

## Evolution not Revolution

Under the slogan - Feel the Difference - ELAFLEX is introducing to the market the new generation of ZVA Slimline 2 and ZVA Slimline 2 GR nozzles on September 1<sup>st</sup> 2008 when they will be in full production. These nozzles replace the standard ZVA Slimline and ZVA 200 GR vapour recovery versions.

Many improvements have evolved into the well-known ZVA Slimline types over the past decades. Over time new industry requirements regarding environmental concerns, meeting customer wishes, lighter lever action, improved cleanliness on forecourts and a more sensitive 'to the penny dispensing' control involved further radical developments.

Here we highlight some of the most significant changes:

### More Comfort

It starts with more cleanliness and the Diesel Drip Catcher which is now integrated into the nozzle body, and comes as a standard [picture 3]. The diesel fuel that remains on the outside of the spout is captured within the nozzle body once the nozzle is replaced in the nozzle booth. This assists in keeping the nozzle and scuffguard cleaner. For even better cleanliness the optional DRIP STOP version can be fitted.

The new nozzles feature a comfortable contoured composite lever which provides a comfortable experience for the hand. Most important, the force to pull the lever has been reduced by 1/3 without compromising safety. This is especially beneficial in countries where the latch pin is not allowed.

An improved flow stream has been achieved by re-positioning the poppet/valve arrangements which also improves automatic shut off with foaming and gassing fuels.

### Pressure Controlled Active Safety Shut Off (DSA)

The DSA is an option available for dispensers with volume or price pre-payment requirements. DSA ensures that upon completion of a preselected quantity, the automatic shut off is activated after the nozzle is returned to the nozzle booth. This occurs whether the lever is in the 'open' position or not. No fuel can be dispensed until the lever is reset and activated.



ZVA Slimline 2



ZVA Slimline 2 GR

## ZVA Slimline 2 GR Vapour Recovery Nozzle

Not only the 'On/Off' GRV vapour valve but also the GRVP proportional valve are now fully integrated into the nozzle and do not extend beyond the nozzle body. This innovation allows for a simplified measurement of the vapour recovery DRY TEST system especially with the GRVP vapour proportional valve.

[Picture 4] [Picture 5]

### Service Friendliness

Servicing of the ZVA has been further improved for the new nozzle generation. In addition to the stainless steel capped spout, an enduring protection against wear and tear, the spout is now a 'push fit' fixed with a retaining pin on all the versions and provides simplified and quick assembly during service and maintenance in the field as well as extending the nozzle longevity. The ZVA can also be completely rebuilt by recycling its parts, saving valuable materials and costs. Many existing parts and tools of the previous generation are compatible.

### Approvals

Fully certified. The ZVA Slimline 2 and ZVA Slimline 2 GR are ATEX approved. EC-type examination certificated according to EN 13012.

ZVA Slimline 2 GR Stage II nozzles have been tested by the TÜV SÜD and confirmed to have identical vapour recovery values as the previous ZVA 200 GR. TÜV Süd therefore issued a Stage II supplementary certificate with which the existing vapour recovery type approvals for ZVA 200 GR are also valid for the new ZVA Slimline 2 GR.

The new ZVA Slimline 2 generation is a package of innovative improvements and developments that enhance the fuelling experience with the motorist and environment in mind.

Further infos [www.elaflex.com](http://www.elaflex.com)

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Pic 3\_ZVASL2\_Integrated Diesel Drip Catcher.jpg  
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Integrated Diesel Drip Catcher



Fully integrated Vapour Valves



GR Vapour Spouts