

Burn out filter WSL Parker Sporlan WorldSeries™

Parker Sporlan WorldSeries™ WSL Burn out suction and liquid line filters ensure decontamination and cleaning of circuit polluted by moisture, dirt and acids.

WSL Burn out filters have very high capacity of acid retention, moisture adsorption and can trap sludge and wax. **WSL Burn out filters** can be used

in both liquid and suction line to improve efficiency and rapidity of cleaning processes.

This reduces the pressure drop in suction line and protects the compressor of the overheating risk.

WSL Burn out filters use a 100% activated alumina in compacted bead in combination with a very efficient fiber filter. The pressure drop can be checked by Schraeder valve.

WSL Burn out filters are for temporary use only and can be replaced by **WEU/WSC** filter driers in liquid line or by **WSF suction filter** in suction line.

WSL Burn out filters are the best product for decontaminate the circuits, they have a highest capacity of acid retention due to the large quantity of activated alumina.

Efficiency of cleaning must be checked by acid test kits as **TAI, TKO** and **ETK** (see pages 257/258).



Parker Sporlan WorldSeries™ WSL Burn out filters driers give the best solution to clean and decontaminate circuits without introduce liquid cleaners inside the circuits.

Benefits

Max Working Pressure	20.8 bar (302 psig)
Temperature Range	-40°C up to +80°C

- **Leak Testing:** 100% Helium leak tested
- **WSL Paint:** Polyester grey coating (RAL 7037) giving protection to 500 hours salt spray.
- **Filtration:** 20 microns
- **Approvals:** PED 97/23/EC - article 3.3

The physical size of the **WSL Burn out filters** range allows the product to be manufactured under the PED category (art.3.3) which does not require the "CE" marking.

Technical Data

WSL 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	
WSL 16	9	8	10	9	8	6	7	5	8	6	6
WSL 30	12	10	13	11	11	9	9	8	10	9	8
WSL 41	32	26	36	30	29	23	24	21	29	25	22
WSL 75	63	54	72	62	58	50	49	41	58	49	43

(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).

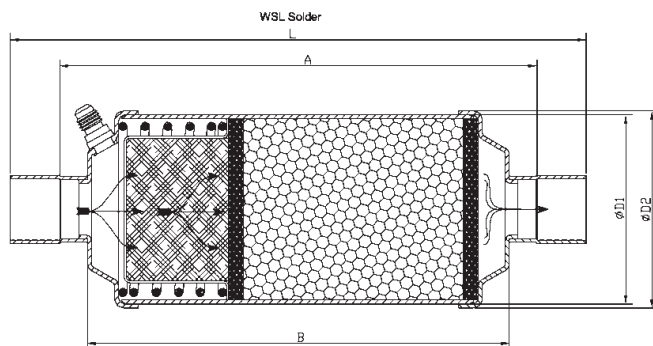
Part Number	Connections		Suction flow capacity (kW) (1)					Liquid flow capacity (kW) (4)					Dimensions (mm)				
	SAE	ODF	R22	R134a	R404A R507	R407C	R410A	R22	R134a	R404A R507	R407C	R410A	L	A	B	D1	D2
WSL163F	3/8"	-	1.68	1.25	1.5	1.65	2.15	20.4	18.9	13.7	19.4	20.4	170.6	-	117.3	63.5	66.7
WSL163S	-	3/8"	1.68	1.25	1.5	1.65	2.15	20.4	18.9	13.7	19.4	20.4	153.9	138.1	117.3	63.5	66.7
WSL164F	1/2"	-	2.95	2.25	2.65	2.9	3.75	36.8	34.1	24.7	35	36.8	175.6	-	117.3	63.5	66.7
WSL164S	-	1/2"	2.95	2.25	2.65	2.9	3.75	36.8	34.1	24.7	35	36.8	153.9	135.1	117.3	63.5	66.7
WSL165F	5/8"	-	5.8	4.4	5.2	5.7	7.4	49.5	45.9	33.2	47	49.5	183.1	-	117.3	63.5	66.7
WSL165S	-	5/8"	5.8	4.4	5.2	5.7	7.4	49.5	45.9	33.2	47	49.5	159.9	134.5	117.3	63.5	66.7
WSL166S	-	3/4"	7.45	5.7	6.65	7.4	9.5	54.5	48.4	37.2	52	54.5	166.6	134.6	117.3	63.5	66.7
WSL167S	-	7/8"	7.55	5.8	6.7	7.5	9.65	56.5	50.0	39.2	54	56.5	179.3	141.1	117.3	63.5	66.7
WSL305S	-	5/8"	8.6	6.55	7.6	8.5	10.9	51.3	47.6	34.4	48.7	51.3	195.1	169.7	152.4	76.2	79.8
WSL306S	-	3/4"	11.5	8.8	10.2	11.4	14.6	55.3	50.6	38.4	53.7	56.3	203.2	171.2	152.4	76.2	79.8
WSL307S	-	7/8"	17.2	13.1	15.2	17	21.8	59.3	52.6	41.4	57.7	60.3	214.4	176.2	152.4	76.2	79.8
WSL419S	-	1-1/8"	21.8	16.7	19.4	21.6	27.9	63.3	54.6	44.4	61.7	64.3	270.0	223.8	197.9	88.9	92.7
WSL7511S	-	1-3/8"	31.5	24.2	28.0	31.2	40.2	82.1	76.1	55.0	78.0	82.1	359.9	310.7	297.4	88.9	92.7
WSL7513S	-	1-5/8"	39.2	30.0	34.7	38.8	50.0	119.4	110.7	80.0	113.4	119.4	366.3	310.9	297.4	88.9	92.7
WSL165S	16 mm		5.8	4.4	5.2	5.7	7.4	49.5	45.9	33.2	47	49.5	159.9	134.5	117.3	63.5	66.7
WSL305S	16 mm		8.6	6.55	7.6	8.5	10.9	51.3	47.6	34.4	48.7	51.3	195.1	169.7	152.4	76.2	79.8
WSL7511S	35 mm		31.5	24.2	28.0	31.2	40.2	82.1	76.1	55.0	78.0	82.1	359.9	310.7	297.4	88.9	92.7

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

Te = -4.4°C, Tc = 32°C, Δp = 0.07 bar

(4) Liquid capacities are published in accordance with ARI 710-86 standard.

Te = -15°C, Tc = 30°C, Δp = 0.07 bar



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