

# RB1700 Series Regulator

Medium Duty Commercial & Industrial Regulator



The RB1700 regulator is designed for commercial applications: industrial boilers and furnaces, appliance pressure regulation, secondary regulation of plant distribution piping, and all installations with continuous consumption and rapid flow rate variations, such as burners, industrial ovens, boilers, etc. Suitable for installing in cabinets, as a space saving regulator.

## Description

The RB1700 employs a direct-acting, spring-loaded regulator. The balanced valve design ensures a constant outlet pressure when the upstream pressure varies. This eliminates the need for orifice size changes arising from the different inlet pressure ranges.

## Benefits

- » Accurate regulation
- » High flow accuracy
- » Fast response
- » Easy maintenance
- » Compact size
- » Rugged construction for durability
- » Balanced valve design eliminates inlet pressure effect
- » Wide range of outlet pressure
- » Horizontal or Vertical mounting

## Features

- » Interchangeable adjustment spring
- » Balanced valve design
- » Downstream control
- » Direct acting spring loaded design
- » Over pressure shut-off (OPCO) available
- » Under pressure shut-off (UPCO) available

## Limited Warranty

ROOTS Regulators are subject to the terms and conditions of the Natural Gas Solutions North America, LLC General Terms & Conditions For Sale of Products, Parts and Services, and no other terms shall apply, unless agreed upon by the parties in writing. The Natural Gas Solutions North America, LLC General Terms & Conditions For Sale of Products, Parts and Services can be found on the Dresser Utility website: [dresserutility.com/forms-questionnaires-and-terms-conditions-sale](http://dresserutility.com/forms-questionnaires-and-terms-conditions-sale).

## Ordering Information

Specify:

1. Inlet and Outlet Connection Size and Type
2. Model Number
3. Outlet pressure desired
4. Pilot needed
5. Inlet pressure range
6. Type of gas and maximum capacity required
7. Assembly position number (see chart below)
8. Special requirements such as tagging, 1/8" pipe plug tap, seal wire, etc.

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