

# Suction Filter drier C Series Parker Sporlan Catch-All®

**Parker Sporlan Catch-All® compact suction line filters driers** protect the compressors by removing all particles of refrigeration and air-conditioning circuits. Particles can be carbon deposit, metallic shaving, resulting from wear of compressor or of piping installation.

**Catch-All® suction line filters driers** are suitable for moisture adsorption, retention of the acids and to trap sludge and wax by using moulded core with 3 components.

The large surface of the filter allows to trap dirt without increasing significantly pressure drop.

**Catch-All® suction line filters driers** must be installed between the evaporator and suction accumulator or compressor. **Catch-All® compact suction filters driers** are particularly adapted for reversible systems and can be fitted between 4 way valve and compressor's suction valve.

2 Shraeder valves allow to check pressure drop in the compact filter drier.



**The compactness and efficiency of Parker Sporlan Catch-All® suction filters driers help users to protect all compact installations from the contaminants.**

## Benefits

<b>Max Working Pressure</b>	<b>45 bar (650 psig)</b>
Temperature Range	-40°C up to +66°C

- **Leak Testing:** 45 bar in a pool
- **Catch-All® Paint:** Winter Gray 10-7069 is a U.L. recognised high gloss epoxy powder coating.
- **Filtration:** 20 microns
- **Approvals:** PED 97/23/EC - article 3.3

The physical size of the **Catch-All® suction 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

C 140 series	Drying Capacities (kg of refrigerant) (1)										Acid Capacity (2) (g)
	R134A		R404A		R407C		R410A		R22		
	24°C	52°C	24°C	52°C	24°C	52°C	24°C	52°C	24°C	52°C	
C-14-TT-HH	5.4	3.9	5.7	4.7	4.2	1.4	2.1	1.6	4.9	4.0	6.8

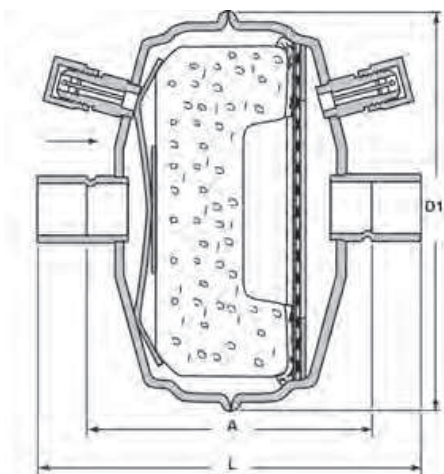
(1) Drying capacity is the result of standard tests before and after drying from 1050 ppm to 50 ppm.

(2) Adsorption capacity of acid at 0.05 TAN (Total Acid Number).

Part Number	Part Number	Connection Size ODF	Flow Capacity (kW) (3)					Dimensions (mm)			Weight Kg
			R22	R134a	R404A R507	R407C	R410A	L	A	D1	
400796	C-144-S-TT-HH	1/2"	4.25	3.2	3.75	4.2	5.4	105.2	79.8	112.8	0.907
400801	C-145-S-TT-HH	5/8"	6.5	4.95	5.7	6.35	8.2	111.3	79.8	112.8	0.907
400806	C-146-S-TT-HH	3/4"	8.9	6.8	7.9	8.8	11.3	122.7	87.6	112.8	0.907
400811	C-147-S-TT-HH	7/8"	9.8	7.5	8.7	9.7	12.5	126.2	88.1	112.8	0.907
400816	C-149-S-TT-HH	1-1/8"	13	9.9	11.6	12.9	16.6	125.2	76.5	112.8	0.907

(3) Suction capacities are published in accordance with ARI 730-2001 standard.

Te = -4.4°C, Tc = 32°C, Δp = 0.07 bar.



For all requests, consult your nearest Parker Sporlan Wholesaler or contact us on: [racecustomerservice@parker.com](mailto:racecustomerservice@parker.com) / [www.parker.com/race](http://www.parker.com/race)