

Liquid Duplex Filters

Patent Pending

Series L030, L040 - Enameled Carbon Steel • Series L032, L042 Stainless Steel

- ASME U Stamp Std., Nat'l Board Registered
- API standard 614 third edition section 2.6 (filters)
- Low Profile Head Lift Davit, Std.
- 3/4" Drain (dirty & clean), Vent & Fill
- 3 Stage Filtering Process



(1) Stage-Inlet Filter/Baffle-Removable/Cleanable

The first stage of filtration is comprised of a coarse filter to remove the larger impurities. This stage has an opening adjacent the inlet, such that fluid entering through the inlet will first pass through the coarse filter element. In placing the coarse filter element an appropriate distance from the inlet, the natural flow of the fluid from the inlet is directly into the coarse filter's orifice. However should the coarse filter become clogged or full of debris, fluid will bypass the first stage and directly feed into the second stage filters. The first stage filter element is easily removable, cleaned and placed back into the system.

(2) Stage-Standard Media-Borosilicate glass-Replaceable

The second stage will remove the finer impurities from the liquid (oil) that have passed through the first stage (coarse filter). This element is not cleanable but is easily replaced.

(3) Stage - Stainless Steel Mesh - Removable/Cleanable

A third stage filter, also easily removable and cleanable, protects the fine filter elements from element failure or back pulses in the system.

- **Options:** Carbon steel support legs in any length, gauges, special finishes, Transfer valves, fill lines and valves are optional on any model. Call for specific concerns or materials of construction.

Flow/Pressure drop data. Based on 150 SSU oil:
(Vessel only, cartridge not included)

Connection	75 GPM	150 GPM	225 GPM	300 GPM	400 GPM
2"	1.5	3	5	N/R	N/R
3"	0.6	0.9	1.7	2	4
4"	0.3	0.6	1	1.5	2

Housing Model No.	Max GPM	Element QTY	Design		Dimensions in inches					
			100F	200F	A	B	C	D	E	F
L030-0202-RF-020	150	2	285	260	12-3/4"	2"	6-3/4"	8-3/8"	12"	31-5/8"
L030-0203-RF-020	225	3	285	260	12-3/4"	2"	6-3/4"	8-3/8"	12"	31-5/8"
L040-0202-RF-020	150	2	740	675	12-3/4"	2"	6-3/4"	9-3/8"	12"	33-3/8"
L040-0203-RF-020	225	3	740	675	12-3/4"	2"	6-3/4"	9-3/8"	12"	33-3/8"
L030-0204-RF-030	150	2	285	260	12-3/4"	3"	8-1/2"	9-1/2"	14"	32-3/4"
L030-0205-RF-030	225	3	285	260	12-3/4"	3"	8-1/2"	9-1/2"	14"	32-3/4"
L030-0206-RF-030	300	4	285	260	16"	3"	8-1/2"	10-1/2"	14-5/8"	34"
L040-0204-RF-030	150	2	740	675	12-3/4"	3"	8-1/2"	10-1/2"	14"	34-1/2"
L040-0205-RF-030	225	3	740	675	12-3/4"	3"	8-1/2"	10-1/2"	14"	34-1/2"
L040-0206-RF-030	300	4	740	675	16"	3"	8-1/2"	11-1/2"	14-5/8"	35-3/4"
L030-0207-RF-040	150	2	285	260	12-3/4"	4"	10-1/4"	10-1/2"	13"	33-3/4"
L030-0208-RF-040	225	3	285	260	12-3/4"	4"	10-1/4"	10-1/2"	13"	33-3/4"
L030-0209-RF-040	300	4	285	260	16"	4"	10-1/4"	11-1/2"	14-5/8"	35"
L030-0210-RF-040	450	6	285	260	16"	4"	10-1/4"	11-1/2"	14-5/8"	35"
L040-0207-RF-040	150	2	740	675	12-3/4"	4"	10-1/4"	11-1/2"	13"	35-1/2"
L040-0208-RF-040	225	3	740	675	12-3/4"	4"	10-1/4"	11-1/2"	13"	35-1/2"
L040-0209-RF-040	300	4	740	675	16"	4"	10-1/4"	12-1/2"	14-5/8"	36-3/4"
L040-0210-RF-040	450	6	740	675	16"	4"	10-1/4"	12-1/2"	14-5/8"	36-3/4"

