

# DUPLEX OIL STRAINERS

## Model 72



The **Model 72 Duplex Oil Strainers** are ideal for duplex fuel oil handling systems and for those applications where the requirement for a continuous supply of oil does not permit interruption of the flow for the routine cleaning of strainer baskets.

- **No Flow interruption for routine cleaning**
- **90° handle movement switches baskets**
- **Handle blocks inadvertent opening of the active side**
- **U.L. listed**

In the Model 72 strainer, oil flows through only one basket at a time. The inactive basket is completely sealed off and may be readily removed. Switching from one basket to the other is accomplished by moving the handle through a 90° arc. There is no obstruction to the flow even when the handle is in the intermediate position. At the end of its travel the handle prevents inadvertent opening of the active side.

Covers are gasketed to assure an air tight seal and are secured with quick-opening clamps for easy basket access. These strainers are suitable for use on the suction side of the oil pumps or for discharge pressures up to 200 PSIG. They are available in the sizes shown in the table with the indicated threaded or flanged connections. All sizes have one-piece cast iron bodies, (ASTM A-126) and are hydrostatically tested to U.L. quality control specifications.

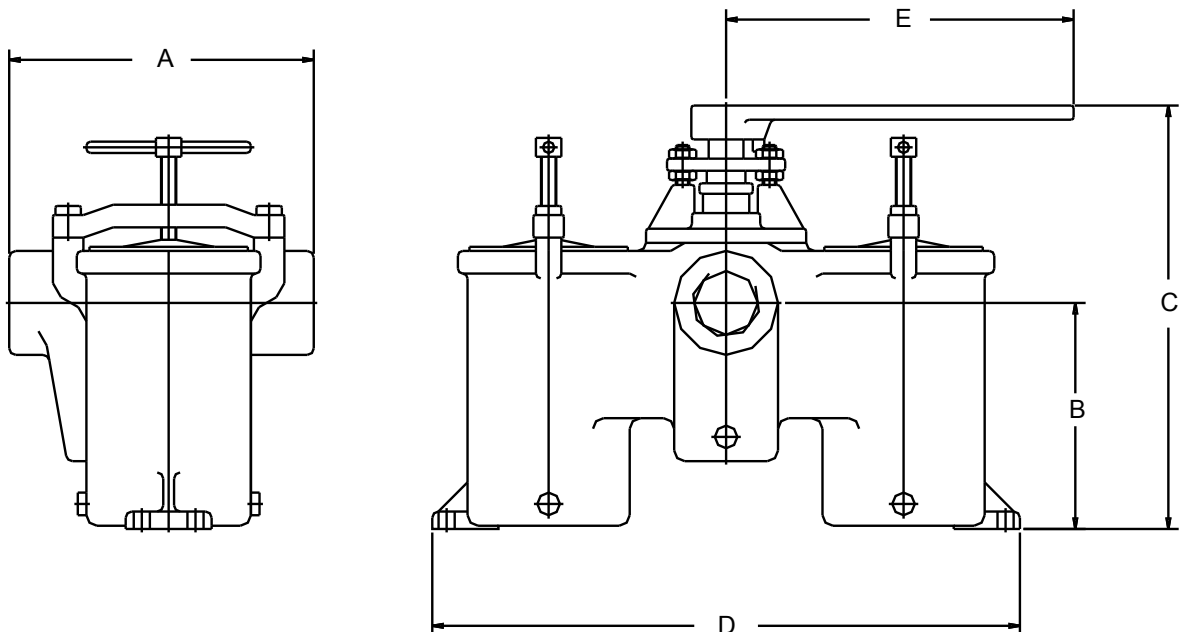
Standard baskets have 1/16" perforations. Mesh lined baskets for smaller particle filtration are available in 40, 60, 100, and 200 mesh construction. Refer to Engineering Data Section for flow and pressure loss data.



Model 72 Duplex Oil Strainer

### Suggested Specifications

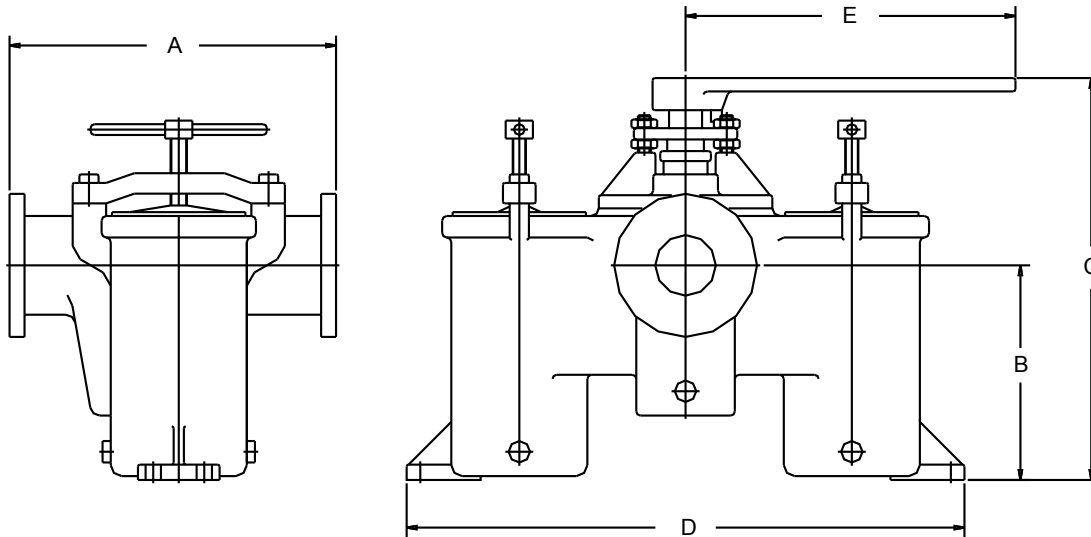
Furnish and install where shown one \_\_\_\_\_" (flanged) (threaded) duplex fuel oil strainer. Strainer shall have one piece cast iron body (ASTM A-126), and shall be hydrostatically tested to U.L. quality control specifications. The strainer baskets shall be constructed of (1/16" perforated, 40 mesh & 100 mesh stainless steel. Strainer shall be Preferred Utilities Mfg. Corp., Danbury, CT, **Model 72**.



Clearance Dimensions, Threaded Strainers

# DUPLEX OIL STRAINERS

Model 72



Clearance Dimensions, Flanged Strainers

## Threaded Strainer Dimensions & Shipping Weight

Catalog Number	Pipe Size	A	B	C	D	E	Weight (lbs)
13133	1"	5.25	5.88	10.13	10.88	8.00	28
13134	1 ¼"	7.75	7.94	14.13	14.00	12.00	46
13135	1 ½"	7.75	7.94	14.13	14.00	12.00	46
13136	2"	10.38	7.50	14.50	20.50	12.00	97
13137	2 ½"	10.38	7.50	14.50	20.50	12.00	104

(Dimensions in inches) Larger sizes available - consult factory.

## Flanged Strainer Dimensions & Shipping Weight

Catalog Number	Pipe Size	A	B	C	D	E	Weight (lbs)
13143	1 ½"	8.25	7.94	14.13	14.00	12.00	51
13144	2"	10.38	7.50	14.50	20.50	12.00	101
13145	2 ½"	10.38	7.50	14.50	20.50	12.00	104
13138	3"	10.88	10.75	17.75	20.50	12.00	124
13139	4"	14.75	12.75	20.06	25.25	12.00	262

## Ordering Information

Select model number from the table above. The model numbers listed in the table above come standard with 1/16" perforated baskets. Add "M" for 40 mesh baskets or "-100M" for 100 mesh baskets. 60 mesh and 200 mesh are also available. Consult the factory for part numbers.

## Example:

- 13133** —1" pipe with 1/16 perf basket
- 13133M** —1" pipe with 40 mesh basket
- 13133-60M** —1" pipe with 60 mesh basket
- 13133-100M** —1" pipe with 100 mesh basket
- 13133-200M** —1" pipe with 200 mesh basket