









# STOKVIS ENERGY SYSTEMS

## ECONOPRESS MICRO-S – PRESSURISATION UNIT



-  Compact wall-hung design
-  Full sized peripheral pump operated pressurisation unit
-  Non-dependant on mains pressure to satisfy system pressure requirements
-  Option of 2nd float valve where water mains pressure is low
-  All mechanical connections exit the base. Electrical connections on either side.
-  Strong 1.5mm mild steel construction fully powder coated
-  Pump anti seize pulse feature
-  Economically priced

### INTRODUCTION

The Econopress Micro-S is a compact single pump, single system, electronically controlled pressurisation unit.

Designed for use on heating or chilled water systems up to and including 2.8 Bar cold fill pressures.

All mounted in a fully enclosed, mild steel powder coated cabinet.

The unit is designed for ease of installation with all mechanical connections being terminated on the underside and all electrical connections on either side to suit site requirements.

### SYSTEM CONNECTIONS

- 1/2" BSPM connection to float valve(s)
- 1/2" BSPF connection to system
- 3/4" compression overflow connection

### VESSELS

A full range of replaceable bag/diaphragm expansion vessels are available to suit all systems.

Range: from 8 to 1000 ltr. (rated at 99°C & 10bar).

### ELECTRICAL

- Motor: Totally enclosed fan cooled
- Electrical supply: 230 a.c. single phase
- 0.37 kW / 2.5 amps FLC continuously rated
- Motor insulation: IP44 Class F

### PIPEWORK

Suction & discharge internal pipe-work complete with double check valves and twin isolation valves.

### BREAK TANK

1 No. 10 litre polypropylene tank with 1/2" float valve and a 22mm compression overflow connection. Second float valve option for low water pressure areas.

### PUMP

Constructed of a cast iron body with stainless trim, stainless steel shaft with a brass impeller. The pump incorporates a self-adjusting mechanical seal.

### CONTROLS

All within the integral enclosure, the controls feature :-

#### Electronic Controls for:

- Pump control
- High pressure alarm
- Low pressure alarm
- Daily anti-seize pump pulse
- Low water level

#### Alarms for:

- Low pressure
- High pressure

#### Volt free contacts for:

- Low pressure
- High pressure

#### Gauge for:

- System pressure

### DIMENSIONS / WEIGHT

Dimensions (mm): 385w x 345d x 315h  
Weight (kg.): 18 (dry) / 28 (wet)



STOKVIS ENERGY SYSTEMS 96R WALTON ROAD, EAST MOLESEY, SURREY, KT8 0DL.

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The Company pursues a policy of continuous improvement and reserves the right to change detail and specification without prior notice

# STOKVIS ENERGY SYSTEMS

## ECONOPRESS MICRO-S DIGITAL- PRESSURISATION UNIT



- 2-digit blue LED digital display
- Compact wall-hung design
- Possibly the smallest full sized peripheral pump operated pressurisation unit in the UK
- Non-dependant on mains pressure to satisfy system pressure requirements
- All mechanical connections exit the base. Electrical connections on either side.
- Strong 1.5mm mild steel construction fully powder coated
- Pump anti seize pulse feature
- Economically priced

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### CONTROLS

All within the integral enclosure, the controls feature :-

#### Electronic Controls for:-

- Pump control
- High pressure alarm
- Low pressure alarm
- Daily anti-seize pump pulse
- Low water level

#### Fault Alarms States:-

- Flashing LP + Audible Alarm = Low Pressure
- Flashing HP + Audible Alarm = High pressure
- Alarm Mute button

#### Volt free contacts for:-

- Low pressure
- High pressure

### DIGITAL DISPLAY

- Constant display of system pressure
- Information click through:-
  - LP - Low pressure setting
  - CF - Cold Fill Setting
  - HP - High Pressure setting

### DIMENSIONS / WEIGHT

Dimensions (mm): 385w x 345d x 315h  
Weight (kg.): 18 (dry) / 28 (wet)

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# STOKVIS ENERGY SYSTEMS

## ECONOPRESS EPS – PRESSURISATION UNIT



Dimensions (mm): 460w x 415d x 800h Weight (kg): 36



Strong 1.5mm mild steel construction



Fully powder coated RAL 5010 and RAL 7016



Can be either floor standing or wall hung



Digital LED Display



Single pump



Low water cut out to prevent dry running



Pump anti-seize pulse

### INTRODUCTION

- The Econopress EPS is a single pump, single system, electronically controlled pressurisation unit.
- Designed for use on heating or chilled water systems up to and including 2.8 Bar cold fill pressures.
- All mounted in a fully enclosed, mild steel powder coated cabinet.
- The unit is designed for ease of installation with all mechanical connections being terminated outside the main shell.

### SYSTEM CONNECTIONS

- 1/2" BSPM connection to float valve
- 1/2" BSPF connection to system
- 22mm compression overflow connection

### ELECTRICAL

- Motor: Totally enclosed fan cooled
- Electrical supply: 230 a.c. single phase
- F.L.C.: 2.5 amps / 370w continuously rated
- Motor insulation: IP44 Class F

### PIPEWORK

Suction & discharge internal pipework in copper/plastic capillary tubing, complete with system termination in a 1/2" BSPF.

### BREAK TANK

1 No. 4 Gallon polypropylene tank with 1/2" HP float valve and a 22mm compression overflow connection.

### PUMP

Constructed of a cast iron body with stainless trim, stainless steel shaft with a brass impeller. The pump incorporates a self-adjusting mechanical seal.

### VESSELS

A full range of replaceable bag/diaphragm expansion vessels is available to suit all systems.

Range: from 8 to 1000 ltr. (rated at 99°C & 10bar).

### CONTROLS

All within the integral enclosure, the controls feature :-

#### LED Indication for:

- System Pressure indication
- HP — high pressure
- LP — low pressure
- Transducer fail
- Service notification
- Fuse/pump fail
- Low water

#### Wiring Terminals for:

- Boiler/Chiller interlock
- Common fault

#### Panel Buttons for:

- Pump Test
- Alarm / Mute

#### PCB Control for:

- Anti-seize pulse
- Low Water protection
- System fill mode

HIGH PRESSURE VERSION AVAILABLE: Model No. ECONOPRESS EPS-HP  
Suitable for cold fill pressures up to 6.0 Bar / 0.37 kW and 3.41 amps FLC

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# STOKVIS ENERGY SYSTEMS

## ECONOPRESS EPT – PRESSURISATION UNIT



Dimensions (mm): 460w x 415d x 800h Weight (kg): 42

-  Strong 1.5mm mild steel construction
-  Fully powder coated RAL 5010 and RAL 7016
-  Can be either floor standing or wall hung
-  Digital LED Display
-  Twin pump
-  Low water cut out to prevent dry running
-  Pump anti-seize pulse
-  Automatic pump rotation

### INTRODUCTION

- The Econopress EPT is a twin pump, single system, electronically controlled pressurisation unit.
- Designed for use on heating or chilled water systems up to and including 2.8 Bar cold fill pressures.
- All mounted in a fully enclosed, mild steel powder coated cabinet.
- The unit is designed for ease of installation with all mechanical connections being terminated outside the main shell.

### SYSTEM CONNECTIONS

- 1/2" BSPM connection to float valve
- 1/2" BSPF connection to system
- 22mm compression overflow connection

### ELECTRICAL

- Motor: Totally enclosed fan cooled
- Electrical supply: 230 a.c. single phase
- F.L.C.: 2.5 amps / 370w continuously rated (each pump)
- Motor insulation: IP44 Class F

### PIPEWORK

Suction & discharge internal pipework in copper/ plastic capillary tubing, complete with system termination in a 1/2" BSPF.

### BREAK TANK

1 No. 4 Gallon polypropylene tank with 1/2" HP float valve and a 22mm compression overflow connection.

### PUMPS

Constructed of a cast iron body with stainless trim, stainless steel shaft with a brass impeller. The pumps incorporate a self-adjusting mechanical seal.

### VESSELS

A full range of replaceable bag/diaphragm expansion vessels is available to suit all systems. Range: from 8 to 1000 ltr. (rated at 99°C & 10bar).

### CONTROLS

All within the integral enclosure, the controls feature :-

#### LED Indication for:

- System Pressure indication
- HP — high pressure
- LP — low pressure
- Transducer fail
- Service notification
- Fuse/pump fail
- Low water

#### Wiring Terminals for:

- Boiler/Chiller interlock
- Common fault

#### Panel Buttons for:

- Pump 1 Test
- Pump 2 Test
- Alarm / Mute

#### PCB Control for:

- Pump rotation
- Anti-seize pulse
- Low Water protection
- System fill mode

HIGH PRESSURE VERSION AVAILABLE: Model No. ECONOPRESS EPT-HP  
Suitable for cold fill pressures up to 6.0 Bar / 0.37 kW and 3.41 amps FLC








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# STOKVIS ENERGY SYSTEMS

## ECONPRESS EPS-ENH – ENHANCED PRESSURISATION UNIT



-  Single pump model
-  Strong 1.5mm mild steel construction
-  Fully powder coated RAL 5010 and RAL 7016
-  Can be either floor standing or wall hung
-  20 x 2 LCD Display
-  Full function and condition indication
-  Low water cut out to prevent dry running
-  Pump anti-seize pulse feature

### INTRODUCTION

- The Econopress EPS-ENH is a single pump, single system, electronically controlled enhanced pressurisation unit.
- Designed for use on heating or chilled water systems up to and including 2.8 Bar cold fill pressures.
- All mounted in a fully enclosed, mild steel powder coated cabinet.
- The unit is designed for ease of installation with all mechanical connections being terminated outside the main shell.

### ELECTRICAL

- Motor: Totally enclosed fan cooled
- Electrical supply: 230 a.c. single phase
- F.L.C.: 2.5 amps/370w continuously rated
- Motor insulation: IP44 Class F

### VESSELS

A full range of replaceable bag/diaphragm expansion vessels are available to suit all systems.  
Range: from 8 to 1000 ltr. (rated at 99°C & 10bar)

### PUMP

Constructed of a cast iron body with stainless trim, stainless steel shaft with a brass impeller. The pump incorporates a self-adjusting mechanical seal.

### PIPEWORK

Suction & discharge internal pipe-work in copper/plastic capillary tubing, complete with system termination in a 1/2" BSPF.

### SYSTEM CONNECTIONS

- 1/2" BSPM connection to float valve
- 1/2" BSPF connection to system
- 22mm compression overflow connection

### BREAK TANK

1 No. 4 Gallon polypropylene tank with 1/2" HP float valve and a 22mm compression overflow connection.

### DIMENSIONS / WEIGHT

Dimensions (mm): 460w x 415d x 800h  
Weight: 36 kg

HIGH PRESSURE VERSION AVAILABLE: Model No. ECONOPRESS EPS-ENH-HP  
Suitable for cold fill pressures up to 6.0 Bar / 0.37 kW and 3.41 amps FLC

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**ECONOPRESS EPS-ENH CONTROLS**

All within the integral enclosure, the controls feature :-

- Door interlocked isolator
- Digital display of all conditions

**Additional lamp display for:**

- Alarm activated
- Low water
- Pump auto operation
- Pump off
- Pump hand operation
- Pump run
- Pump trip

**PCB control features including:**

- Anti-seize pulse
- Low Water protection
- System fill mode
- Audible sounder for alarms
- Alarm mute

**Main V.F. contacts for:**

- Remote stop
- Boiler / Chiller interlock
- Common fault

**Additional V.F. contacts for:**

- Pump run
- Pump trip
- Low water level
- High water level
- Low pressure
- High pressure
- Frequency of starts
- Flood alarm
- Transducer failure











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# STOKVIS ENERGY SYSTEMS

## ECONOPRESS EPT-ENH – ENHANCED PRESSURISATION UNIT



-  Twin pump model
-  Strong 1.5mm mild steel construction
-  Fully powder coated RAL 5010 and RAL 7016
-  Can be either floor standing or wall hung
-  20 x 2 LCD Display
-  Full function and condition indication
-  Low water cut out to prevent dry running
-  Pump anti-seize pulse feature

### INTRODUCTION

- The Econopress EPT-ENH is a twin pump, single system, electronically controlled enhanced pressurisation unit.
- Designed for use on heating or chilled water systems up to and including 2.8 Bar cold fill pressures.
- All mounted in a fully enclosed, mild steel powder coated cabinet.
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### ELECTRICAL

- Motor: Totally enclosed fan cooled
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- F.L.C.: 2.5 amps/370w continuously rated
- Motor insulation: IP44 Class F

### VESSELS

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Range: from 8 to 1000 ltr. (rated at 99°C & 10bar)

### PUMPS

Constructed of a cast iron body with stainless trim, stainless steel shaft with a brass impeller. The pumps incorporate a self-adjusting mechanical seal.

### PIPEWORK

Suction & discharge internal pipe-work in copper/plastic capillary tubing, complete with system termination in a 1/2" BSPF.

### SYSTEM CONNECTIONS

- 1/2" BSPM connection to float valve
- 1/2" BSPF connection to system
- 22mm compression overflow connection

### BREAK TANK

1 No. 4 Gallon polypropylene tank with 1/2" HP float valve and a 22mm compression overflow connection.

### DIMENSIONS / WEIGHT

Dimensions (mm): 460w x 415d x 800h  
Weight: 42 kg

HIGH PRESSURE VERSION AVAILABLE: Model No. ECONOPRESS EPT-ENH-HP  
Suitable for cold fill pressures up to 6.0 Bar / 0.37 kW and 3.41 amps FLC

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**ECONOPRESS EPT-ENH CONTROLS**

All within the integral enclosure, the controls feature :-

- Door interlocked isolator
- Digital display of all conditions

Additional lamp display for:

- Alarm activated
- Low water
- Pump 1 auto operation
- Pump 2 auto operation
- Pump 1 off
- Pump 2 off
- Pump 1 hand operation
- Pump 2 hand operation
- Pump 1 run
- Pump 2 run
- Pump 1 trip
- Pump 2 trip

PCB control features including:

- Anti-seize pulse
- Low Water protection
- System fill mode
- Alternating pump start
- Audible sounder for alarms
- Alarm mute

Main V.F. contacts for:

- Remote stop
- Boiler / Chiller interlock
- Common fault

Additional V.F. contacts for:

- Pump 1 run
- Pump 2 run
- Pump 1 trip
- Pump 2 trip
- Low water level
- High water level
- Low pressure
- High pressure
- Frequency of starts
- Support pump started
- Flood alarm
- Transducer failure

