

High Flow Refueling Systems

Refuel or fill any fluid storage vessel accurately and prevent spillage or over-pressurizing the storage tank.

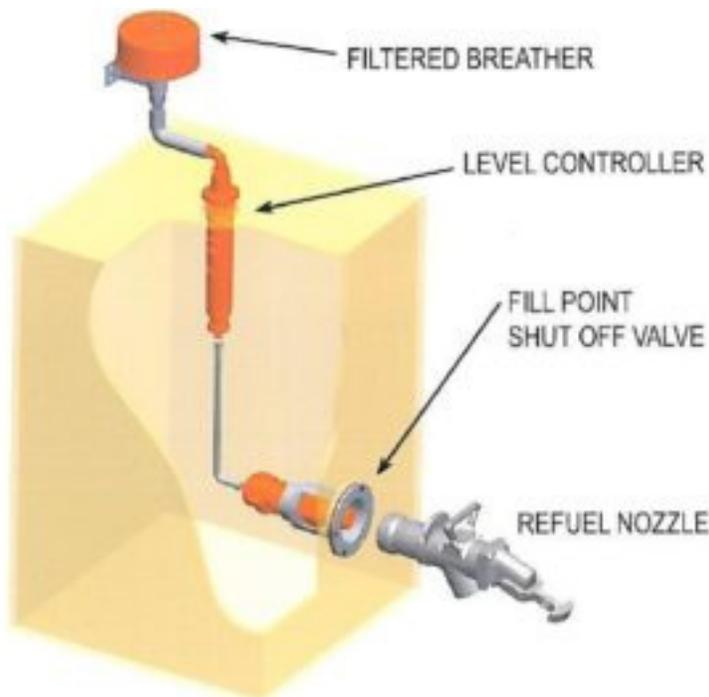


System Key Features

- Flow rates up to 150 GPM (570 LPM)
- Positive shut off prevents manual override
- Meets directive 97-23-EC and does not pressurize tank
- No spills or burst tanks due to over pressurization
- Ground level refilling allows for safer refilling

System Specifications

- Mates with industry standard nozzles and 2" NPT receivers
- Shut off valve acts as a check valve when servicing receivers
- Shut off valve can be connected to multiple receivers for remote or dual fill locations
- Zero or low pressure systems can be used with thin wall or plastic fuel cells



Operation

- Attach standard fill nozzle to receiver
- Energize pump and actuate nozzle
- Shut off valve opens and filling begins and displaced air escapes through the filtered breather
- When the tank is full the level control signals the inlet shut off valve to close
- Additional fuel cannot be introduced to the fuel tank (no overflow) as the shut off valve remains closed
- The refuel nozzle is removed and the vehicle returned to service.