FV80

Diesel refuelling and fluid tank filling system.
Bottom fill reduces turbulence and eliminates foaming.
No tank pressure.

Compatible with Mines and Quarry refuelling.
Anti-foaming fast fill kit.

1. FV80 - 2” valve
2. FV80TUBE - Flange and drop tube (tube variable length)
3. FV80FR - Fast fill fuel receiver and mounting flange
4. PV80P - Pilot valve and float assembly (Controls fuel level)
   4a, pilot valve float.
The FV80 refuelling system offers:

- Fast fill without pressurising the tank
- Safer refuelling with the elimination of “fuel foaming”
- Reduced fuel turbulence and aeration while filling the fuel tank

**Filling from a “fast fill mining nozzle”**

1. The automatic delivery nozzle is connected and locked on to the vehicle or storage tank fluid receiver FV80FR (item 3) The nozzle is then manually turned to the ON position and filling commences filling the tank via the delivery hose and internal drop tube and main valve (FV80 item1)

2. When the fluid reaches the filled level the float (4a) closing the pilot valve, thus creating pilot line pressure activating closure of the main FV80 valve. This in turn creates pressure to close the automatic “fast fill nozzle”

3. The system will then return to normal allowing safe removal of the nozzle.

**FV80 Pressure chart.**