



### APPLICATIONS

The Grundfos Hydro Multi-E are variable speed pressure sets designed for pressure boosting of clean water in blocks, flats, hotels, schools, institutions, commercial buildings, industries or any other field where constant pressure is required.

They consist of two or three identical Grundfos CME variable speed pumps with in-built pressure sensors connected in parallel, control cabinet with motor protective circuit breaker and integrated controller, all mounted on a base frame. They are supplied complete, pre-assembled and tested and include; suction and discharge manifolds, isolating valves and non-return valves and a suitably sized diaphragm tank.

### SYSTEM OPERATION

Signals pressure changes in the system are transmitted continuously from the pressure sensors to the pump. The pump responds from the pressure sensor to the signal by adjusting its performance up or down to compensate for the pressure difference between the actual and the desired pressures. As this adjustment is a continuous process a constant pressure is maintained in the system irrespective of the flow.