



Nylon 770 Emission Series Housings

Features

- Filter Emission Gases
- Low Cost, Corrosion Resistant Filter Housings
- Complete Nylon Construction, No Metal Contact Surfaces
- Replaceable Elements For Low Running Costs
- Durable, Threaded Head to Bowl Connection
- Accepts Disposable Microfiber Elements

Applications

- Engine Emission Testing
- Portable Analyzer Protection
- Ideal Dual Stage Compressed Air Filter

The 770 series is specifically designed for gasoline engine analysis with a coalescing pre-filter and particulate final filter in one housing. The assemblies are designed so that the inlet, outlet and drain connections do not need to be broken in order to service the elements. The 770 series replaces the usual two housing set-up, thus, shortening lag time, allowing fewer connections, easier maintenance, and reducing cost. However, if a two housing set up is still required, we do offer the traditional all nylon "T" type housing. See "Plastic Filter Housings".



The 707 & 778N requires one coalescing element and one particulate element.

The 745N (1/4) and 746N (1/2) are single element assemblies which accept an industry standard size and grade of element to ensure they are completely interchangeable. These housings are ideal for portable emission systems since they have a small footprint and low internal volume (108cc). Based on the 750N design the short bowl 745N/746N are mounted in the traditional T-type format.

Housing Model	745N	746N	707	778N
Port Size (NPT)	1/4"	1/2"	1/4"	1/4"
Drain (NPT)	No Drain	No Drain	1/8"	1/8"
Maximum Pressure (psig)	100	100	100	100
Internal Volume (cc)	108	108	60	115
Principle Dimensions: (inches)				
Port to Top of Head	0.61	0.61	0.59	0.59
Head Diameter	2.72	2.72	1.73	2.36
Overall Length	4.75	4.75	3.54	4.53
Element Removal Clearance	3.07	3.07	2.36	2.75
Maximum Temperature (120°F) Standard Viton O-Ring	GV745	GV745	GV707	GV778N
Filter Element Codes: Coalescing / Particulate Element (One of Each) *Other Elements Available- View Drawing*	25-64-□	25-64-□	12-25-80C / 12-32-60K	25-35-80C / 25-30-60K
Drawing **For More Detail & Options**	745N	746N	707	778N

