

Parker VS Series

Dehydration and Decontamination of the Frigorific Circuits Solid Cores Size 48 Cu.In



Customer value proposition

Parker offers a full range of solid cores size 48 Cu.In suitable for all refrigeration and air conditioning systems.

Chemical components are rigorously selected and mixed to ensure the best result with all problems of dehydration and/or decontamination of the frigorific equipments.

The colour code helps to select the best product quickly, in term of the main use:
Red for the high pressure side (Liquid)
Blue for low pressure side (Suction)

Parker has selected one of the best and polyvalent molecular sieves, 3Å XH9, to ensure the suitability of the cores with most of the refrigerant used in the market.



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Features

- Solid cores 100% molecular sieves or with activated alumina and/or activated charcoal.
- Suitable with CFC, HCFC, HFC, HFO and CO₂
- Solid cores delivered with a set of gasket suitable with most of the filters shells of the market.

Applications

- Refrigeration
- Air conditioning
- Heat pump

Benefits

- Suitable with most of the filter shell of the market
- Ensure cleanliness of the frigorific circuits.
- Ensure decontamination after a compressor burn out.
- Allow to achieve a very low level of moisture required with HFC refrigerants and POE lubricants.



ENGINEERING YOUR SUCCESS.

Technical Specifications :

VS48H

- "The core" for liquid line.
- Made with a blend of 3Å XH9 molecular sieves and activated alumina.
- High drying capacity and high efficiency to trap acids.
- Suitable for use in a suction line.

VS48XH

- The highest drying capacity feasible with a 48Cu.in core in a liquid line
- Made with 100% 3Å XH9 molecular sieves.
- Suitable for systems including HFC or CO₂ refrigerants.
- Suitable for use in a suction line.

VS48SC

- The best core for maintenance operation where a decontamination of the refrigerant/oil is required
- Should be use after a compressor burn out due to the blend of activated alumina, molecular sieves and activated charcoal.
- High capacity to trap acids and high drying capacity; able to trap sludge, wax after a compressor burn out.
- Suitable for use in a suction and a liquid line, temporary use only.

VS48F

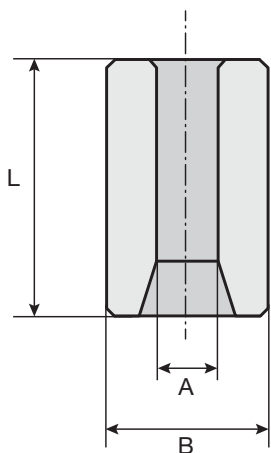
- The felt core is made with a fibber to be used in a suction line to prevent the compressors from the solid particles from the system.
- The felt core is recommended during start up and commissioning period.
- Can't be used in a liquid line.
- It's recommended to check the pressure drop of the felt core, during operation, and to replace or to remove to avoid any issue with the compressors.

Part Number	Description	Drying Capacity kg of Refrigerant ⁽¹⁾										Acid Capacity ⁽²⁾ g
		R134a		R407C		R404A / R507		R410A		R22		
		24°C	52°C	24°C	52°C	24°C	52°C	24°C	52°C	24°C	52°C	
VS48H	High Drying Capacity Core	37	28	28	21	42	24	25	19	28	21	12.5
VS48XH	Very High Drying Capacity Core	70	52	53	40	79	45	47	36	52	40	5.8
VS48SC	Burnout Core	17	12	13	11	20	17	11	10	13	11	23.7

(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	Description	Height L	Dimensions (mm)			Filtration Surface cm ²	Product Weight kg	Quantity per Master Box	Master Box Weight kg
			Ø External B	Ø Internal A					
VS48H	High Drying Capacity Core	140	95	45		420	0.9	12	12.7
VS48XH	Very High Drying Capacity Core	140	95	45		420	0.9	12	12.7
VS48SC	Burnout Core	140	95	45		420	0.9	12	12.7
VS48F	Felt Core	140	95	75		420	0.4	12	5.9



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