

Energy Saving Control Systems



The Government introduced a Climate Change Levy across all businesses from April 2001 to encourage energy efficiency. It is intended to urge industry to reduce power consumption and hence fossil fuel emissions, in contribution towards the UK's international commitments on climate change. One of the qualifying 'energy efficient technologies' is variable speed drive.

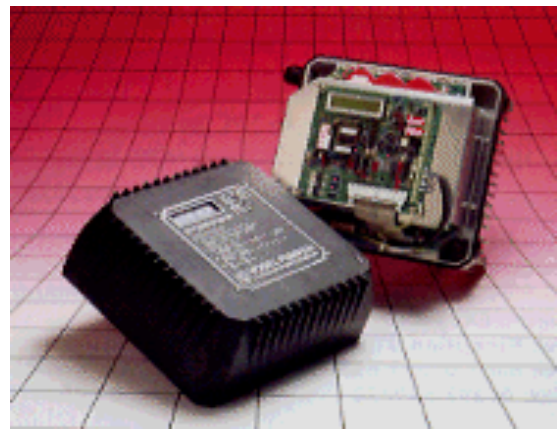
The *Hydrovar* does much more than just change motor speed. It truly manages your pump performance to match a wide range of system conditions, allowing energy savings of up to 70%. Due to the unique design, the *Hydrovar* can be mounted or retrofitted to any standard I.E.C. motor.

The *Hydrovar* eliminates the need for:

- Complex control panels
- System control valves
- Large pressure accumulators

Features

- Sizes available 1.5 to 45 kW
- Wall mounted versions available
- Shuts off at zero demand
- Mounted directly on standard I.E.C. motors
- L.C.D. display
- Connect up to 4 pumps together
- IP54 protection
- Anti-condensation heater
- Password protected



Hydrovar Protections

- Dry running
- Over / under voltage
- Motor over temperature
- Inverter over temperature
- Pump running beyond minimum pressure setting (1 pump only)
- Overload of pump
- Pressure sensor failure

How is the Hydrovar controlled?

The *Hydrovar* utilises a 4-20 mA signal to regulate the motor speed in order to meet the pre-set system requirements.

By controlling the motor in this way the user can make substantial savings in comparison to conventionally controlled systems.

Union Street, Pendlebury,
Swinton, Pendlebury
Manchester M27 4HL

Telephone: 0161 794 8038
Facsimile: 0161 794 8052



Email: sales@pumpgroup.co.uk

www.pumpgroup.co.uk
www.surpluspumps.co.uk