

Bi-Flow filter drier HPC Series Parker Sporlan Catch-All®

Parker Sporlan Catch-All® Bi-Flow liquid line filters driers ensure the protection of reversible systems as refrigeration, air-conditioning and heat pumps from moisture, acids, and solid particles.



The special design of the valves plates ensure liquid flow in two directions without possibility of dirt trapped inside the core being discharge into the circuit.

The design of cores and choice of the chemical components insure perfect result with small pressure drop.

Efficiency and life of all reversible air conditioning 2 or 3 tubes systems as well as heat pumps can be improved with HPC Catch-All® filters driers.

Benefits

Max Working Pressure	44.8 bar (650 psig)
Temperature Range	-40°C up to +66°C

- **Leak Testing:** 45 bar in a pool
- **Catch-Call® Paint:** Winter Gray 10-7069 is an U.L recognised high gloss epoxy powder coating.
- **Filtration:** 20 microns
- **Approvals:** PED 97/23/EC - article 3.3
UL file no. SA - 1756A & B

The physical size of the **Catch-All® Bi-flow filter drier** range allows the product to be manufactured under the PED category (art.3.3) which does not require the "CE" marking.

Technical Data

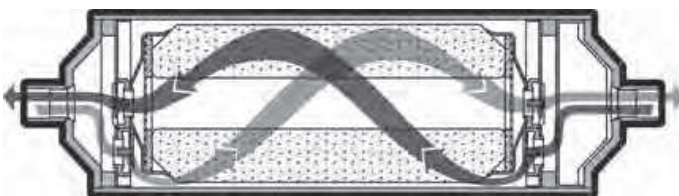
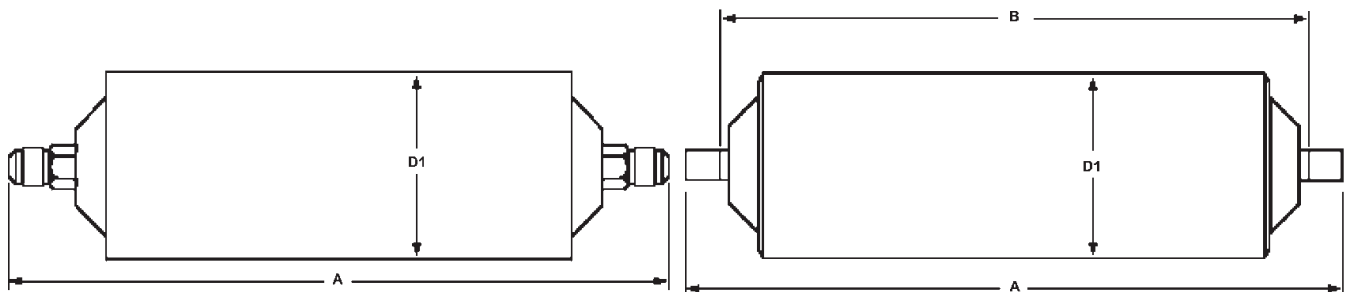
HPC

Flow capacity in kW

Part Number	Part Number	Connections		Flow capacity (kW) (1)				Dimensions (mm)			Weight kg
		SAE	ODF	R22	R134a R407C	R404A R507	R410A	L	A	D1	
404080	HPC-103	3/8"		17.6	16.2	11.8	17.2	171.5		76	0.79
404101	HPC-103-S		3/8"	19.3	17.9	12.9	19.0	149.4	127.0	76	0.79
404140	HPC-104	1/2"		29.2	26.7	19.9	28.5	176.3		76	0.79
404161	HPC-104-S		1/2"	31.3	28.8	20.9	30.6	152.4	127.0	76	0.79
404102	HPC-105	5/8"		35.9	33.1	24.2	35.2	184.2		76	0.79
404163	HPC-105-S		5/8"	38.0	34.8	25.5	37.3	160.3	128.8	76	0.79
404304	HPC-163	3/8"		17.6	16.2	11.8	17.2	197.6		76	1.02
404303	HPC-163-S		3/8"	19.3	17.9	12.9	19.0	175.8	153.4	76	1.02
404306	HPC-164	1/2"		29.2	26.7	19.9	28.5	201.9		76	1.02
404305	HPC-164-S		1/2"	31.3	28.8	20.9	30.6	179.6	154.2	76	1.02
404307	HPC-165	5/8"		35.9	33.1	24.2	35.2	210.3		76	1.02
404308	HPC-165-S		5/8"	38.0	34.8	25.5	37.3	186.7	155.2	76	1.02
404310	HPC-304	1/2"		30.6	28.1	20.7	29.9	281.4		76	1.93
404309	HPC-304-S		1/2"	32.7	30.2	21.9	32.0	258.6	233.2	76	1.93
404312	HPC-305	5/8"		34.8	32.0	23.3	34.1	289.1		76	1.93
404311	HPC-305-S		5/8"	36.9	34.1	24.9	36.2	264.7	233.3	76	1.93
404314	HPC-306-S		3/4"	38.7	35.5	26.2	38.0	275.8	243.8	76	1.93
404313	HPC-307-S		7/8"	40.1	36.9	27.1	39.4	279.9	241.9	76	1.93

(1) Liquid capacity in accordance with ARI 710-86 standard.

Te = -15°C, Tc = 30°C, Δp = 0.07 bar (1 psig)



The filter drier operate in either flow direction, the refrigerant go across the cores from the external face to the internal space. HPC Catch-All® Bi-flow filters driers do not release the dirt collected in one direction when the flow direction reverses.

For all requests, consult your nearest Parker Sporlan Wholesaler or contact us on: racecustomerservice@parker.com / www.parker.com/race