

For a safe and proper function of the vapour recovery system (Stage II) and the correct ratio of vapour to petrol Elaflex has been developing and supplying a comprehensive range of vapour valves for ZVA Slimline 2 GR nozzles. All vapour valves are certified. To identify the valve differences, please see information given in the table.

Vapour Valve		ZVA Slimline 2...					
		GR	GRV	GRV-FA	GRV-WT	GRVP	GRVP-WT
Spare Part Number		EK 096	EA 021	EA 021 FA	EA 021 WT	EA 020	EA 020 WT
Functionality of Vapour Valve		'ON' only gas passage w/o regulation	'ON/OFF' vapour valve gravitation activated	'ON/OFF' vapour valve flow activated		Proportional vapour valve with additional 'ON/OFF' function flow activated	
Test Method (on site)		dry and wet testing	dry and wet testing	dry and wet testing	wet testing	dry and wet testing	wet testing
Vapour Valve Top View							
Vapour Valve Bottom View				 <small>with Marking EA 021 FA</small>			
Visual Vapour Valve Differences		no valve	flat seal poppet			conical poppet	
Magnet Weight Weight Shape		no no	easily sliding conical	easily sliding cylindrical	spring loaded conical	easily sliding cylindrical	spring loaded cylindrical
Poppet		no	flat seal	flat seal	flat seal	conical	conical
Spring		no	no	yes	yes	yes	yes
Adjustement Ring Colour		white	white	white	yellow/ transparent	white	yellow/ transparent
Dispenser Types		Single Product Dispenser	Multi Product Dispenser				
Regulation of Proportionality		Dispenser regulates the proportionality electronically				Nozzle regulates the proportionality mechanically	
Vacuum Pump Configuration		One per dispenser	One per dispenser side	Various 1) one per dispenser side 2) one central vacuum pump per dispenser OR per petrol station		Various 1) one per dispenser side (fixed speed level) 2) one central vacuum pump per dispenser OR per petrol station (variable speed levels)	
Flow Control Petrol/Vapour		electronic proportional valve OR variable speed pump of the dispenser		electronic proportional valve OR variable speed pumps (dispenser might additionally need el. proportional valve for central vacuum pump)		proportional vapour valve of the nozzle	

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