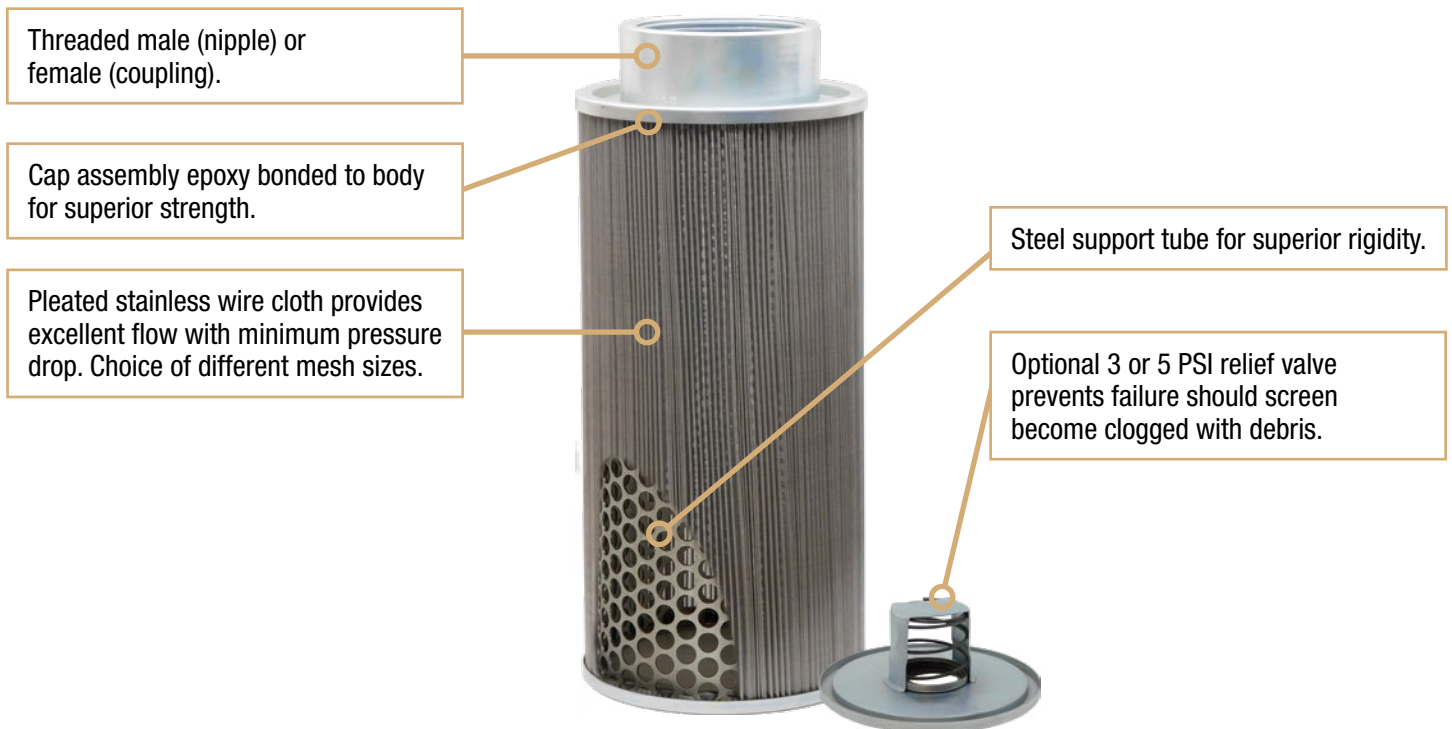


## Model "OS" 5.9" Suction Strainers



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" 5.9" Suction Strainers

## 5.9" Diameter Model "OS" Order Code

### OS-GPM-5.9-\* -MESH-Options

| Series | GPM | Cap Size | Pipe Style Inch NPT<br>(N) Nipple (C) Coupling | MESH<br>(microns) | Available Options<br>3 or 5 PSI Relief Valve |
|--------|-----|----------|------------------------------------------------|-------------------|----------------------------------------------|
| OS     | 200 | 5.9      | 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: 200 GPM with 5.9" dia., 3" male nut, 100 mesh with 5 psi relief valve = OS-200-5.9-3N-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 | 1070    |          | 1340    |          | 1905    |          |
| Nipple or Coupling                 | Nipple  | Coupling | Nipple  | Coupling | Nipple  | Coupling |
| Outside Diameter Inches            | 5.9     | 5.9      | 5.9     | 5.9      | 5.9     | 5.9      |
| Overall Length Inches              |         |          |         |          |         |          |
| With 3" Nipple                     | 13.8    |          | 16.8    |          | N/A     |          |
| 3" Coupling                        |         | 13.4     |         | 16.4     |         | N/A      |
| 4" Nipple                          | 15.7    |          | 18.7    |          | 23.2    |          |
| 4" Coupling                        |         | 13.4     |         | 16.4     |         | 20.9     |

