



Tornado 602

Self Cleaning Filters



The Tornado Model 602 is a continuously self-cleaning filter that protects analysers from particulate in liquid samples.

In normal operation, components of interest flow through the Tornado's element to the analyser. Contaminants are shed by the element and removed through the Bypass port. The G.U.T.S.[™] (Genie Ultimate Thermoplastic Seal) gasket is an excellent alternative to expensive elastomers.

Remove Liquid Flow from Samples

It withstands radical temperature cycles without leaks due to its ability to maintain a bubble-tight seal even when thermocycled repeatedly from 0-173°C.

Easily Accessible Membrane Maintenance

The multi-layer filter media consists of the support screen and flow screen. This results in more efficiency and easier installation and handling. The elements are self-cleaned by the flow of sample across them.

‘Highly efficient, self-cleaning liquid bypass filters!’

KEY BENEFITS

- Protection against liquids
 - On-line and portable analysers
 - GC's, Mass Specs, O₂, H₂S, Moisture, and others
- Superior analyser protection
- Quick and easy membrane inspection
- Spot, composite, or continuous gas sampling in any process industry including natural gas, petrochemical, and oil refining

TECHNICAL SPECIFICATION

PRESSURE RATINGS

- Maximum pressure rating: 1500 psig
- Maximum recommended supply pressure:
Lowest possible pressure consistent with application

MAXIMUM TEMPERATURE

- 173°C

DIMENSIONS

- Port sizes: Inlet, Outlet, & Bypass: 1/2" female NPT

FLOW RATES

- Minimum bypass flow rate: 1.5 gal/min

WETTED MATERIALS

- Machined parts: 316 stainless steel / NACE compliant
- All other metal parts: stainless steel / NACE compliant
- Sealing material: Fluoroelastomer standard
- Membrane: Inert

PART BUILDER

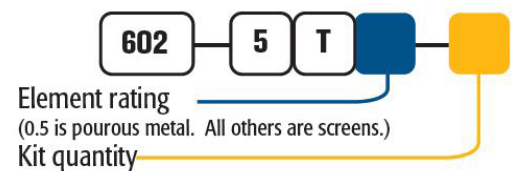
MODEL NUMBERING & ADDITIONAL PART NUMBERS

Element rating	0.5 = 0.5 micron	2 = 2 micron	10 = 10 micron	25 = 25 micron	50 = 50 micron
Kit quantity	Blank = Kit of 5		1 = Kit of 1		
Mounting bracket accessory	Part # 602-509-SS (sold separately)				

How to build the model number:



How to build the replacement filter element assembly and seal kit part number:



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