

## Cartridge filters from bg-filtration – efficient top-mounted filters for containers and silos.

Whether as a single cartridge for aspiration applications in offline operation or with multiple cartridges for continuous filtration, our cartridge filters guarantee clean processes with minimal effort. Benefit from maximum process reliability, long-lasting quality and low-maintenance operation – for smooth and economical filtration.



### Features:

- > Compact design for maximum filter area
- > Housing diameter 315 to 900
- > All metal parts made of 1.4301 stainless steel
- > With integrated cleaning system
- > With differential pressure control
- > Filter media ePTFE membrane, antistatic, food-grade
- > Raw gas side installation via maintenance door
- > Pressure shock resistant design for +1 bar
- > ATEX compliant for installation in Zone 22

### Optional:

- > Design in painted normal steel
- > Gas-tight design with flange connections
- > With built-in support fan
- > Adaptation cone
- > ATEX compliant for installation in Zone 2



## Overview of cartridge filters with cartridges D 115, D 160, and D 327



Type	Housing Ø	Cartridge Ø	Cartridge length	Cartridges	Filter area	Total height
R1P	D 315	160 mm	602 mm	1	1,6 m <sup>2</sup>	900 mm
R1P	D 315	160 mm	902 mm	1	2,7 m <sup>2</sup>	1200 mm
R1P	D 315	160 mm	1202 mm	1	3,3 m <sup>2</sup>	1500 mm
R3P	D 315	115 mm	602 mm	3	3 m <sup>2</sup>	900 mm
R3P	D 315	115 mm	902 mm	3	4,8 m <sup>2</sup>	1200 mm
R3P	D 315	115 mm	1202 mm	3	6 m <sup>2</sup>	1500 mm
R6P	D 400	115 mm	602 mm	6	6 m <sup>2</sup>	900 mm
R6P	D 400	115 mm	902 mm	6	9,6 m <sup>2</sup>	1200 mm
R6P	D 400	115 mm	1202 mm	6	12 m <sup>2</sup>	1500 mm
R3P	D 500	160 mm	602 mm	3	4,8 m <sup>2</sup>	900 mm
R3P	D 500	160 mm	902 mm	3	8,1 m <sup>2</sup>	1200 mm
R3P	D 500	160 mm	1202 mm	3	9,9 m <sup>2</sup>	1500 mm
R9P	D 500	115 mm	602 mm	9	9 m <sup>2</sup>	900 mm
R9P	D 500	115 mm	902 mm	9	14,4 m <sup>2</sup>	1200 mm
R9P	D 500	115 mm	1202 mm	9	18 m <sup>2</sup>	1500 mm
R1P	D 500	327 mm	602 mm	1	10 m <sup>2</sup>	1100 mm
R1P	D 500	327 mm	902 mm	1	13 m <sup>2</sup>	1400 mm
R1P	D 500	327 mm	1202 mm	1	16 m <sup>2</sup>	1700 mm
R3P	D 900	327 mm	602 mm	3	30 m <sup>2</sup>	1100 mm
R3P	D 900	327 mm	902 mm	3	39 m <sup>2</sup>	1400 mm
R3P	D 900	327 mm	1202 mm	3	48 m <sup>2</sup>	1700 mm