

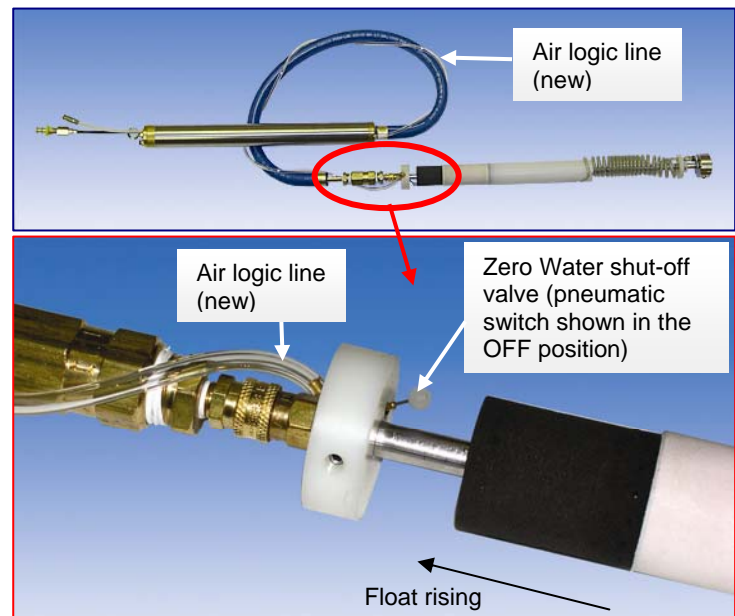
## F.A.P. Plus™ ZW — “Zero Water”

Introducing the F.A.P. Plus™ **ZW**, an upgraded version of the standard pump. The new pump incorporates the “Zero Water” pneumatic logic that stops and starts the F.A.P. Plus™ ZW automatically — depending on the position of the skimmer inlet — and prevents the ingress of water when the water level rises more than the skimmer travel allows.

### 1.0 Operation

**1.1** As the water table rises, the float moves up. When its rise exceeds the standard 36-inch skimmer travel, the float will open a pneumatic switch which closes the air supply to the pump and thereby turning it off. When the water table recedes far enough, the skimmer inlet will descend and release the air switch, allowing the compressed air to re-start the pump automatically. This in-well technology prevents any water from being pumped to the surface.

**1.2** Totally pneumatic operation.



Top: F.A.P. Plus™ ZW with optional rod skimmer.  
Bottom: Close-up showing the Zero Water shut-off valve.

### 2.0 Ordering Information:

Order the pump and the rod skimmer(s) separately.

**1.2** Pump:

<b>TR-51640</b>	<b>FAP Plus ZW Pump (with Zero Water Shut-off)</b>	<b>List price: \$1,535.00</b>
TR-516	FAP Plus Pump (the “standard” FAP Plus Pump )	List price: \$1,395.00

**1.3** Rod Skimmer:

Any of the rod skimmers (TR-517, TR-51711, TR-70410) can be fitted to either TR-51640 or TR-516.

**1.4** Available starting immediately.

**1.5** Replacement parts: N/A



**1.6** Retrofits: You current F.A.P. Plus pump and skimmer may be upgraded to the ZW system. It must be sent back to DGS for an estimate.

**1.7** Repair kit: N/A.

## **2.0 How to distinguish with the standard pump.**

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**2.1** The small air line wrapped around the blue hose (see upper photo) indicates that this pump is fitted with the Zero-Water shut-off valve.