

# Product data sheet Spirotech

## Product name

**EMCK Duo 300L max 4bar Twin**

## Product properties

The MultiControl Kompakt DUO Twin is an automatic expansion and pressure-maintaining device. The unit contains 2 pumps (2x 50%) and 2 overflow valves. An unpressurised expansion tank is integrated.

- 2 pumps (2x 50%)
- 2 overflow valves (2x 100%)
- Comes with 6 possible vessel volumes: 45, 75, 125, 200, 300 or 500 liters
- Two further unpressurized expansion vessels can be added
- Operational pressure range up to 8.1 bar
- Maximum expansion volume: 45 – 1,500 liters
- The maximum temperature at the point of connection: 70°C (over 70°C possible with auxiliary tank)
- Maximum safety temperature in the system: 110°C
- Maximum operating pressure (PN): 10 bar

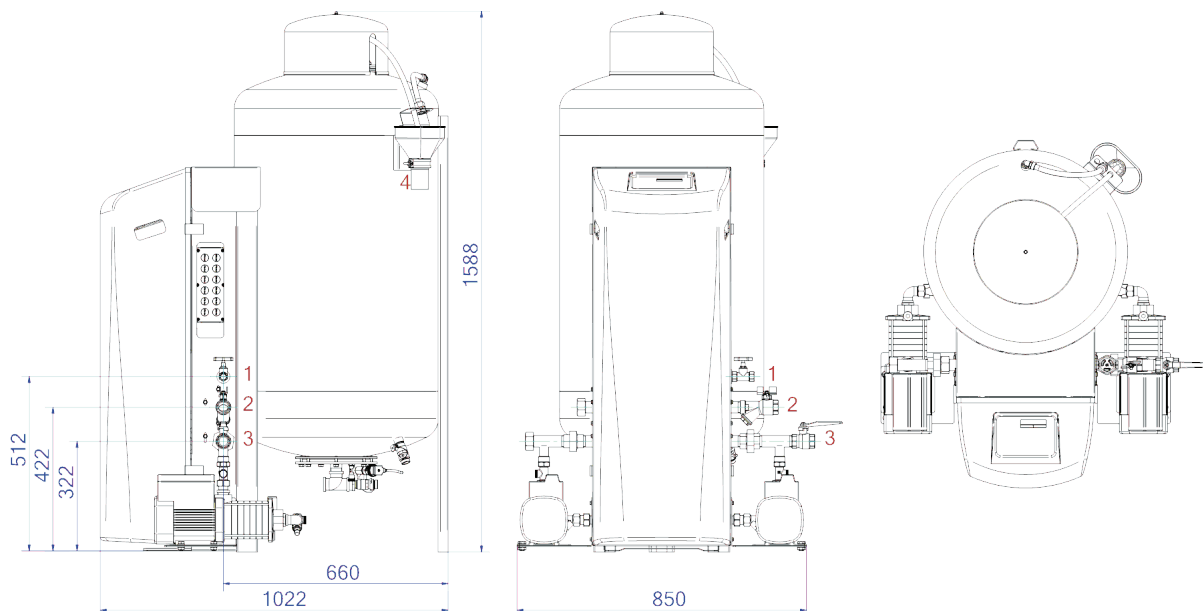
## Article number

**EMCK-D300-4.0-twin**

## Product image



## Product dimensions



|                            |       |                                   |              |
|----------------------------|-------|-----------------------------------|--------------|
| 1. Refill connection       | Rp1/2 | 3. Expansion pressure pipe        | Rp1          |
| 2. Expansion overflow pipe | Rp1   | 4. Drain funnel tank safety valve | DN50 Geberit |

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## ETIM product data

|                                |                            |
|--------------------------------|----------------------------|
| Height                         | 1577 mm                    |
| Volume                         | 300 l                      |
| Max. operating pressure        | 4 bar                      |
| Connection                     | Other                      |
| Power consumption              | 1.1 kW                     |
| Couplable                      | Yes                        |
| Electrical connection          | Connection cable with plug |
| Function master/slave          | No                         |
| With pressure expansion vessel | Yes                        |
| Digital control unit           | Yes                        |

|                                       |             |
|---------------------------------------|-------------|
| Double pump/compressor unit           | Yes         |
| With exchangeable membrane            | Yes         |
| Compressor in base                    | No          |
| Nominal diameter expansion connection | 1 inch (25) |
| Max. medium temperature (continuous)  | 70 °C       |
| For heating systems up to             | 1 MW        |
| Horizontal positioning                | No          |
| Connection voltage                    | 230 V       |
| Article compression class             | PN 10       |
| Operating principle                   | Pump        |

### Disclaimer

This product sheet has been compiled with the greatest possible care. Nevertheless, it may contain errors or omissions. For the most current and correct information we refer you to our website.

