



# WINSTON / ROYAL GUARD CORPORATION

## Filter Cartridge

### WMGL536 Series (0.3 and 1 micron ratings)

The WMGL536 Series microglass filter cartridges are many times furnished in the Winston/Royal Guard type 150 Filter Separator for optimum removal of liquid and solid contaminants. Natural gas laden with liquids and solid particulate enters the filter separator where solids such as rust, scale, and dust are captured by the cartridges. Passing through the cartridges in an outside-to-inside flow path, aerosol and larger entrained liquids coalesce into droplets large enough to be easily removed from the gas stream by the separator element.

The cartridge employs a depth type graded density microglass media supported by a steel core. To provide the best structural integrity, the steel core is mechanically bonded to the end caps. Each cartridge has a closed end with a center hole for mounting, and an open end complete with a Buna N gasket for sealing (other gasket materials are available). The standard material for both the core and caps is tinned steel with stainless steel as an option. The exterior of the cartridge is wrapped with a protective cotton sock.

#### BENEFITS:

- Maximum dirt-holding capacity and coalescing of liquids.
- Robust metal support core can withstand differential pressure over 50 P.S.I.
- Low pressure drop.
- High efficiency at an economical cost.

#### OPERATION SPECIFICATIONS:

- **FLOW DIRECTION** is outside to inside.
- Available in 0.3 or 1 micron ratings at 99.9% efficiency (beta 1000).
- Recommended differential pressure for element change-out is 15 P.S.I.
- Maximum operating temperature is 275° F.
- Minimum operating temperature is 35° F.

**STANDARD DIMENSIONS:** 36" LENGTH -- 5 ½" O.D.

#### STANDARD PART NUMBERS AND MICRON RATINGS:

- **WMGL536 (0.3)** for 0.3 micron and tinned steel core and end caps.
- **WMGL536 (1)** for 1 micron and tinned steel core and end caps.
- Add "-304" or "-316" to model number for stainless steel core and cap option.

**FOR: TYPE 150 FILTER  
SEPARATORS**



Specifications are subject to change without notice. 4-2-2019 (supersedes 1-23-2019)

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