

## COMMERCIAL/INDUSTRIAL DIRECT-OPERATED HIGH PRESSURE REGULATORS



TYPE 627



TYPE 630

For Commercial and Industrial high-pressure applications like factories, office building, restaurants, etc., Regulator Technologies has a wide variety of products. For ease of reference, only the most popular commercial and industrial regulators are shown in these pages. Other orifice sizes, body sizes, and outlet pressure ranges are available. The higher capacities on commercial and industrial installations usually require a Two-Stage regulator system.

**Note: Because of various spring ranges and orifice sizes, all commercial and industrial regulators should be individually sized for the particular installation. Consult specific product bulletins for maximum pressure ratings. Contact your local LP-Gas Equipment Distributor for assistance.**

**Types 627 and 630** – Large capacity direct-operated high pressure regulators designed for loads up to 10 700 000 and 14 000 000 BTU per hour / 120 and 157 SCMH, respectively. The Types 627 and 630 are normally used in conjunction with Type CS400 units, however, they can also be used on Final-Stage (pounds to pounds) service. Additional overpressure protection is recommended to prevent excessive build-up in the downstream line. The diaphragm case and body of the Type 627 can be rotated in four positions to allow easy installation. Additional configurations of the Type 627 with internal relief and control line connections for monitor systems are available. For both the Types 630 and 627, additional pressure ranges and orifice sizes are available.

**Note: Types 627 and 630 regulators do not have an internal relief and should be installed with additional/external overpressure protection. These units should not be installed as part of a 2-stage system in fixed piping serving 14-inches w.c. / 35 mbar appliance systems unless additional overpressure protection is installed that will make the system compliant with NFPA 58 requirements for a 2-stage system. Please consult with your LP-Gas Equipment Distributor for more information.**

**Flanged Bodies** – The Type 630 and Type 627 are available with flanged bodies. Flanges are available for 2-inch CL300 FF.

**Overpressure Protection** – The Type 627 is also available in monitor configurations. Note that the Type 627 monitor regulators have unique type numbers. For more information on monitor overpressure protection, see Page 42.

**Fluorocarbon Trim** – The Type 627 is available with Fluorocarbon (FKM) Trim for high temperature applications such as vaporizers. Part numbers are listed below with a 'V' suffix.

**Type 1301F** – The proven reliability and accurate regulation of the Type 1301F regulator makes it ideal for numerous high-pressure drop applications. This multi-purpose regulator can be used as pilot supply or pressure-loading regulators where high-pressure operating medium must be reduced for use by gas regulator pilots or pressure-loaded regulators.