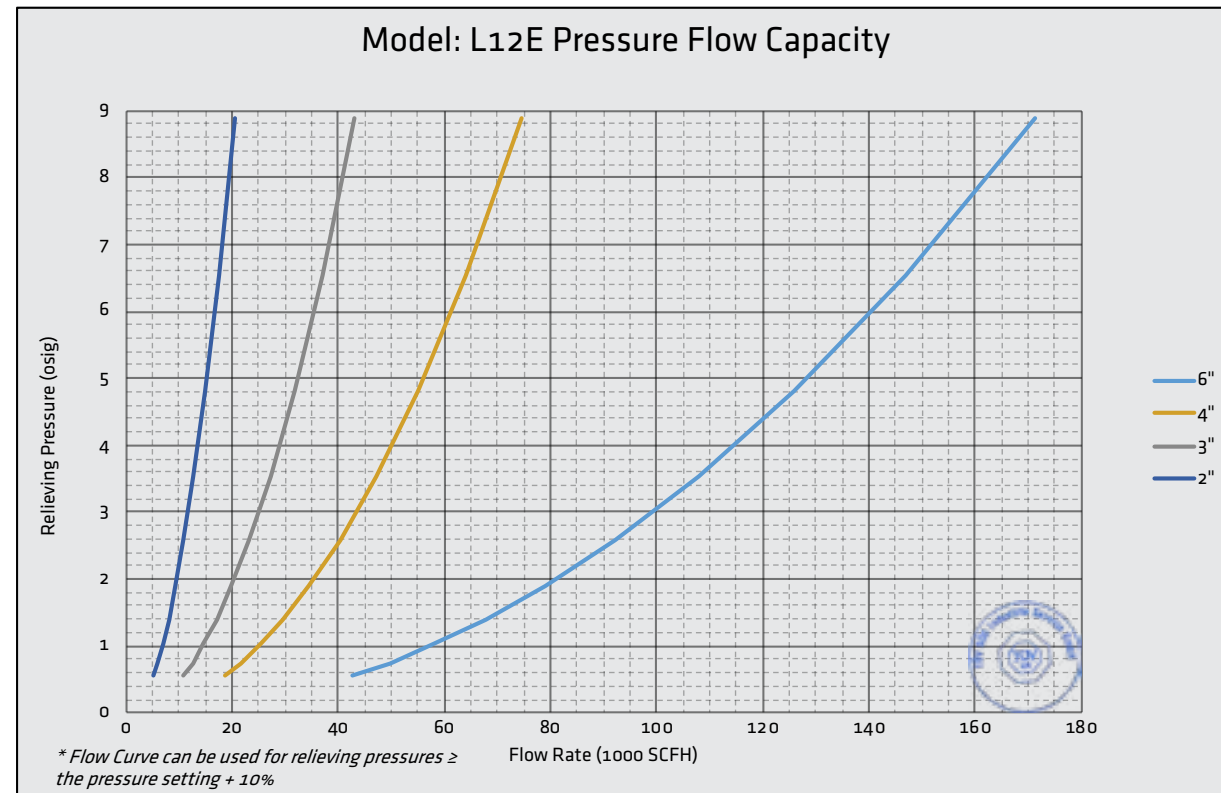
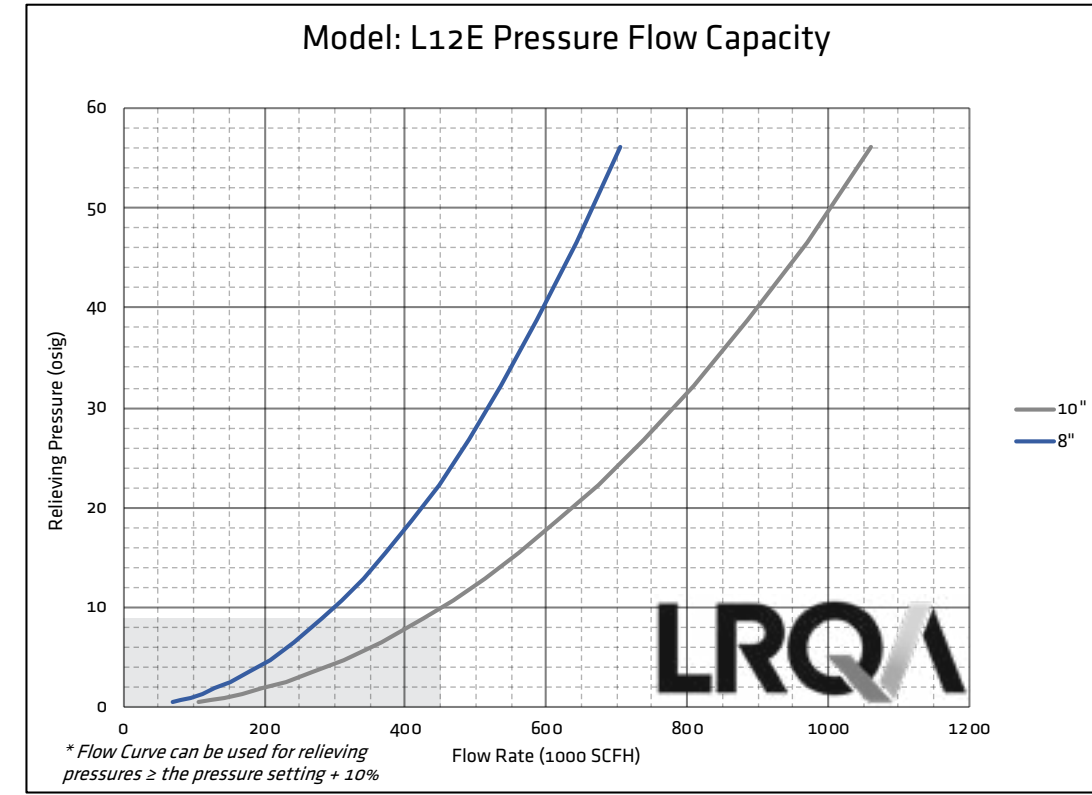
*without spacers weight provided



FLOW CAPACITY



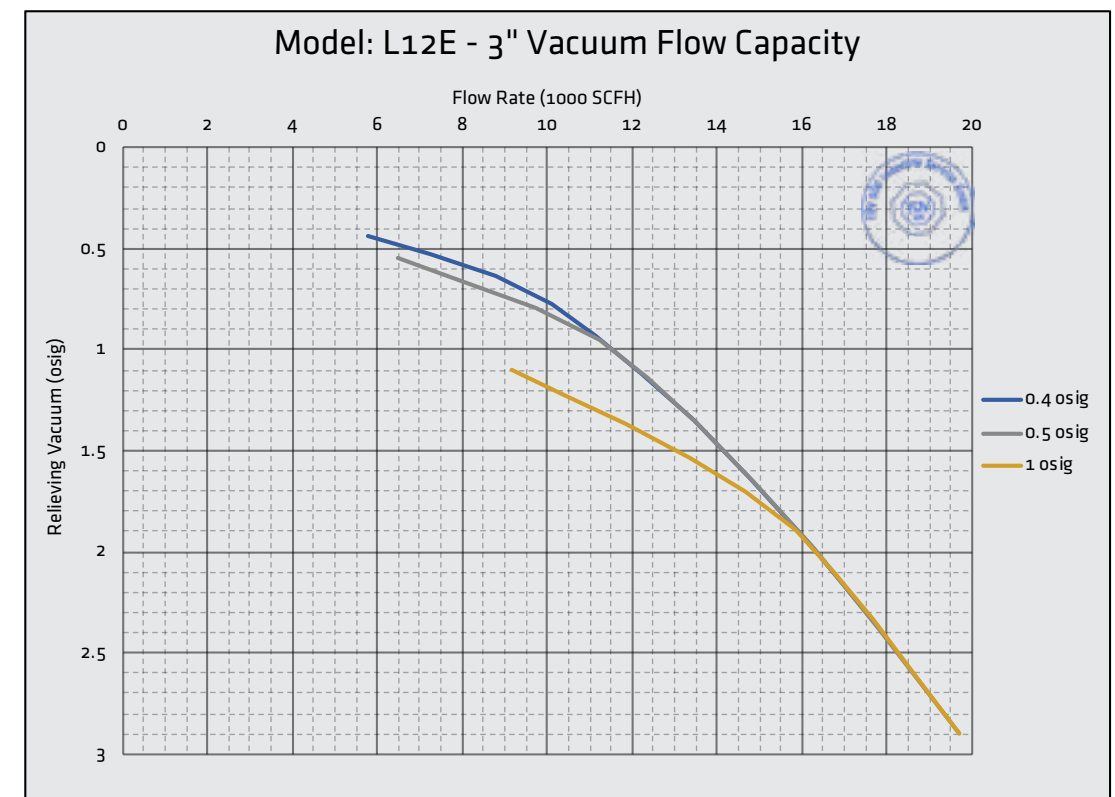
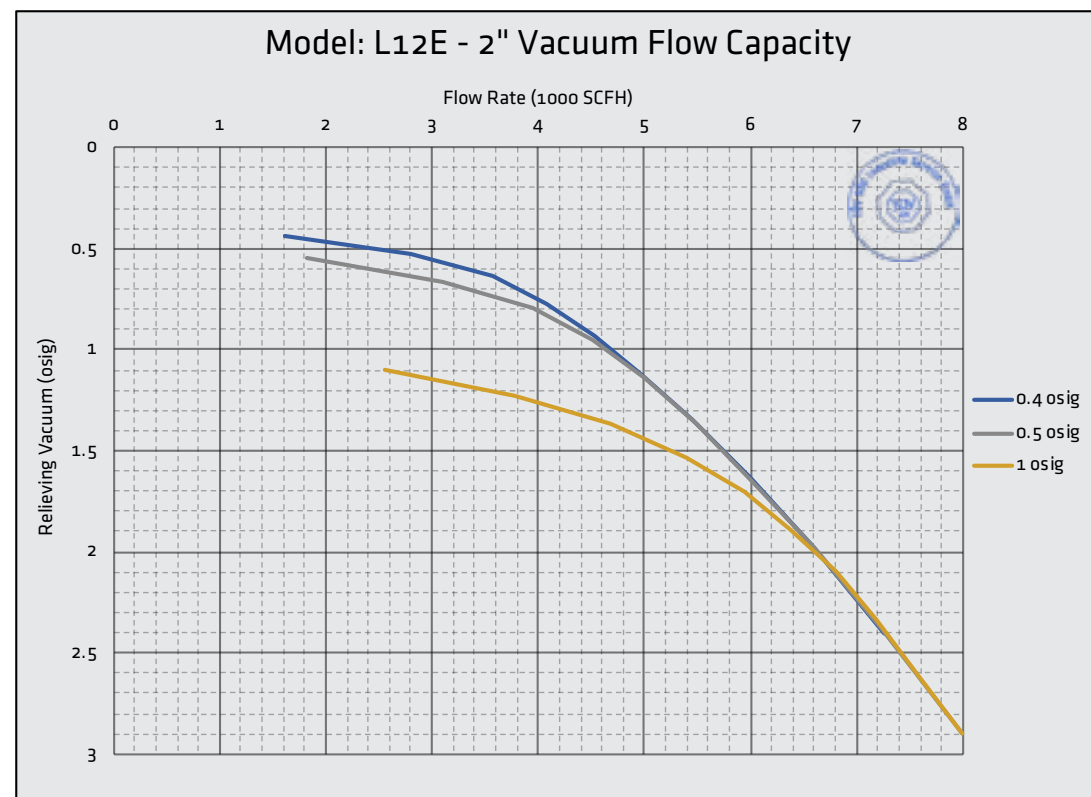
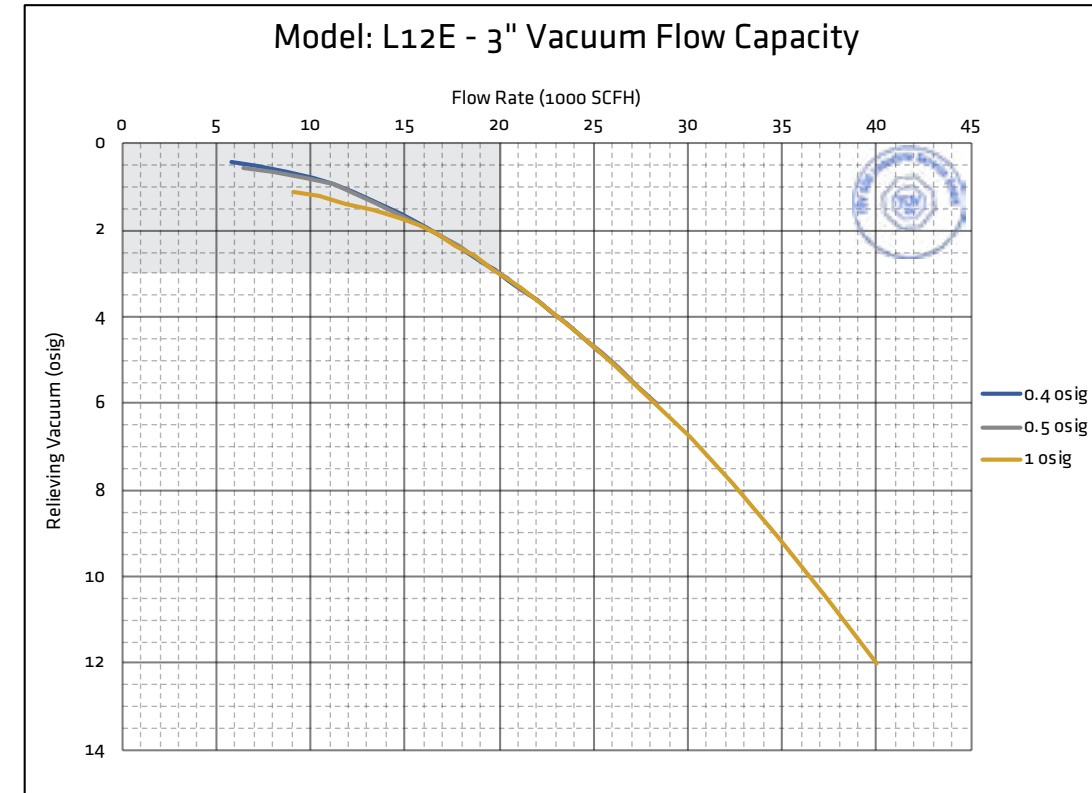
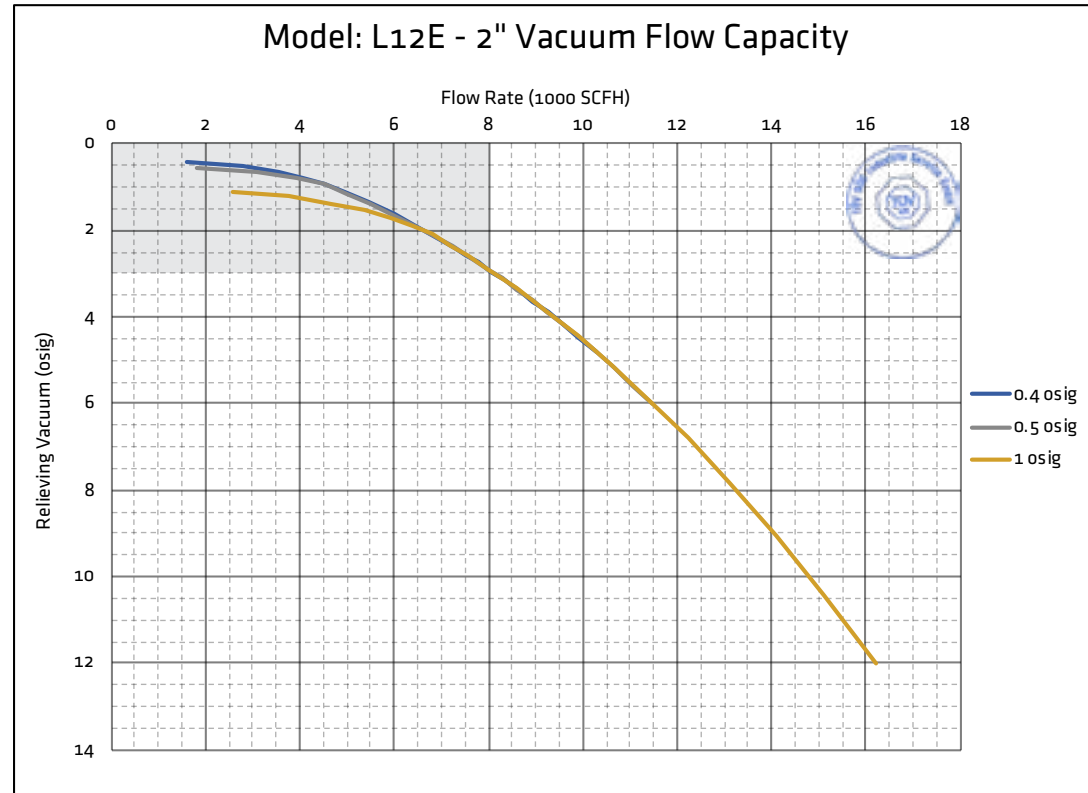
FLOW CAPACITY



- The test equipment, procedures, and reporting methods meet the requirements of standards API 2000/ISO 28300. The equipment, methods, and results 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 to atmospheric pressure of 14.6959 psia.

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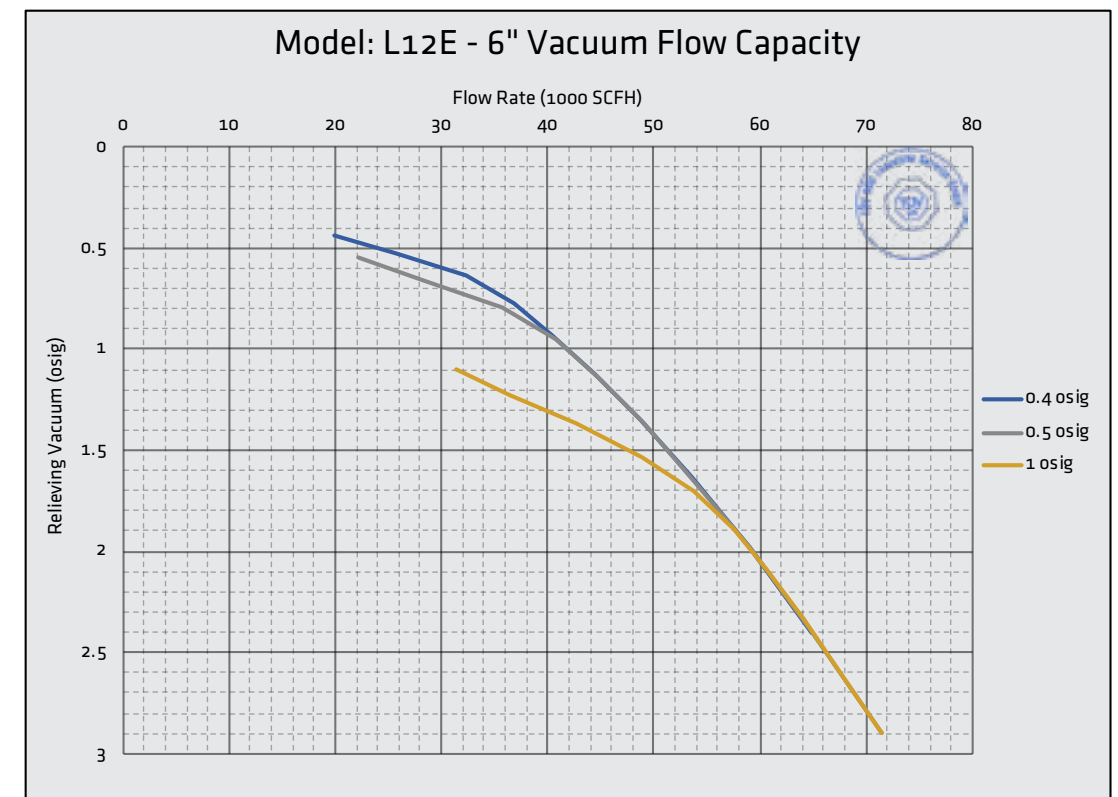
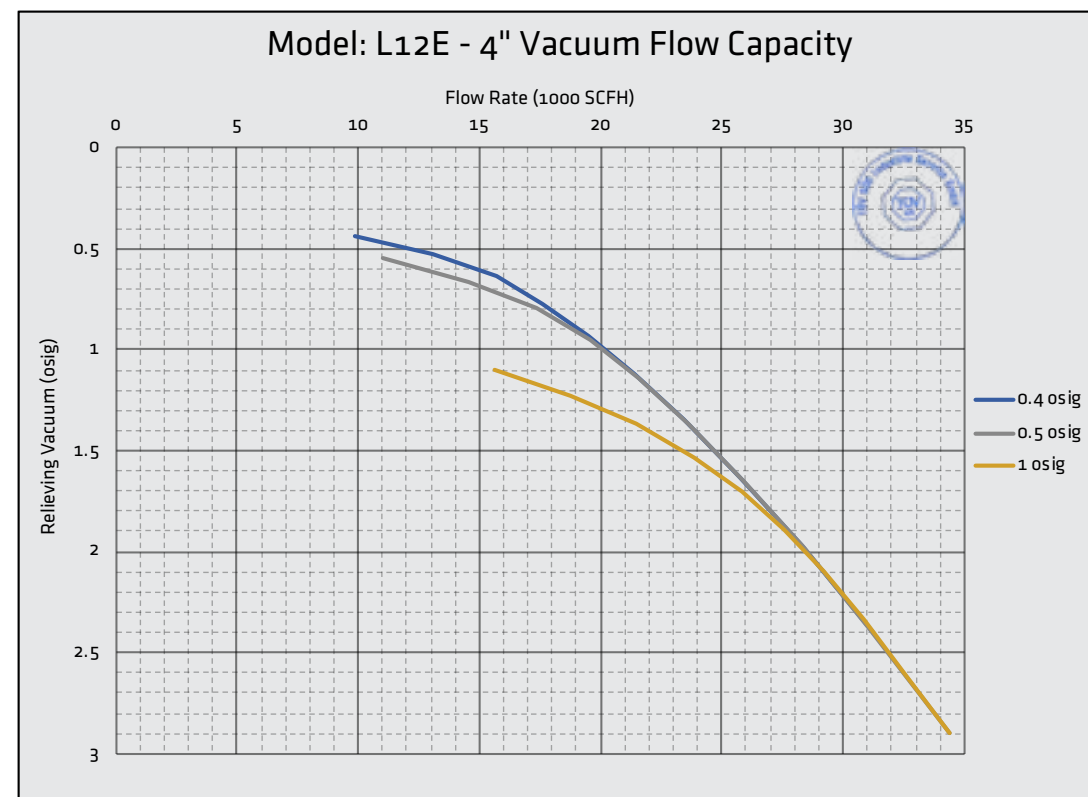
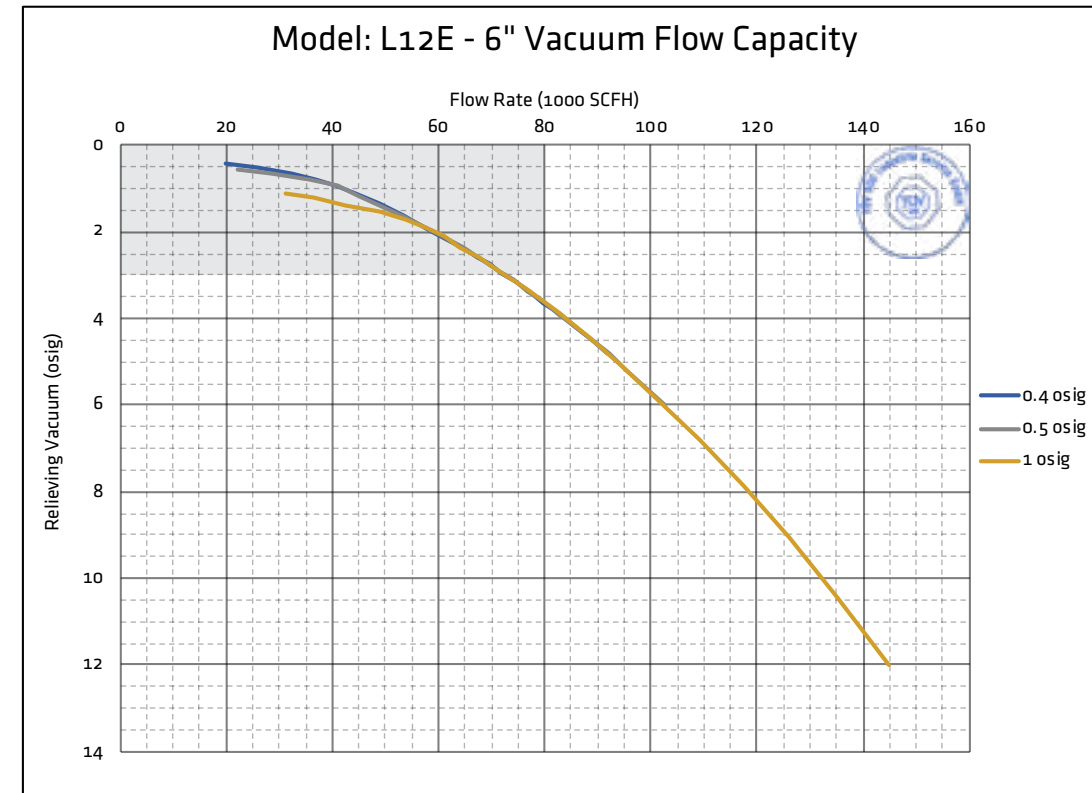
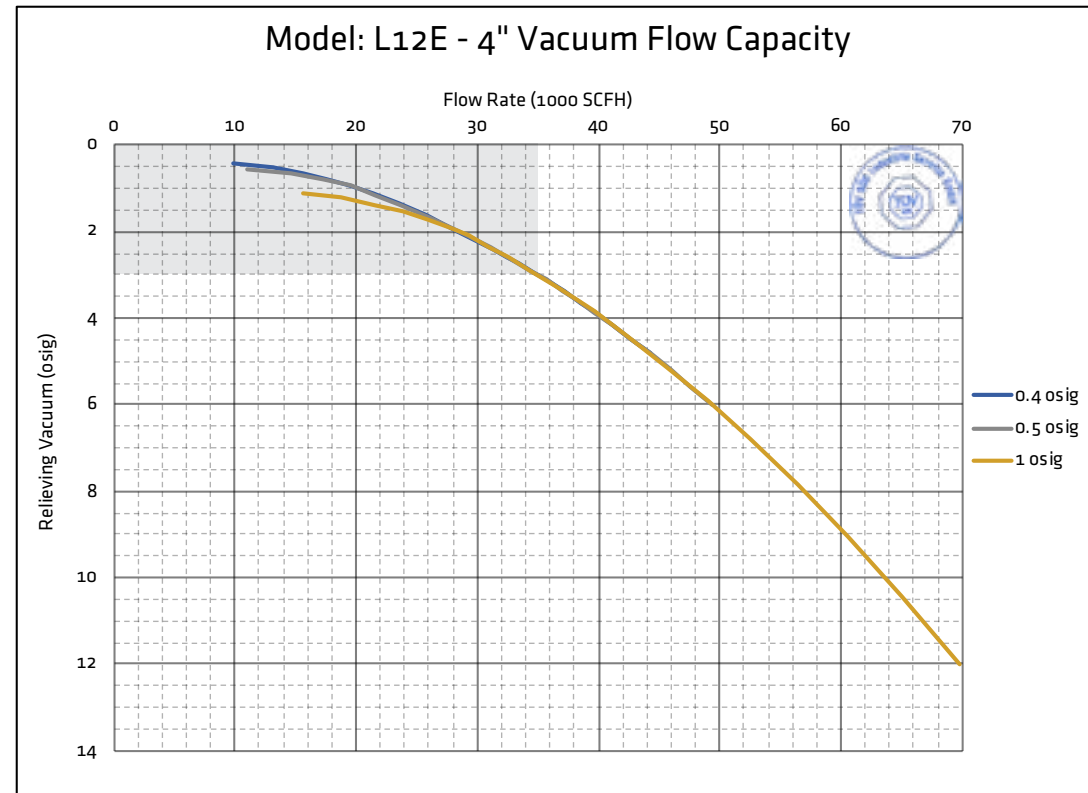
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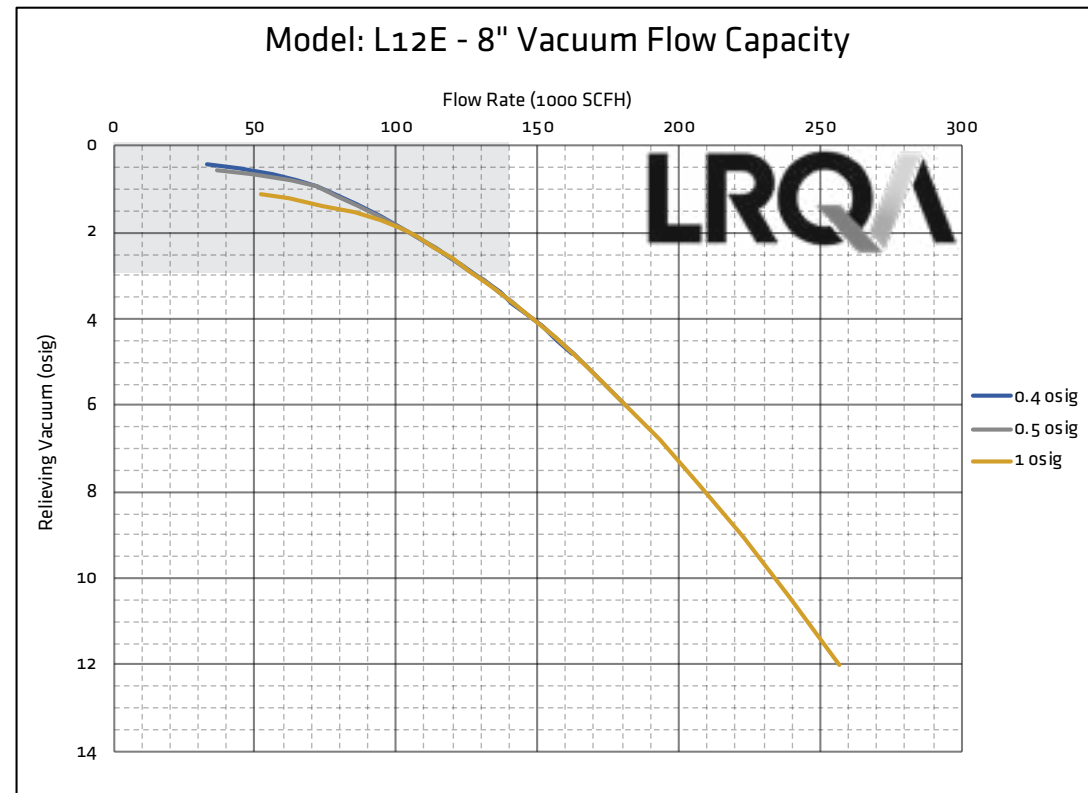
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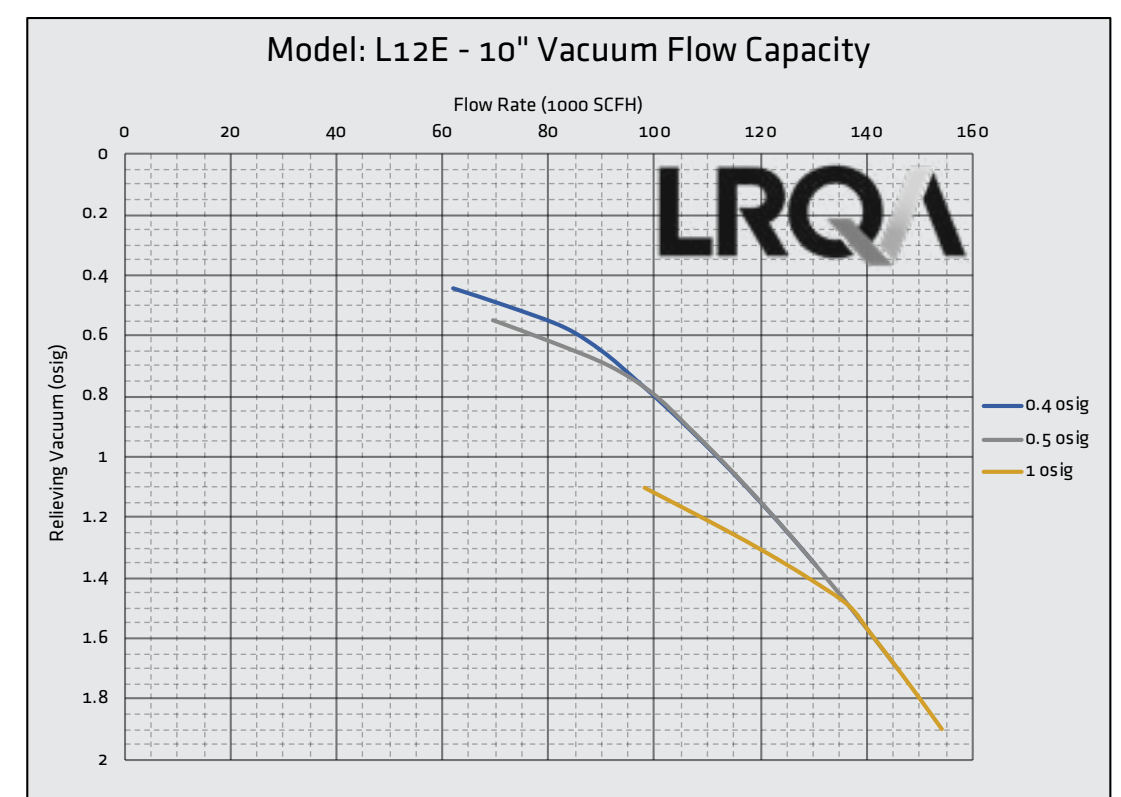
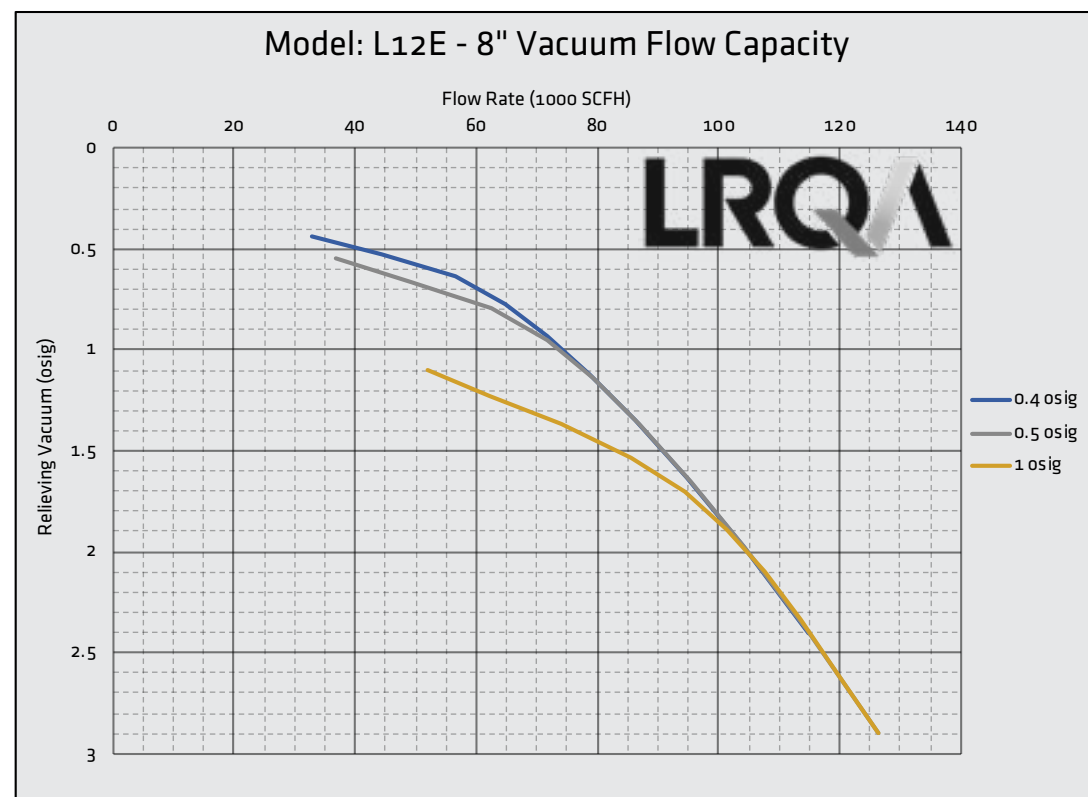
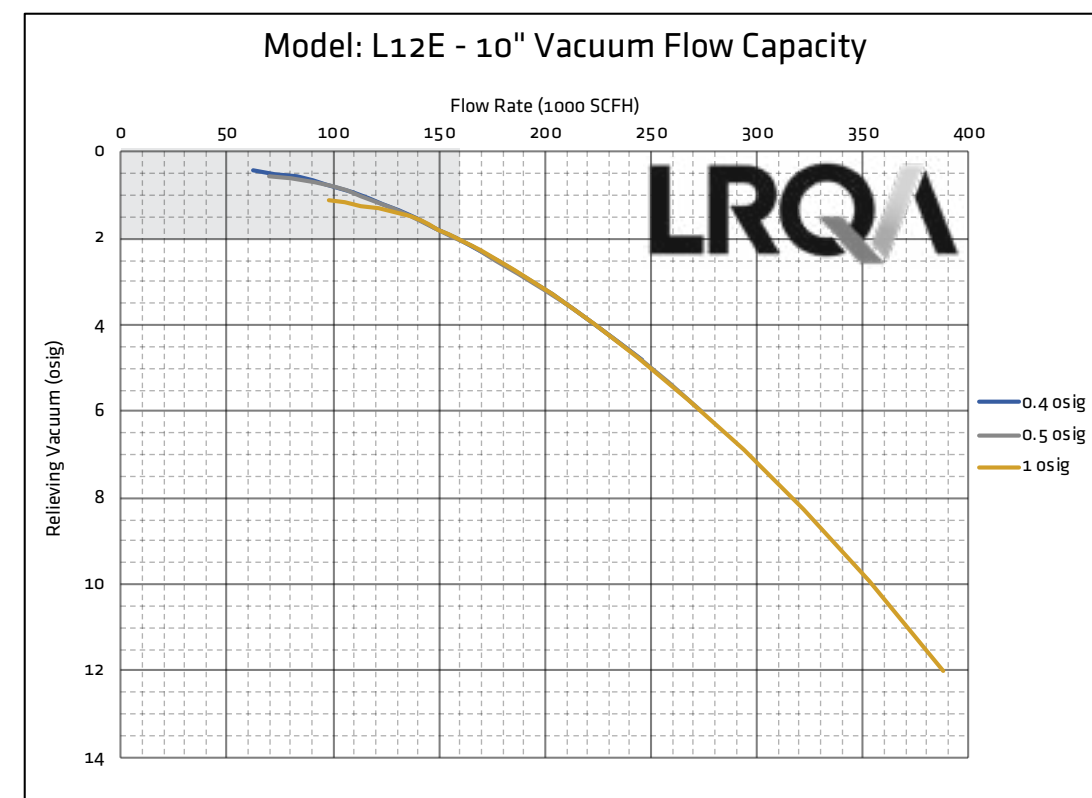
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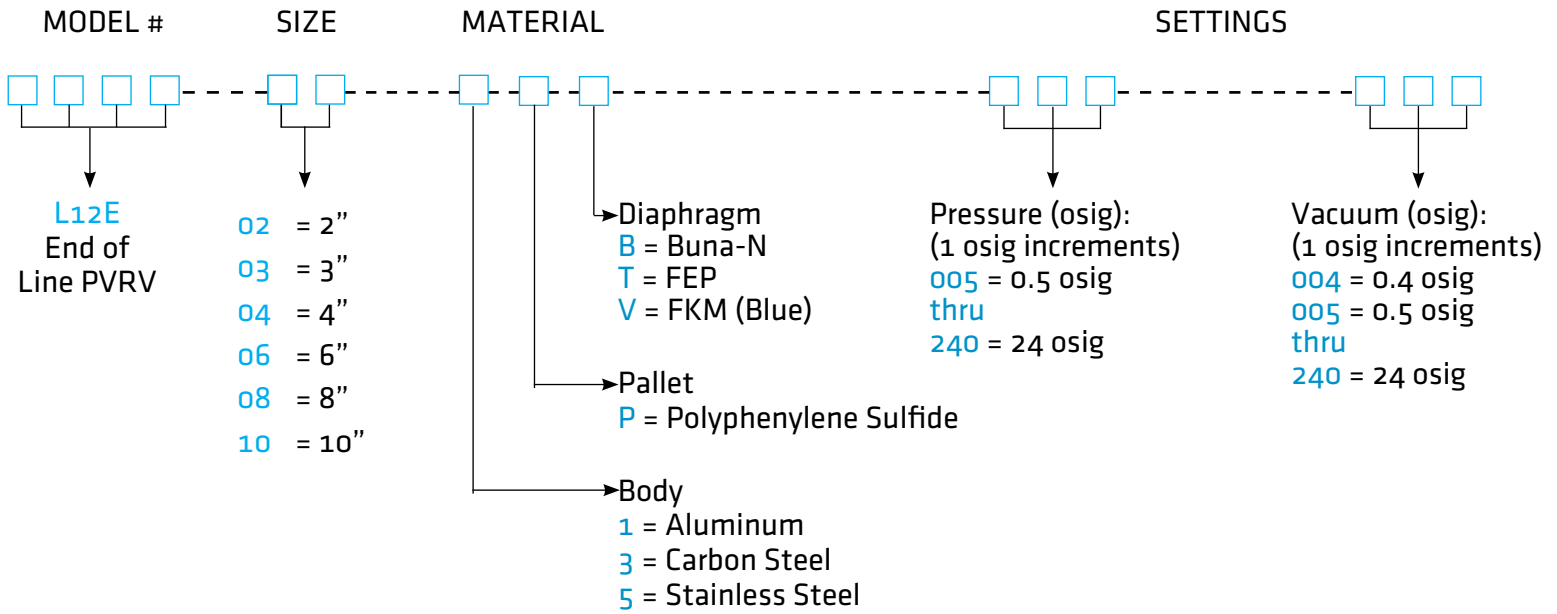


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HOW TO ORDER

For easy ordering, select proper model numbers



Notes

- Include model number and setting when ordering
- For special options, consult factory

Example

L 1 2 E - 0 6 - 1 - P - V - 0 0 5 - 0 0 5

Indicates a 06" Model L12E with Aluminum base, PPS pallet, Blue FKM Diaphragm, 0.5 osig pressure setting, 0.5 osig vacuum setting



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