

STOKVIS ENERGY SYSTEMS

ECONOPRESS MINI PRESSURISATION UNITS

The Mini Pressurisation Unit is a compact wall mounted unit housing either one or two small pressurization pumps and associated control equipment for connecting to small Heating or Cooling installations within large domestic dwellings or small commercial / industrial installations.



THE ADVANTAGES OF A SEALED SYSTEM

- Elimination of corrosion due to the lack of contact between air / water within the system
- Elimination of large Expansion Tank within roof space of building
- Maintaining a positive pressure on System @ "Cold Fill" pressure

DESIGN

All of the equipment is mounted within a white powder coated casing with a flush mounted Pressure gauge on the face of the unit to indicate the system pressure.

Within the cabinet is housed a small make-up

tank complete with its own filling valve assembly, complying with the Water Regulations Guide, a small hydraulic pump capable of producing a pressure between 0.7 to 2.4 bar, pressure control switch, control circuit fuse, terminals and all necessary wiring to achieve the correct operation. Suitable connections are provided to allow system makeup, tank overflow and Connection to the system pipe work as well as electrical terminals for connecting the single phase, live, neutral and earth supply.

Technical data :-

Control Pressure switch :- Factory set at 1bar. Can be adjusted on site to 2.4bar max.

Pump unit :- Self priming piston pump. Type 508LA. Max. flow 80 litres/hour. Max. generated pressure 2.4bar. Pump connection 1/8 ".Nominal power consumption 25W.

Make up tank :- 4.5 litre capacity. Complies to WRC byelaw 11 regulation. System connection 1/4" BSPF. Water inlet connection 1/2" BSPM. Overflow connection 3/4".

Pressure switch :- Type 100SS. Adjustment range 0.7bar to 6bar. 15amp@250VAC. Overpressure 10 bar. (NB pump maximum pressure is 2.4bar)

Pressure gauge :- 50mm diameter Scaled 0..6bar (Dual scale)

Weights :- 8.5Kg empty.

Dimensions :- 350mm W x 300mmH x 200mmD

Electrical connections :- 240V single phase. Internal fuse 2A.

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