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# G50 Series Compressed Air Filters

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**Part # G11/50ZP**



High efficiency compressed air filters for industrial applications requiring pressures of up to 50 barg.

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## Technical Specifications

Division:	Gas Separation and Filtration Division EMEA	Filter Efficiency Rating:	99.925%
Filter Type:	General Purpose Coalescing and Dry Particulate	Connection Type:	BSPP
Maximum Flow Rate:	750 m <sup>3</sup> /h @ 7 barg (441 cfm @ 102 psig)	Materials of Construction:	Die Cast Aluminium
Brand:	Parker	Drain:	Manual Drain
Micron Rating:	Down to 1 micron	Operating Pressure:	20 to 50 barg (290 to 725 psig)
Technology:	Filtration	Operating Temperature:	2°C to 80°C (35°F to 176°F)
Product Type:	Compressed Air Filter	Compatible Element:	2020ZP
Port Size:	1"	Element Change Interval:	12 months or 6000 hours
Product Series:	G50 Series	Specifications Met:	PED 2014/68/EU Fluid Group. II.
Application:	Compressed Air and Nitrogen Gas Applications Industrial Manufacturing Equipment Food & Beverage	Height:	450 mm (17.7 inch)
Industry:	Automotive Electronics Pharmaceuticals Medical & Dental	Width:	130 mm (5.1 inch)
		Weight:	4.9 Kg (10.9 lbs)

[Safety Warning](#)

## Item Information

Most industrial compressed air applications operate at pressures around 7, 10 or 13 bar g and purification equipment is typically designed around these operating pressures. There are however, applications that require higher operating pressures (which also leads to increased concentration of many contaminants).

The Parker GH50 Series Intermediate Pressure filter range is available in multiple filtration grades to cover all filtration requirements, including general purpose and high efficiency coalescing grades, general purpose and an oil vapour reduction grade.

### Features

- Meets the requirements for delivered air quality shown in all editions of ISO8573-1, the international standard for compressed air quality
- Pleated filter element – Coalescing & Dry Particulate filter media is constructed to reduce air flow velocity and pressure loss whilst providing increased dirt holding capacity, and improved filtration efficiency



Filter element is secured by tie-rod to ensure element is held in place, even with pressure pulsations commonly experienced with piston



For more information or a detailed discussion about your specific requirements please contact Parker or an authorised Parker distributor.

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