

## Data sheet

### Technical data

|                     |       |
|---------------------|-------|
| Mains frequency $f$ | 50 Hz |
| Rated power $P_2$   | 370 W |

## Ordering information

### Product data

|                            |                   |
|----------------------------|-------------------|
| Brand                      | Wilo              |
| Product description        | P235              |
| Article number             | 2819495           |
| EAN number                 | 5013608000612     |
| Colour                     | Green/silver/grey |
| Minimum order quantity     | 1                 |
| Date of sales availability | 2012-06-01        |

### Dimension, weight

|                           |         |
|---------------------------|---------|
| Length with packaging     | 1000 mm |
| Length $L$                | 455 mm  |
| Height with packaging     | 925 mm  |
| Height $H$                | 775 mm  |
| Width with packaging      | 800 mm  |
| Width $W$                 | 350 mm  |
| Gross weight, approx. $m$ | 48 kg   |
| Net weight, approx. $m$   | 33 kg   |

### Packaging

|                    |                     |
|--------------------|---------------------|
| Number per layer   | 4                   |
| Packaging property | Transport packaging |
| Packaging type     | Europallet          |
| Pieces per pallet  | 4                   |

## Tender text

The Wilo Comfort twin pump pressurisation units (duty / standby) are designed for use on heating or chilled water systems up to and including 3.5, 6.0 and 8.0 bar cold fill pressures.

The unit is fitted with an 18 litre polypropylene break tank c/w type AB air gap to BS13077:2008 and water regulations 1999, Wras approved equilibrium ball float valve to BS1212 and a low water float switch and strainers for pump protection.

Each pump is fitted with a non return valve and quick release couplings for ease of maintenance. The pressure transducer monitors the system pressure and feeds a 0-10v signal to the comfort controller.

Comfort Controller is complete with the following features:

- > System leak alarm
  - > Excessive starts alarm
  - > Alarm log
  - > Hours Run
  - > Automatic duty rotation
  - > Connectivity: BACnet = RS485 interface, BACnet MS/TP protocol
- 2 wire BACnet
- Volt Free Contacts are supplied with terminals for common, normally open and normally closed.
- (5A, 230V)
- Pump no.1 trip, Pump no. 1 run, Pump no.2 trip, Pump no. 2 run, High Pressure, Low Pressure, Excess starts, Low water and Boiler Interlock (NC only)
- (10A, 230V)
- To be selected from Power fail, Common alarm, Common pressure alarm
- Standards Applied:
- Low Voltage and Machinery Directive 2006/42/EC, EMC Directive EMC 2004/108/EC, BSEN809, BS7074-1 to 3, BS13077:2008 and water regulations 1999.
- > User friendly interface that has a 2 line LCD backlight display
  - > Healthy / fail LED
  - > Password protection
  - > System Fill for initial fill of system
  - > Pump check routine, that runs both pumps for 2 seconds if inactive for 7-90 days
  - > Pump trip and fail alarms

## Technical data

|                     |        |
|---------------------|--------|
| Height <i>H</i>     | 775 mm |
| Length <i>L</i>     | 455 mm |
| Net weight, approx. | 33 kg  |
| Width <i>W</i>      | 350 mm |