

Fig 1945 Upward Pressure Relief Valve.

The Under Pressure Relief Valve or UPRV is a valve that can be found in the base of structures. Its intended use is to relieve the external water pressure acting on the outside of the tank. The flow of the external liquid is designed to be uni-directional. When the water has entered the tank it is collected in sumps and pumped away.

## Materials of Construction

Body- Cast Iron BSEN-1561  
Gr220min.

Diaphragm- Ethylene Propylene  
Rubber

Retaining ring- Galvanised mild steel-  
Stainless steel grade 304-316

Retaining fasteners- Plated mild  
steel- Stainless steel grade A4

Coating- Grit blasted to SA 2.5. Epoxy  
undercoat and top coat DFT  
150microns.

