

# SPIROTECH SPECIFICATION SHEET



Product: SpiroVent Superior /Breaktank /Insulated

Customer:

Project:

Reference:

Type:

S600-BLI  
MV06BL60I

Date:

2/16/2023

## Design criteria

|                           |                          |
|---------------------------|--------------------------|
| Medium:                   | Water / glycol (max 40%) |
| Processing Capacity:      | 1000 l/h                 |
| Max system volume:        | 325 m <sup>3</sup>       |
| Min. Pressure:            | 1 bar-g                  |
| Max. pressure:            | 3 bar-g                  |
| Min. Temperature:         | 0 °C                     |
| Max. temperature:         | 90 °C                    |
| Ambient temperature       | 0-40 °C                  |
| Refill fluid temperature: | 0-60 °C                  |
| Refill fluid pressure:    | 1-10 bar-g               |
| Refill Capacity:          | 300 l/h                  |
| Main pump:                | Multistage centrifugal   |
| Break tank suitable for:  | Cat. 5 fluid             |

## Connections (flexible)

|                 |       |
|-----------------|-------|
| Inlet / outlet: | G3/4" |
| Refill:         | G3/4" |

## Testing and quality assurance

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

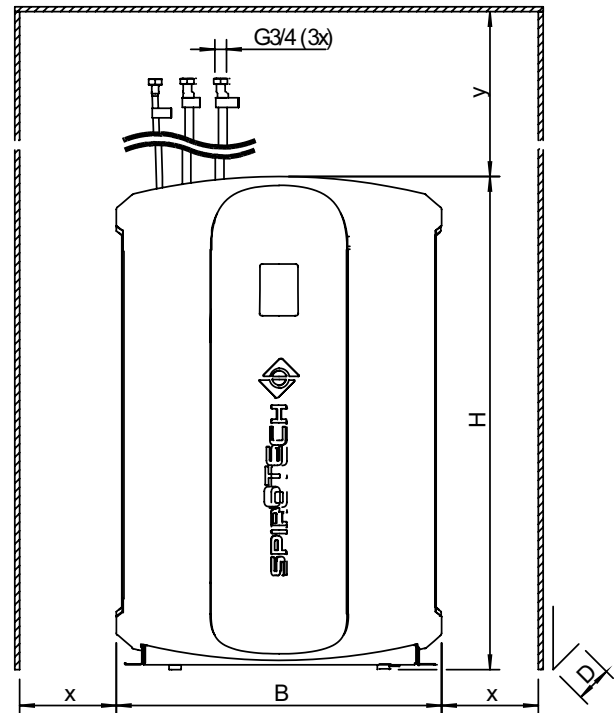
## Construction materials

|                   |                             |
|-------------------|-----------------------------|
| Vessel:           | S235 JRG2                   |
| 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 |

## Interface

|                                |     |
|--------------------------------|-----|
| Touch screen:                  | yes |
| Wired LAN                      | yes |
| Wifi:                          | yes |
| Remote monitoring and control: | yes |
| Data encryption:               | yes |

## Drawing



## Dimensions

|                      |          |
|----------------------|----------|
| H:                   | 1020 mm  |
| B:                   | 673 mm   |
| D:                   | 360 mm   |
| x:                   | >600 mm  |
| y:                   | >600 mm  |
| Dry weight (approx): | 64.8 kg  |
| Noise level:         | 57 db(A) |

## Power supply

|                    |             |
|--------------------|-------------|
| Voltage:           | 230V / 60Hz |
| Power consumption: | 0.8 kW      |
| Protection level   | IP44        |

## B.M.S. Contacts

|                   |              |
|-------------------|--------------|
| Boiler interlock: | Voltage free |
| Common fault:     | Voltage free |
| Communication:    | RS485        |
| Remote refill:    | 5 VDC        |

Subject to changes