



# WINSTON / ROYAL GUARD CORPORATION

## Dry Gas Particulate Filter Cartridge

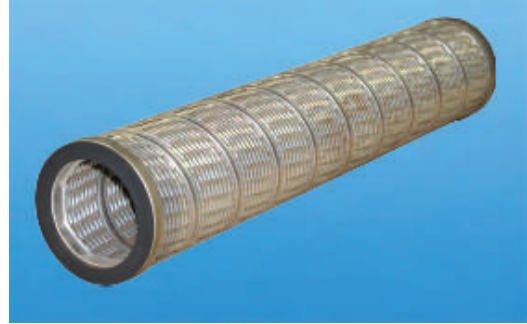
FOR TYPE 65 DRY GAS FILTER

### WP-L436b Pleated Series

WP-L436b1 -- 1 Micron (beta 1000)

WP-L436b5 -- 1 Micron (beta 5000)

WP-L436b Series pleated media filter cartridges are recommended in the type 65 Dry Gas Filter for longer service life and efficient capture of rust, pipe scale, and dust.



Providing a much greater surface area than a depth type filter, the pleated media cartridge is an excellent choice for expected high solids loading applications with the benefit of lower operating pressure drop and less frequent cartridge change-outs. For maximum efficiency these cartridges are rated to either:

- beta 1000 (99.9% removal of 1 micron and larger solid particles)
- beta 5000 (99.98% removal of 1 micron and larger solid particles)

Available in either polypropylene or polyester pleated filter media, these cartridges have uniform pore openings to maintain particle size capture efficiency. The filter media is supported by tinned steel cores inside and out and a tinned steel end cap with bolt hole covers one end. Stainless steel cores and end cap are optional. Buna-N gaskets are standard.

#### BENEFITS:

- Longer service life between filter cartridge change-outs resulting in lower maintenance costs and reduction in lost gas revenues.
- Pleated media offers greater surface area and lower pressure drop.
- Excellent solids retention with efficiency rated to beta 1000 or beta 5000.
- Robust metal support cores can withstand a high differential pressure (collapse pressure is approximately 75 PSI).

#### OPERATION SPECIFICATIONS:

- **FLOW DIRECTION** is outside to inside.
- 1 micron rating.
- Recommended differential pressure for cartridge change-out is 15 PSI.
- **WPPL436b1** (beta 1000) or **WPPL436b5** (beta 5000) with **polypropylene** pleat.  
Maximum operating temperature.... 180° F.  
Minimum operating temperature.....35° F.
- **WPPL436b1** (beta 1000) or **WPPL436b5** (beta 5000) with **polyester** pleat.  
Maximum operating temperature.... 250° F.  
Minimum operating temperature.....0° F.

**STANDARD DIMENSIONS:** 36" LENGTH -- 4 1/2" O.D.

Specifications are subject to change without notice. 10-1-2018

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