

**SPIROTECH SPECIFICATION SHEET**



Product: SpiroVent Superior

Type: S400-BI  
MV04B50I

Customer: 1

Project: 2

Date: 09/07/2018

Reference: 3

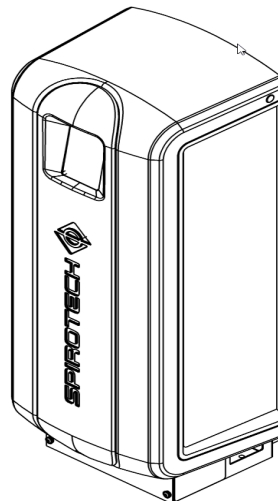
**Design criteria**

Medium: Water / glycol (max 40%)  
 processing capacity: 500 l/h  
 Max system volume: 100 m3  
 Min. Pressure: 1 bar-g  
 Max. pressure: 4 bar-g  
 Min. Temperature: > 0 °C  
 Max. working temperature: 90 °C  
 Ambient temperature: 0-40 °C  
 Refill fluid temperature: 0-60 °C  
 Refill fluid pressure: 1 - 10 bar-g

**Connections (flexible):**

Inlet / outlet: G3/4"  
 Refill: G3/4"  
 Main pump: Multistage centrifugal  
 Break tank suitable for: Cat. 5 fluid

**Drawing:**



**Testing and quality assurance**

Running test: yes  
 Test medium: Water  
 High voltage test: yes  
 Test certificate: no  
 CE-marking: yes  
 Material certificates (structural parts): no

**Dimensions & weight:**

Height: 930 mm  
 Width: 346 mm  
 Depth: 334 mm  
 Dry weight (approx): 35 kg  
 Noise level: 55 dB(A)

**Construction materials**

Vessel: AISI304  
 Fittings / hoses: Brass / epdm  
 Pump: AISI304/coated cast iron  
 Deaeration cap: Brass  
 Valve sealing: Viton  
 Float: PP  
 Casing: Synthetic (PS and EPP)  
 Insulation: Armaflex AF2-22  
 Color: Yellow (RAL 1003) and black

**Power supply:**

Voltage: 230V / 50Hz  
 Power consumption: 0,5 kW  
 Protection level: IP44

**Interface:**

touch screen: yes  
 wired LAN: yes  
 Wifi: option  
 remote monitoring and control: yes  
 data encryption: yes

**B.M.S. Contacts:**

boiler interlock: Voltage free  
 common fault: Voltage free  
 communication: RS485  
 External refill: 5 VDC

Subject to changes