

Compressed Air Quality Guarantee Product Guarantee

Parker domnick hunter filters have been designed to provide compressed air quality that meets or exceeds levels shown in all revisions of ISO8573-1, international air quality standard.

Water Separators – Grade WS

Water Separator performance has been tested in accordance with ISO 8573-9. Water Separators provide high removal efficiency of bulk condensed water and liquid oil. Water Separators are used to protect coalescing filters from bulk liquid contamination.

Coalescing Filters – Grades ZLP & XLP

GL Plus coalescing filter performance has been tested in accordance with ISO 12500-1:2007 and independently verified by Lloyds Register. Coalescing filter performance is guaranteed for 12 months when sized, installed, operated and serviced in accordance with Parker domnick hunter recommendations. The filter performance guarantee can be extended by replacing the filter element and consumable parts annually.

Dry Particulate Filters - Grades ZLP & XLP

GL Plus dry particulate filter performance has been tested in accordance with ISO 8573-4:2001 and independently verified by Lloyds Register. Dry particulate filter performance is guaranteed for 12 months when sized, installed and operated in accordance with Parker domnick hunter recommendations. The filter performance guarantee can be extended by replacing the filter element and consumable parts annually.

Oil Vapour Removal Filter – Grade AP

GL Plus oil vapour removal filter performance has been tested in accordance with ISO 8573-5:2001 and independently verified by Lloyds Register. The lifetime of oil vapour removal filter elements is affected by the inlet oil vapour concentration, bulk oil, temperature, relative humidity or dewpoint of the compressed air and compressor oil changes and will vary from system to system. For critical applications or systems where frequent element changes are not possible, Parker domnick hunter OVR II oil vapour removal systems should be installed.

Die-Cast Aluminium & Fabricated Carbon Steel Filter Housings

All filter housings are protected by an anti corrosion treatment and a tough external coating. All housings are guaranteed for 10 years under normal recommended use.

Conditions

1. GL Plus Filters are depth filters and are not absolute rated. ZLP Grade Efficiency is minimum 99.925 %. XLP Grade Efficiency is 99.9999 %.
2. Filtration performance has been independently tested in accordance with the requirements shown in the standards for oil aerosol (ISO 12500-1:2007), particulate (ISO 8573-4:2001) and oil vapour (ISO 8573-5:2001) and at a temperature of 21 °C.
3. The system pressure and operating temperature of the compressed air system will affect the oil carryover performance of a coalescing filter, and site conditions /test method must be accounted for during on site air quality testing.
4. The lifetime of AP oil vapour removal filter elements is affected by the pressure, oil concentration, relative humidity and temperature of the compressed air and will vary from system to system.
5. Combinations of filters will be required to achieve the highest quality classifications required by ISO 8573-1:2010.
6. ZLP filters should be protected from bulk liquid contamination using a grade WS water separator (installation dependant).
7. XLP filters must be preceded by an ZLP filter.
8. AP / OVR II filters must be preceded by coalescing pre-filtration for oil/water aerosol removal.
9. ZLP performance based upon a maximum inlet concentration of 40 mg/m³ of oil aerosol at 21 °C.
10. XLP performance based upon a maximum inlet concentration of 10 mg/m³ of oil aerosol at 21 °C.
11. AP performance based upon a maximum inlet concentration of 0.018 mg/m³ of oil vapour at 21 °C.
12. OVR II performance based upon a maximum inlet concentration of 0.05 mg/m³ of oil vapour at 21°C.
13. Installation and operation of the compressed air system must be in accordance with all relevant suppliers' maintenance recommendations.
14. Only genuine Parker domnick hunter replacement parts may be used in any service/repair or all guarantees will be deemed invalid.
15. Installation & service data must be supplied with any guarantee claim.
16. Housing guarantee does not cover consumable parts, normal wear and tear nor any deterioration or defect due to improper use, negligence, accidental or malicious damage. Performance guarantee restricted to replacement of filter elements only and does not cover consequential losses.

INTERNATIONAL APPROVALS



ASME VIII National Board



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