

# 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 ¼" 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

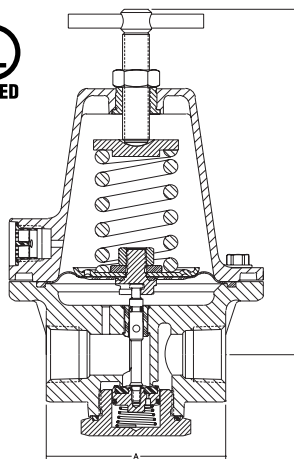
## Ordering Information

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 3/8"	½" F. NPT	3-30	20	7,000,000
X1584VL						25-50	30	10,000,000
X1586VN			3 5/16"	6 7/8"	¾" 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.



**X1584**

