

Duplex Oil Strainers

Preferred Model DPS

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The Preferred Model DPS 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 DPS 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 upon request. They are available in the sizes shown in the table with the indicated threaded connections. All sizes have one-piece cast iron bodies, (ASTM A-48 Class 30) 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.

Suggested Specifications

Furnish and install where shown one 1" NPT duplex fuel oil strainer. Strainer shall have a one piece cast iron body (ASTM A-48 Class 30 or equal), and shall be hydro-statically tested to U.L. quality control specifications.

The strainer baskets shall be constructed of 1/16" perforated, 40, 60, or 100 mesh stainless steel. Strainer shall be Preferred Utilities Mfg. Corp., Danbury, CT, Model DPS.

Ordering Information

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

Example:

DPS-1-000 —1" pipe with 40 mesh basket

DPS-1-000-60M —1" pipe with 60 mesh basket

DPS-1-000-100M —1" pipe with 100 mesh basket



Preferred Model DPS Duplex Oil Strainer

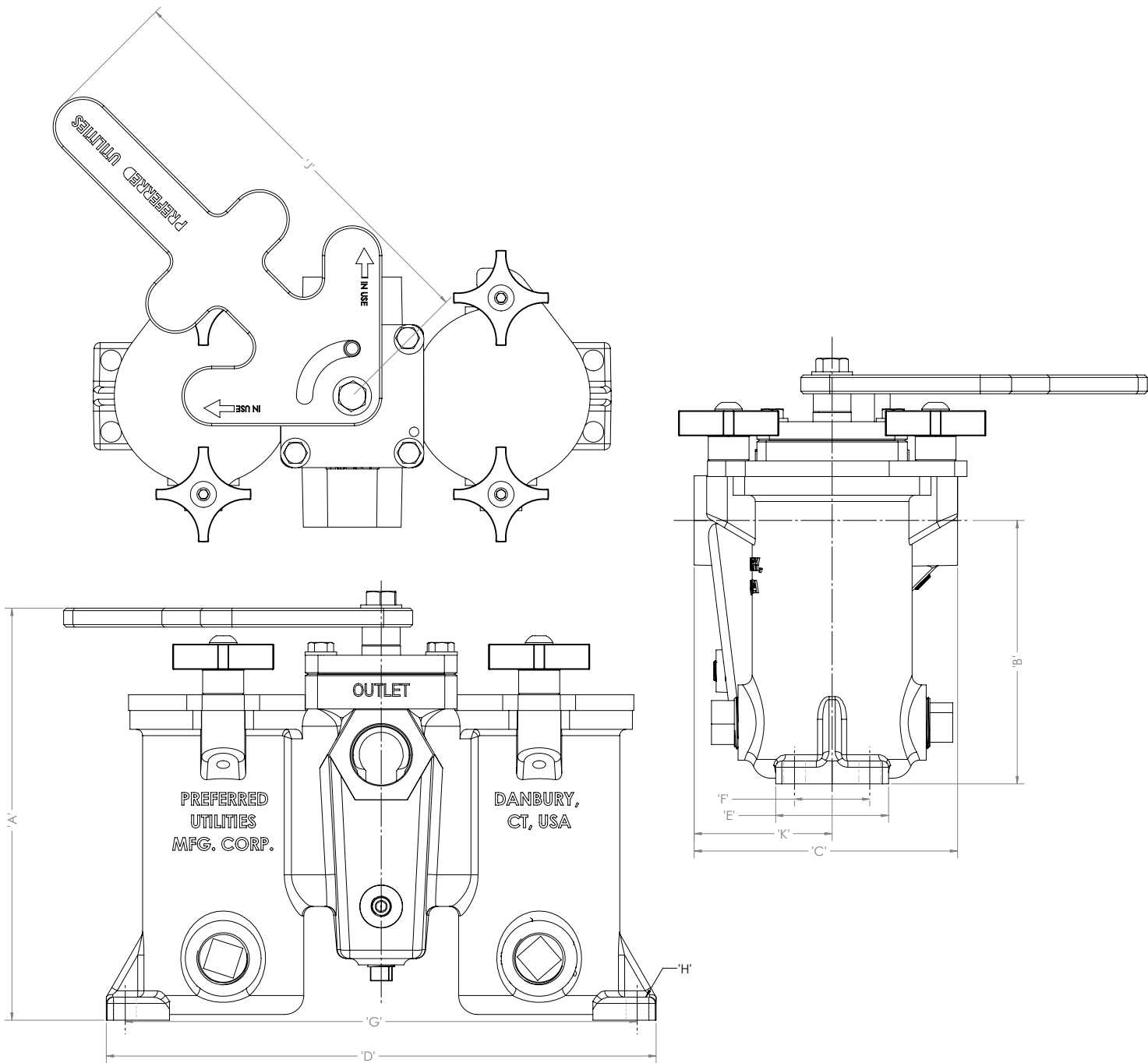
Specs found here



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Model	Pipe Size (NPT)	Approx. Weight (lbs)	A	B	C	D	E	F	G	H	J	K
DPS-1A	1"	30	8.212	5 1/4	5 1/4	10 7/8	2 1/4	1 1/2	10 1/8	7/16	8 11/16	2 3/4