

## MODEL 707C COALESCER WITH OVERNIGHT DRAIN Part No. 6930

310609D

### Installation

It is always recommended that a Sharpe air filter be installed upstream of the coalescing filter to remove 5 micron and larger size particles and separate large droplets of moisture from the air line.

### Maintenance

Never let the liquid level in the bowl reach the base of the coalescing element.

### Cleaning

To clean, it is not necessary to remove the complete filter from the line. Disassembly is simple and does not require tools. Before disassembly, shut off the air supply and depressurize coalescer. Clean all parts with cleaning solvent and blow out body before reassembly. Replace coalescing element (part no. U23085).

### Pressure Drop Indicator

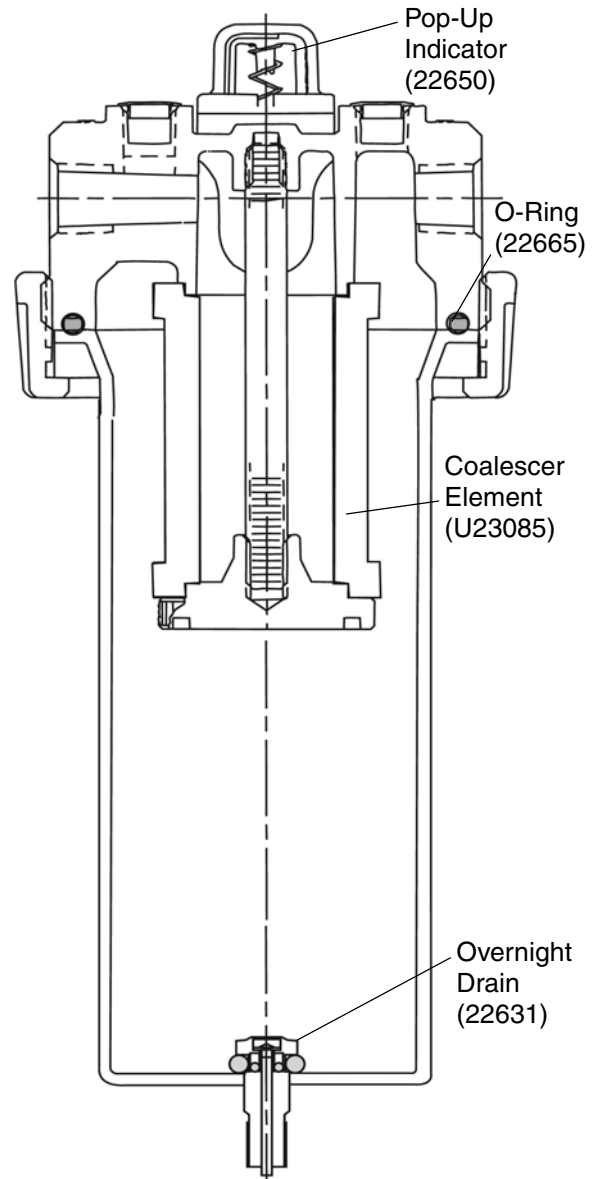
The differential pressure drop indicator on this unit is designed to provide early detection of a clogged coalescing filter element. As the filter element becomes clogged the red indicator will start to rise while air is flowing through the unit. When the pressure drop across the element reaches 10-12 psi (.07-.08 MPa, 0.7-0.8 bar) the red indicator will be in full view and the element should be replaced. Failure to replace the element when the pressure drop exceeds 10 psi (.07 MPa, 0.7 bar) will affect your air quality and tool efficiency.

### Specifications

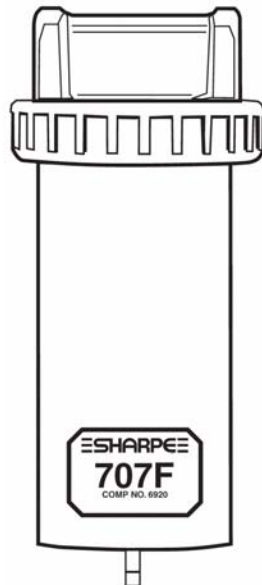
Air Inlet 3/4 in. F.P.T.  
Air Outlet 3/4 in. F.P.T.  
Air Flow Capacity 115 cfm (3.2 m<sup>3</sup>/min.)  
Max. Operating Pressure 175 psi (1.2 MPa, 12 bar)  
Max. Temperature 150°F (65°C)

### Parts

Part No.	Description
22631	Overnight Drain
22665	O-Ring
22650	Pop-Up Indicator Repair Kit
U23085	Coalescer Element



## IN-LINE FILTERS WITH COALESCERS



### Model 707F

#### 3/4 in. In-Line Filter with Overnight Drain (Part No. 6920)

- Removes all liquids (oil and water)
- Filters Particulate down to 5 microns
- Features large REUSABLE filter element
- Disassemble and clean without tools

#### Specifications

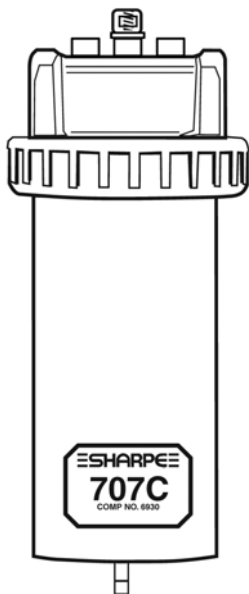
Air Inlet 3/4 in. F.P.T.

Air Outlet 3/4 in. F.P.T.

Air Flow Capacity 300 cfm (8.4 m<sup>3</sup>/min.)

Max. Operating Pressure 175 psi (1.2 MPa, 12 bar)

Max. Temperature 150°F (65°C)



### Model 707C

#### 3/4 in. In-Line Coalescer with Overnight Drain (Part No. 6930)

- Effectively traps fine oil mists and microscopic particles down to .01 microns
- Spin-off bowl and coalescer filter element for quick filter changes without tools
- Includes pressure drop indicator
- Recommended downstream of your refrigerated air dryer

#### Specifications

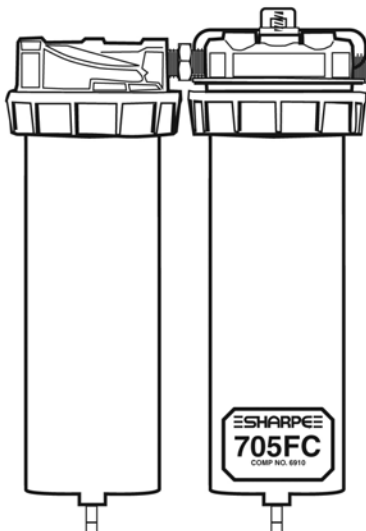
Air Inlet 3/4 in. F.P.T.

Air Outlet 3/4 in. F.P.T.

Air Flow Capacity 115 cfm (3.2 m<sup>3</sup>/min.)

Max. Operating Pressure 175 psi (1.2 MPa, 12 bar)

Max. Temperature 150°F (65°C)



### Model 707FC

#### 1/2 in. In-Line Filter & Coalescer with Overnight Drains (Part No. 6910)

- Designed for use in prep stations
- Clean, dry air without the use of desiccant
- Ideal for protecting moisture sensitive tools
- STAGE 1 provides removal of water and contaminants down to 5 microns
- STAGE 2 provides removal of oil and sub-micronic particles down to .01 microns
- Disassemble and clean without tools

#### Specifications

Air Inlet 1/2 in. F.P.T.

Air Outlet 1/2 in. F.P.T.

Air Flow Capacity 70 cfm (2 m<sup>3</sup>/min.)

Max. Operating Pressure 175 psi (1.2 MPa, 12 bar)

Max. Temperature 150°F (65°C)