# Product data sheet Spirotech

## Product name

**SpiroVent Superior S400 -Refill**

## Article number

**MV04R50**

## Product properties

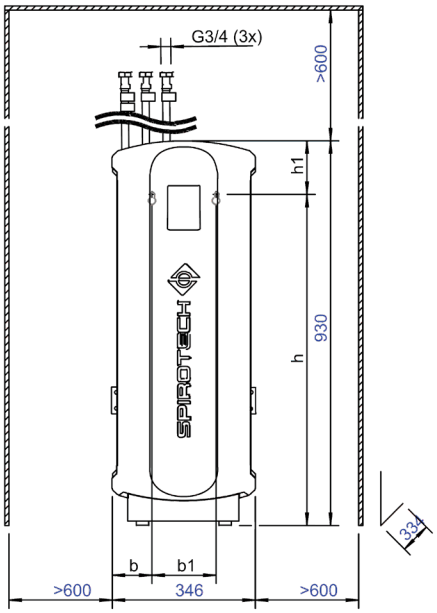
A fully automatic vacuum degasser for closed heating, cooling and process systems with a pressure between 1 and 4 bar.
I: insulated
B: with break tank
R: with direct refill

- Applicable for systems with pressures between 1 & 4 bar
- Removes all gases, free air, microbubbles and dissolved gases
- Absorptive fluid ensures the removal of trapped gas bubbles
- Easy installation, reducing commissioning and handover
- Energy-efficient whilst still achieving the lowest possible gas concentration thanks to SmartSwitch
- Degassed (re)filling and sustained pressure
- Warns before (re)filling becomes excessive
- An extensive range for a wide variety of systems
- Can team up with all common expansion systems
- Remote access via LAN or Wi-Fi
- The B and R versions have an integrated automatic refill system
- Two-year guarantee

## Product image




## Product dimensions



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## ETIM product data

| | |
|---|---|
| **Height** | 930 mm |
| **With insulation** | No |
| **Max. glycol mixture** | 40 % |
| **Article pressure rating** | PN 10 |
| **Suitable for closed system** | Yes |
| **Max. installation content** | 100000 l |
| **Width** | 346 mm |
| **Depth** | 334 mm |
| **Connection voltage** | 207 - 253 V |
| **Max. flow rate** | 500 l/h |
| **Connection size inlet** | 3/4 inch |
| **Connection inlet** | Internal thread cylindrical BSPP-G (ISO 228-1) |
| **Connection size outlet** | 3/4 inch |
| **Connection outlet** | Internal thread cylindrical BSPP-G (ISO 228-1) |
| **Connection size refill/top-up** | 3/4 inch |
| **Connection type refill/top-up** | Internal thread cylindrical BSPP-G (ISO 228-1) |
| **Frequency** | 50 Hz |

| | |
|---|---|
| **Sound pressure level** | 55 dB(A) |
| **Ambient temperature** | 0 - 40 °C |
| **Degree of protection (IP)** | IP44 |
| **Operating pressure** | 1 - 4 bar |
| **With backflow safeguard** | Yes |
| **LAN connection** | Yes |
| **Max. electric power input** | 0.5 kW |
| **Wi-Fi** | Yes |
| **With communication interface RS-485** | Yes |
| **Communication interface inverter MOD-Bus** | Yes |
| **Bluetooth** | No |
| **Supporting protocol for BACnet** | No |
| **Potential free switch contact** | Yes |
| **Touchscreen operation** | Yes |
| **Remote controllable function** | Yes |
| **Nominal current** | 3.1 A |

**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.