

VS / Gores VS / Gold Parker Sporlan

Parker Sporlan offers a very large range of cores corresponding to all situations for help the user to maintain system's cleanness and efficiency.

This is a guarantee of cost reduction for maintenance and repair.



First Operation

VS32H: Dedicated to suction line filter shell with an innovative conical filter to reduce pressure drop at compressor suction. It is a blend of molecular sieve and activated alumina for a great moisture adsorption and high capacity of acid retention. It must be used in a suction line filter shell with **ASKSL** conical filter.

VS48H: "The" standard core for the liquid line made with a blend of molecular sieve and activated alumina. This core has high capacity of dehydration and acid retention. It can be used in a suction line filter shell with **ASK** cylindrical filter.

VS48XH: The highest moisture capacity available from a 48 inch cube core. It is made with 100% of 3Å molecular sieve in a good proportion of binding agent to have very high capacity of moisture adsorption.

VS48XH is the best core for installation where HFC refrigerant and associated oil are used, which are very hygroscopic. It is the perfect choice for chillers with shell and tubes or brazed plate evaporators. It doesn't have a potential for hydrolysis or bi-polar attraction of lubricant additives. It can be used in both liquid and suction line with **ASK** cylindrical filter.

VS48F: The felt element is designed for use in suction line will give effective filtration and compressor protection during start up and commissioning periods. For best results the It must be used in conjunction with the **ASKSL** conical filter. This allows small pressure drop and then protects compressors.

Temporary use only.

RPE-48-BD: The reinforced felt element designed for the suction line during the commissioning period and after. The felt element have an external stainless steel screen to prevent from destruction in case of too big pressure drop due to clogging. It with **ASK** cylindrical filter can replace **VS48F** after commissioning period.

Maintenance and Repair

VS48SC: dedicated to cleaning, decontamination or after compressor burn out. It uses an optimum blend of molecular sieve, activated alumina and activated charcoal. This allows to trap acid, sludge and wax and of course moisture. It must be used in the same time in both suction and liquid line for decreasing quickly acid content and to minimize the pressure drop in suction filter shell. **Temporary use only.**

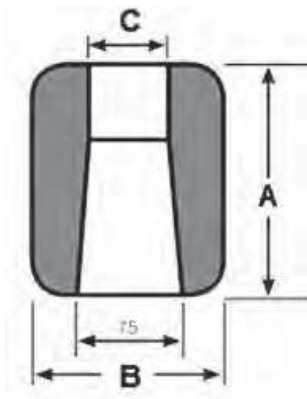
RCW48 "GOLD": This core has very high capacity of water retention. Especially made for refrigeration and air conditioning systems which work with HFC and POE lubricants. Thoses cores are the good choice after damage in water evaporator or when moisture content is very high. They can be used in both liquid and suction line.

Operating temperature range: -45°C to 65°C

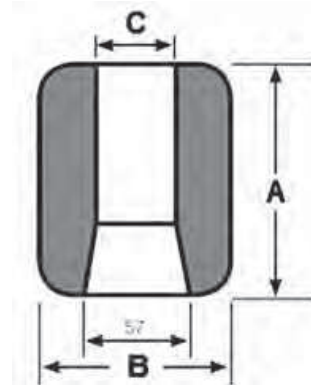
For all requests, consult your nearest Parker Sporlan Wholesaler or contact us on:
racecustomerservice@parker.com / www.parker.com/race

Technical Data

VS32H



48 Series



Part Number	Height A	Dimensions (mm)		Filtration Surface (cm ²)
		Ø External B	Ø Internal C	
VS32H	140	95	75	420
VS48H	140	95	45	420
VS48XH	140	95	45	420
VS48F	140	95	75	420
RPE-48-BD	140	95	62	420
VS48SC	140	95	45	420
RCW-48-GOLD	140	94	45	420

Drying Capacity - kg of refrigerant*

Part Number	R 22		R134a		R404A / R507		R407C		R410A	
	24°C	52°C	24°C	52°C	24°C	52°C	24°C	52°C	24°C	52°C
VS32H	12	9	16	12	10.5	10	12	9	10.8	8.1
VS48H	27.5	21	36.5	27.5	41.5	23.5	27.5	21	24.75	18.9
VS48XH	52	40	70	52	79	45	53	40	46.8	36
VS48SC	12.5	11	16.5	12	19.5	16.5	12.5	11	11.25	9.9
RCW-48-GOLD	55.5	45.2	60.1	43.4	64.5	52.5	46.7	15.1	24.1	18.1

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



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