

Hauck Manufacturing Company

COMBUSTION CONTROL ACCESSORIES OIL 'Y' STRAINERS

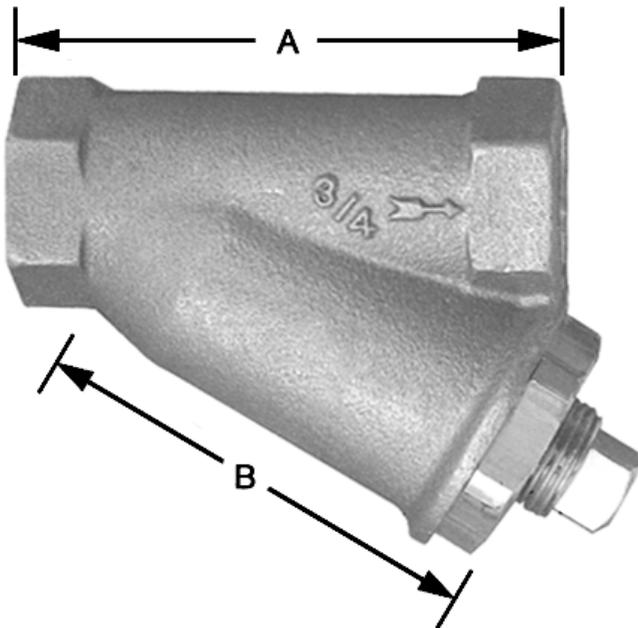


Oil "Y" strainers provide maximum protection against debris in control components such as shut off valves, control valves and metering valves.

59 Series oil strainers are constructed of cast bronze with stainless steel screen material and include a blow-off plug for ease of cleaning trapped debris from the strainer. Maximum pressure for oil and gas applications is 400 psi (2760 kPa) at 150°F (66°C) fluid temperature. For applications above 150°F (66°C), the maximum pressure decreases.

Oil 'Y' Strainers

Model No.	Hauck Part No.	Conn. Size NPT	Screen	C _v
59-05	11081	½	50 Mesh	5.6
59-07	16344	¾	20 Mesh	13
59-10	20515	1	20 Mesh	20
59-12	20516	1¼	20 Mesh	28
59-15	63120	1 ½	20 Mesh	39



Dimensions (Inches)

Model No.	Conn. Size NPT	A	B
59-05	½	2.688	2.00
59-07	¾	3.875	3.25
59-10	1	4.750	4.00
59-12	1¼	5.125	4.25
59-15	1 ½	5.750	5.00

OS-1

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COMBUSTION CONTROL ACCESSORIES SIMPLEX BASKET STRAINERS



Simplex basket strainers are necessary in combustion systems to provide adequate filtration of particulates from fuel oils. The strainers in this series are for single-burner applications or in supply headers for multiple burner applications that require straining.

The 72 series simplex basket strainers are constructed of cast iron with a stainless steel basket. The simplex basket strainers trap dirt and other foreign material present in fuel oil on fuel burning installations to avoid clogging of pumps, valves and burners, reducing burner shutdowns. Fuel oil flow must shut off for a short period to change or clean the basket. Simplex basket strainers with 1/16" perforations (openings) are commonly used on the suction side of pumps while 1/32" perforations are commonly used on the discharge side of pumps. Maximum operating pressure for fuel oil applications is 200 psi (1379 kPa) @ 100°F (38°C).

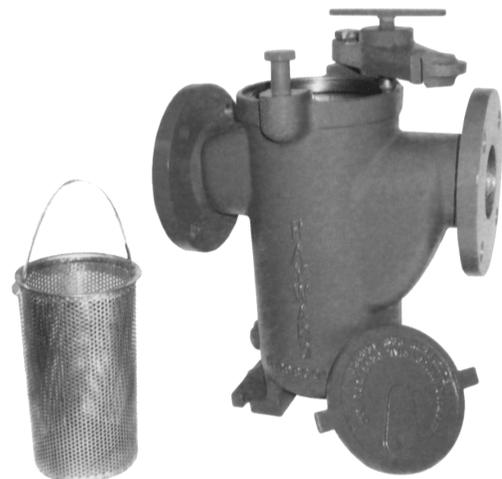
Simplex Basket Strainers—Threaded

Model No.	Hauck Part No.	Conn. Size NPT	Opening (inches)	Oil Flow @ 2000 SSU*
72-03	800962 800971	3/8	1/16 1/32	7 gpm @ 1 psid
72-05	800963 800972	1/2	1/16 1/32	7 gpm @ 1 psid
72-07	800964 800973	3/4	1/16 1/32	13 gpm @ 1 psid
72-10	800965 800974	1	1/16 1/32	20 gpm @ 1 psid
72-12	800966 800975	1 1/4	1/16 1/32	28 gpm @ 1 psid
72-15	800967 800976	1 1/2	1/16 1/32	38 gpm @ 1 psid
72-20	800968 800977	2	1/16 1/32	63 gpm @ 1 psid
72-25	800969 800978	2 1/2	1/16 1/32	100 gpm @ 1 psid
72-30	800970 800979	3	1/16 1/32	160 gpm @ 1 psid

Simplex Basket Strainers—Flanged

Model No.	Hauck Part No.	Conn. Size NPT	Opening (inches)	Oil Flow @ 2000 SSU*
72-20	801306 801312	2	1/16 1/32	63 gpm @ 1 psid
72-25	801307 801313	2 1/2	1/16 1/32	100 gpm @ 1 psid
72-30	801308 801314	3	1/16 1/32	160 gpm @ 1 psid
72-40	801309 801315	4	1/16 1/32	280 gpm @ 1 psid
72-50	801310 801315	5	1/16 1/32	420 gpm @ 1 psid
72-60	801311 801316	6	1/16 1/32	900 gpm @ 1 psid
72-80	802066 802067	8	1/16 1/32	1200 gpm @ 1 psid

* Based on No. 6 fuel oil at 100°F; for oil flow @ 40 SSU based on No. 2 fuel oil at 40°F, multiply listed oil flow by 1.2.



OS-1.1

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COMBUSTION CONTROL ACCESSORIES DUPLEX BASKET STRAINERS

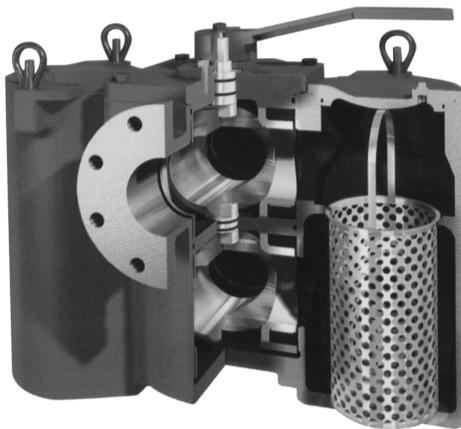


Duplex basket strainers are necessary in combustion systems to provide adequate filtration of particulates from fuel oils. The strainers in this series are for single-burner applications or in supply headers for multiple burner applications that require straining.

The 50 series duplex basket strainers are constructed of cast iron with two independent straining areas each containing a stainless steel basket. The duplex basket strainers trap dirt and other foreign material present in fuel oil on fuel burning installations to avoid clogging of pumps, valves and burners, reducing burner shutdowns. Fuel oil flow can be switched from one basket to the other to provide for uninterrupted flow of fuel oil during cleaning of the idle basket. Duplex basket strainers with 1/16" perforations (openings) are commonly used on the suction side while 1/32" perforations are commonly used on the discharge side of pumps. Maximum operating pressure for fuel oil applications is 200 psi (1379 kPa) @ 100°F (38°C).

Duplex Basket Strainers—Threaded

Model No.	Hauck Part No.	Conn. Size NPT	Opening (inches)	Oil Flow @ 2000 SSU*
53BTX-07	300682	3/4	1/16	10 gpm @ 1 psid
	300683		1/32	
53BTX-10	300684	1	1/16	10 gpm @ 1 psid
	300685		1/32	
53BTX-12	300686	1 1/4	1/16	16 gpm @ 1 psid
	300687		1/32	
53BTX-15	300688	1 1/2	1/16	20 gpm @ 1 psid
	300689		1/32	
53BTX-20	300690	2	1/16	34 gpm @ 1 psid
	300691		1/32	
53 BTX-25	300692	2 1/2	1/16	57 gpm @ 1 psid
	300693		1/32	



Duplex Basket Strainers—Flanged

Model No.	Hauck Part No.	Conn. Size NPT	Opening (inches)	Oil Flow @ 2000 SSU*
53BTX-20	300694	2	1/16	34 gpm @ 1 psid
	300695		1/32	
53BTX-25	300696	2 1/2	1/16	57 gpm @ 1 psid
	300697		1/32	
53BTX-30	300698	3	1/16	85 gpm @ 1 psid
	300699		1/32	
53BTX-40	300700	4	1/16	170 gpm @ 1 psid
	300701		1/32	
50-50	801267	5	1/16	250 gpm @ 1 psid
	801273		1/32	
50-60	801268	6	1/16	360 gpm @ 1 psid
	801274		1/32	
50-80	802064	8	1/16	750 gpm @ 1 psid
	802065		1/32	

* Based on NO. 6 fuel oil at 100°F; for oil flow at 40 SSU based on No. 2 fuel oil at 40°F, multiply listed oil flow by 1.2.

OS-1.2