

Unparalleled Delivery Performance

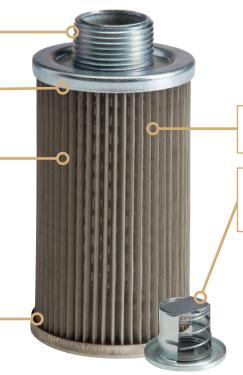
H7 Series Male Suction Strainers

Plated steel end cap.

Cap assembly epoxy bonded to body for superior strength.

Pleated stainless wire cloth provides excellent flow with minimum pressure drop. Choice of mesh sizes.

Sides of end caps are tapered to enhance epoxy bonding.



Inner perforated steel support tube for greater rigidity.

Optional 3 or 5 PSI relief valve prevents failure should screen become clogged with debris.

Benefits

- Reliable, low-cost filtering of petroleum based fluids, fire-resistant fluids (phosphate esters and water glycols), lubricating oils, coolants, fuels and water
- Flow rates to 50 gpm

Features

Male NPT steel suction strainers are used in petroleum based fluids, coolants, lubricants, and many process fluids.

Designed as in-tank strainer elements for direct installation into suction lines of pumps; should always be installed below the minimum fluid level of the reservoir.

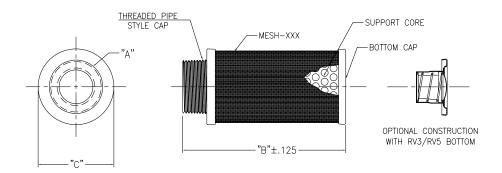
Optional relief valves are available in either 3 PSI or 5 PSI allowing dirty filters to by-pass fluid so your pumps wont burn out.

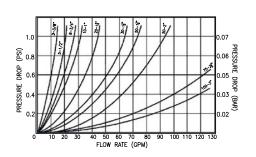
Options

- 3 or 5 PSI bypass
- Custom sizes, screens and adapters

H7 Series Male Suction Strainers

Part Number	GPM	"A" NPT Size	"B" Length	"C" Diameter	Screen Area (SQ-IN)
H7-3-3/8-M	3	3/8	2.45	1.85	35
H7-5-3/4-M	5	3/4	3.68	2.63	68
H7-5-1-M	5	1	3.54	2.63	68
H7-8-3/4-M	8	3/4	3.68	2.63	68
H7-8-1-M	8	1	3.54	2.63	68
H7-10-3/4-M	10	3/4	5.36	2.63	106
H7-10-1-M	10	1	5.23	2.63	106
H7-20-1-M	20	1	6.75	3.38	165
H7-30-1-M	30	1	7.95	3.38	235
H7-30-1-1/2-M	30	1-1/2	8.01	3.38	235
H7-50-2-M	50	2	9.98	3.94	340
All dimensions are	e in inches and	for reference onl	y .		





Filter Mesh: 100 Mesh is Standard

Mesh Suffix XXX	Mesh Opening Microns	Open Area (%)
200	69	29
100	155	36
60	300	41
30	681	64

How to Order: Male 20 GPM 1" 60 mesh with 3 PSI relief valve

Style	GPM	NPT	Male Connection	Mesh	Relief Valve*
H7	20	1	M	60	RV3**

^{*}If no relief valve is required, leave blank

^{**}Relief valve comes in 3 PSI or 5 PSI version