

# The S3 has evolved...

...Introducing the new, more powerful & intelligent

# S4

## SpiroVent Superior - Vacuum Degasser

The S4 is the latest in Spirotech's range of SpiroVent Superior Vacuum Degassers, which offer unrivalled performance in the removal of gasses from heating, cooling and process systems.

### Key benefits of the S4 over the S3:

- Improved operating pressure levels from 3.5 to 4.5 bars.
- Increased operating temperature from 70°C to 90°C.
- Increased operating system volume from 15m<sup>3</sup> to 25m<sup>3</sup>.
- More powerful pump with vibration reduction technology.
- Input for receiving refill signals from an external building management system.



# S4

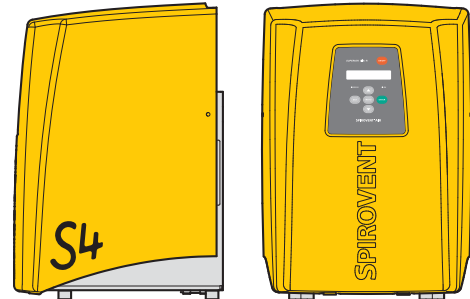
## SpiroVent Superior - Vacuum Degasser

SPIROVENT®

### Why install the S4 SpiroVent Superior?

Optimum system performance is achieved when air is kept to a minimum. If air is not removed sufficiently, numerous complaints and problems can arise such as annoying noises, frequent need for manual venting, deteriorating pump performance, and an imbalance in the system. All these things result in higher energy consumption, complaints and failures that often require costly and immediate action.

The S4 is available in two models. The S4A which offers deaeration only and the S4A-R that offers deaeration and an automatic system refill function. The combination of the S4's compact size and powerful performance make it the ideal solution for large apartment blocks and office blocks up to 10,000 m<sup>2</sup>.



## “The ideal solution for large apartment and office blocks”

### How the SpiroVent Superior works

A continuously operating pump constantly takes a quantity of system fluid from the circulating flow. Closing a solenoid valve creates a vacuum so that the dissolved gases can be released via the air vent. The degassed and absorptive fluid is then pumped back into the system and the cycle continues.

### Features and benefits of the SpiroVent Superior

- Removes dissolved gases
- Absorptive fluid also ensures the removal of trapped gas bubbles
- Greatly reduces commissioning times and delivery times
- Plug and play
- Energy efficient thanks to SmartSwitch
- Automatically degassed (re)filling and sustained pressure

	S4A	S4A-R
Max. system volume [m <sup>3</sup> ]	25	25
System pressure [bar]	1 - 4.5	1 - 4.5
Temperature of system fluid [°C]	0 - 90	0 - 90
Fluid treated (degassed) [l/h]	70	70
Refill volume [l/h] 1)	-	50
Refill pressure [bar]	-	0.5
Ambient temperature [°C]	0 - 40	0 - 40
Dimensions [HxWxD]	490x340x340	490x340x340
Noise level [dB(A)]	52	52
Empty weight [kg]	16	17
Supply voltage [V]	230	230
Power consumption [watt]	100	100
Article number 50Hz	MAD4A50	MAD4R50
Article number 60Hz	MAD4A60	MAD4R60

1) An approved non-return protective device (G¾" male) is available as an option.



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FOR BETTER PERFORMANCE