

GRUNDFOS Hydro FSY automatic fire pump sets are typically used in firefighting applications for supplying water to fire hose reels, fire hydrants or sprinkler systems.

The hydro FSY fire pump sets described in this data booklet cover all flow rates upto 320 m³/h & heads upto 100m. Fire pump sets with a performance exceeding this range are available on request.

1. Jockey Pump
2. Electrically powered duty pump and if necessary
3. Diesel Powered Pump

Only the jockey pump is stopped automatically by means of a pressure switch when the upper pressure limit is reached. The duty pumps can only be stopped manually by means of a push-button on the pump control panel. Alternatively, in fire hydrant systems the duty pumps may be stopped automatically by a timer (available as an accessory)



The Jockey pump keeps the system pressurized and compensates for leaks in order to prevent the duty pumps from starting up unnecessarily.

When required, the electrically powered duty pump will be started automatically in order to provide the flow rate required.

The diesel powered pump is a standby pump guaranteeing the supply of water to the fire system in case of power failure. Each pump is controlled by a separate controller. If the pressure in the system drops, the pumps will start up automatically and feed the system with water.

