

SPIROVENT® SUPERIOR

Fast, easy and complete removal
of dissolved gases from system fluid



Industry-leading
2 year guarantee



Quick and easy
installation



Energy saving



Works perfectly with all
common expansion systems



Protection against
accidental refilling



Significantly reduced
commissioning times

maximising performance

SPIROVENT[®] SUPERIOR

Today's highly energy-efficient heating and cooling systems offer optimal performance with as little air as possible in the system water. Air often causes unnecessary complaints, excessive wear, reduced efficiency and avoidable disruption of processes.



After initial venting, a heating, cooling or process system will still contain microbubbles and dissolved gases. What's more, air will continue to get in through (micro) leaks and may enter while work is being carried out on the system. Depending on pressure, temperature and other system characteristics, air can be taken out with a deaerator or a vacuum degasser. A vacuum degasser is generally preferred for systems with small temperature fluctuations or a relatively high static head.

SpiroVent Superior Family

EFFECTIVE AND EFFICIENT VACUUM DEGASSERS

SpiroVent Superior vacuum degassers are installed in a bypass in the main flow of heating and cooling systems. Part of the system fluid is temporarily placed in a vacuum. Gases dissolved in the fluid are released, separated and removed from the system. Reintroducing the degassed fluid into the system allows it to absorb further free air pockets from the circuit. Air-free installation fluid ensures optimum system performance, and also greatly reduces commissioning times.

Spirotech offers an extensive range of SpiroVent Superior vacuum degassers. All products can be used for both new build projects and for renovating heating, cooling and process systems. SpiroVent Superior vacuum degassers are available in a variety of designs, depending on system volume, pressure and desired functionalities. Spirotech has an outstanding track record in customising vacuum degassers for specific installations or environments and can advise the best possible solution for any situation.

Besides realising optimised system efficiency, all standard SpiroVent Superior models save extra energy thanks to the integrated SmartSwitch. This device ensures that the degasser is only operational when necessary.

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For heating and cooling systems 1 - 4.5 bar

Article number	Type	A x B x C (mm)	Max. system volume (m ³)	Temperature range (°C)	Operating pressure (bar)	Weight (kg)
MA04A50	S4A	490 x 340 x 340	25	0 - 90*	1 - 4.5	14
MA04R50	S4A-R	490 x 340 x 340	25	0 - 90*	1 - 4.5	15

* At > 4 bar = 0 -70

Max. 50% glycol

For heating and cooling systems 1 - 6 bar

Article number	Type	A x B x C (mm)	Max. system volume (m ³)	Temperature range (°C)	Operating pressure (bar)	Weight (kg)
MA06A50W	S6A	880 x 350 x 590	300	0 - 90	1 - 6	57
MA06R50W	S6A-R	880 x 350 x 590	300	0 - 90	1 - 6	59

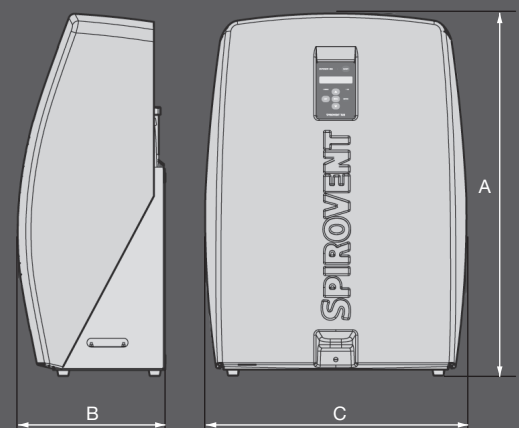
Max. 40% glycol

For heating and cooling systems 5 - 16 bar

Article number	Type	A x B x C (mm)	Max. system volume (m ³)	Temperature range (°C)	Operating pressure (bar)	Weight (kg)
MA10A50W	S10A	1272 x 400 x 744	300	0 - 90	5 - 10	77
MA10R50W	S10A-R	1272 x 400 x 744	300	0 - 90	5 - 10	79
MA16A50W	S16A	1272 x 400 x 744	300	0 - 90	9 - 16	90
MA16R50W	S16A-R	1272 x 400 x 744	300	0 - 90	9 - 16	92

Max. 40% glycol

For cooling applications, special insulated versions of the SpiroVent Superior S6, S10 S16 are available



For models with automatic refill (R), an approved optional non-return protective device is available:
 1/2" connection: TMA05
 3/4" connection: TMA06

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