

PRESSURE BOOSTING SYSTEMS



Hydrovar variable-speed drives

PACKAGED VARIABLE SPEED DRIVE & FIXED SPEED PRESSURE SYSTEMS:

- Wide range of multiple pump units controlled by pressure switches, or pressure transducer, with constant or variable-speed electric pumps.
- Designed to draw water from tanks, dams, rivers and direct connection to town's main to provide flow and pressure requirements by conventional system or one operating as a constant pressure variable speed drive unit.
- Engineered to ensure items such as flexible pipe connections, vibration mounts, check valves, gate valves and pipe sizes are part of the design criteria to ensure acceptable velocities are maintained to provide quiet operation and extended service life.



COLD WATER BOOSTERS:

- Designed to transfer water from storage tanks, reservoirs, town's mains etc. to remote locations such as roof tanks on top of city buildings.
- Selected to suit specific flow and head requirements, hydraulic characteristics and site conditions.
- Standard units are mounted on a common base plate with control panel fitted and pre-wired.

Applications:

- Water supply to apartments and office buildings, motels, shopping centres, factories and greenhouses
- Water supply for agricultural uses (irrigation systems)
- Water supply to systems requiring steady pressure (version with variable-speed pumps)
- Water supply to fire-fighting automatic sprinkler systems and/or hydrants



Packaged system hot water circulator

HOT WATER CIRCULATORS:

- Hot water circulators increase water pressures, specifically where gravity-fed hot water units are installed.
- The pump increases the water pressure so that the flow of water is comfortably high in showers, taps and any other domestic, industrial and residential water outlets.