

High Pressure / High Temperature Industrial / Commercial Pounds-to-Pounds Regulators X1584V™, X1586V™, and X1588V™ Series

Application

Designed to reduce LP-Gas container pressures to between 3 and 50 PSIG. Ideal for crop drying, heat treating, asphalt batch mixing and other large industrial and commercial load application utilizing high temperature LP-Gas or high temperature atmosphere under conditions up to 300°F. Also ideal as a first stage regulator in large multiple operations.

Features

- Special diaphragm and seat materials are suitable for up to 300°F. temperatures.
- Large nozzle and straight through flow provides high capacity and resistance to freeze ups.
- Suitable for both liquid and vapor service.
- Can be fitted with high pressure gauge in 1/4" F. NPT port. RegO recommends that these gauges use silver braze rather than soft solder construction.

Materials

Body Forged Aluminum
 Bonnet Die Cast Aluminum
 Spring Stainless Steel
 Diaphragms Integrated Fabric and Synthetic Rubber
 Seat Discs High Temperature Resilient Composition
 Backup Seal High Temperature Resilient Composition

Ordering Information

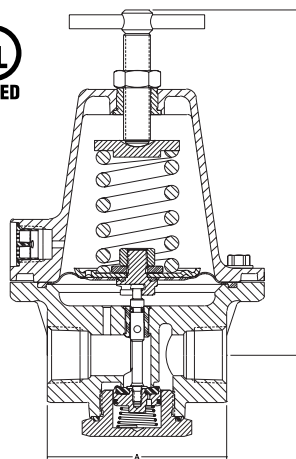
Part Number	Service	Adjustment Method	A	B	Inlet & Outlet Connections	Recommended Delivery Pressure Range (PSIG)	Capacity Determined at Set Pressure of PSIG*	Capacity BTU/hr. Propane**
X1584VN	LP-Gas	Tee Handle	2 7/8"	8 7/8"	1/2" F. NPT	3-30	20	7,000,000
X1584VL						25-50	30	10,000,000
X1586VN			3 5/16"	6 7/8"	3/4" F. NPT	3-30	20	7,500,000
X1586VL						25-50	30	14,000,000
X1588VN					1" F. NPT	3-30	20	7,500,000
X1588VL						25-50	30	14,000,000

* Set pressure is established with 100 PSIG inlet pressure and a flow of 500,000 BTU/hr. propane.

** Capacity determined at 100 PSIG inlet, set pressure noted on chart at 20% drop.

NOTE: Care must be taken to prevent re-liquefaction of propane at normal temperatures by heat tracing or other effective means. Use of a relief valve upstream or downstream of these regulators is recommended in accordance with NFPA 58.

X1584VN, X1584VL, X1586VN, X1586VL, X1588VN, and X1588VL are Trademarks of ECI LLC.



X1584™



Vapor Relief Valves 3139 Series

Application

Designed for use as a relief valve on high pressure regulators to comply with NFPA 58 5.1.1 "High-pressure regulators with a rated capacity of more than 500,000 BTU/hr where permitted to be used on two stage systems shall incorporate an integral relief valve or shall have a separate relief valve."

Features

- Pop-action design keeps product loss to a minimum.
- Suitable for use downstream of 1580™ series regulators on vapor systems to comply with NFPA 58 requirements.
- Install a tee downstream from the regulator outlet to ensure maximum flow from the relief valve.
- Brass body and seat disc assembly.



3139-18 3139-26 3139-38



Part Number	Set Pressure	Regulator Settings	Connection Size	Height	Width	Flow Capacity at 120% of Set Pressure (SCFH Propane)	Pipe Away Adapter
3139-18	18 PSIG	10 PSIG	1/4" M. NPT	2 27/32"	1 1/16"	1357*	B-009412-2B
3139-26	26 PSIG	15 PSIG				1725**	
3139-38	38 PSIG	20 PSIG				2304***	
3139-50	50 PSIG						

* Flow recorded at 21.6 PSI inlet pressure for this valve. ** Flow recorded at 31.2 PSI inlet pressure for this valve. *** Flow recorded at 45.6 PSI inlet pressure for this valve.