



Nitrogen Dioxide Gas
DC Filter with ESLI Inline
(PN: 7452)



SPECIFICATIONS



Nitrogen Dioxide DG Filter 7452 Specification

1. Application

The Hydrazine DG Filter (PN: 7452) is an inline filter with real-time end-of-service life indicators (ESLI) designed to adsorb nitrogen dioxide gas. The ESLIs change color alerting user to replace the exhausted filter. Not suitable for liquid filtration.

2. Specifications

a. Weight:	32g (1.6oz)
b. Dimensions:	89.9mm (3.5in), diameter 24.5mm (1.0in)
c. Inlet & outlet dimensions:	½" MNPT
d. Operating temperature:	-20°C to 40°C (-4°F to 104°F)
e. Operating humidity:	5% RH to 80%RH
f. Sorption Media weight:	0.2-0.28oz (6-8g)
g. Sorption Media:	Treated carbon
h. Sorption Media Size:	40x60 (US Mesh)
i. Allowed fluid:	Gases and Vapors
j. Target Substance:	Nitrogen dioxide
k. Ideal air flow:	Static to 3-5 cc per minute
l. ESLI minimum detectable limit:	0.1ppm-hr. at 1 cm/min face velocity
m. ESLI color change:	Off white to dark gray
n. Storage temperature:	4°C to 25°C, (39°F to 77°F)
o. Shelf life:	1 years at 4°C to 25°C, (39°F to 77°F)
p. Service life:	1 year

2 Instructions

- Ensure that packaging pouch is intact.
- Open packaging pouch by tearing off the top part from one of side notches.
- Remove the filter from the packaging pouch.
- Remove the protective red plugs to activate the filter.



- Ensure that air flow is in the same direction as the air flow arrows on the filter.
- Replace filter when ESLIs change color.



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