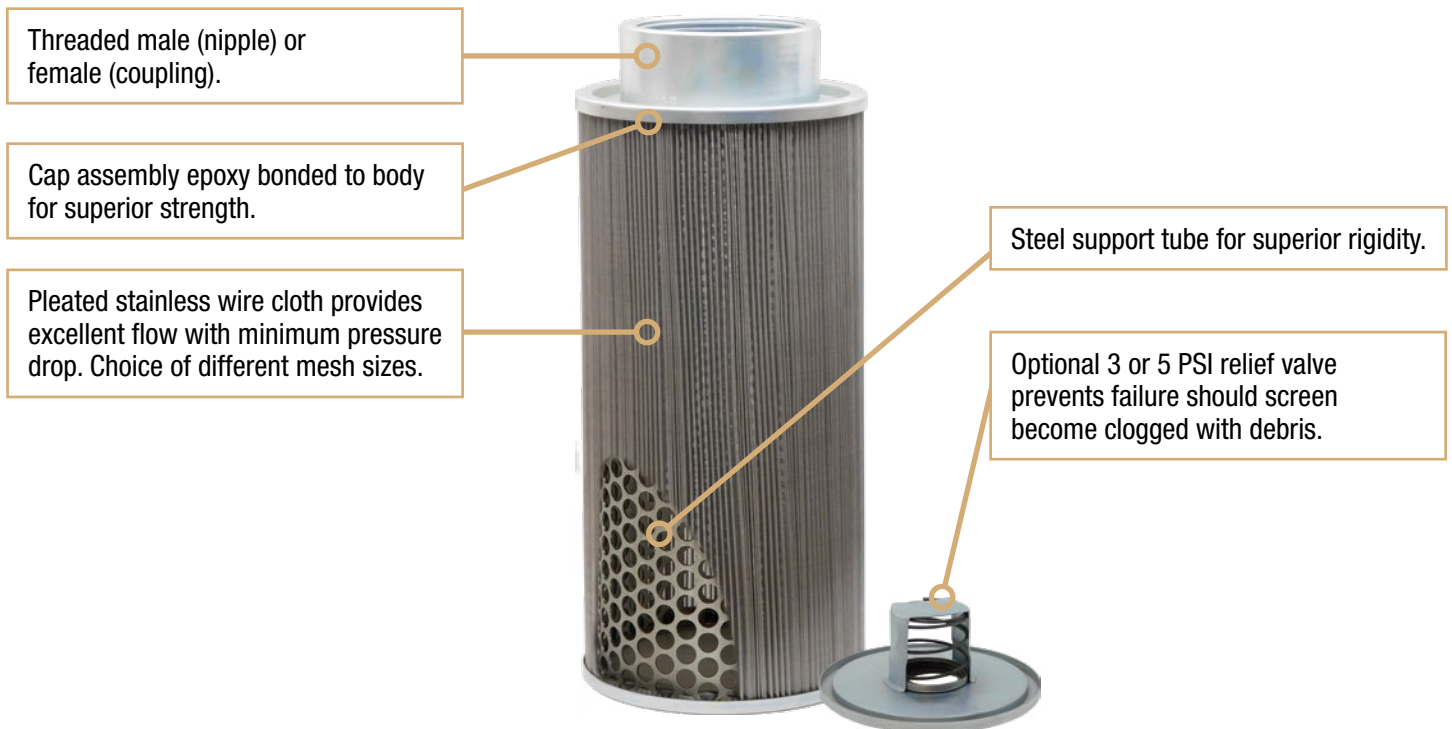


Model "OS" 8.1" Suction Strainers



Threaded male (nipple) or female (coupling).

Cap assembly epoxy bonded to body for superior strength.

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

Steel support tube for superior rigidity.

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

Benefits

Reliable, low-cost filtering of petroleum base fluids, most coolants, some phosphate esters, lubricating oils, and other process fluids.

Features

Plated steel, male (nipple) and female (coupling) used for strength and stability to hold the strainer body to collect large amounts of contaminant. Designed as an in-tank strainer to be installed below the fluid level for maximum effectiveness. Optional bypass valve in either 3 psi or 5 psi for safety factor to protect the pump.

Options

- Bypass valve with either a 3 psi or 5 psi available to allow unfiltered fluid to pass through the strainer until service or replacement is performed.

Model "OS" 8.1" Suction Strainers

8.1" Diameter Model "OS" Order Code

OS-GPM-8.1-* -MESH-Options

Series	GPM	Cap Size	Pipe Style Inch NPT (N) Nipple (C) Coupling	MESH (microns)	Available Options 3 or 5 PSI Relief Valve
OS	200	8.1	3C, 3N, 4C, 4N	30, 60, 100, 200	RV3 or RV5
	300		3C, 3N, 4C, 4N	30, 60, 100, 200	
	400		4C, 4N	30, 60, 100, 200	

How to Order: 400 GPM with 8.1" dia., 4" female coupling, 100 mesh with 5 psi relief valve = OS-400-8.1-4C-100-RV5

Model "OS" Suction Strainer Dimension Table

Flow Rating Based on 150 SUS oil	200 GPM		300 GPM		400 GPM	
Element Area Sq. In. of wire cloth	965		1370		1740	
Nipple or Coupling	Nipple	Coupling	Nipple	Coupling	Nipple	Coupling
Outside Diameter Inches	8.1	8.1	8.1	8.1	8.1	8.1
Overall Length Inches						
With 3" Nipple	11.2		13.7		N/A	
3" Coupling		10.8		13.3		N/A
4" Nipple	13.1		15.6		18.6	
4" Coupling		10.8		13.3		16.3

