

WINTER IS COMING ...AND SO IS THE HEATING SEASON!

By anticipating the system's winter needs and fixing any issues before they worsen, you can smoothly kick start the heating season for you and for your customers.



Follow these easy steps to achieve a **highly performant and energy efficient HVAC system.**

Start at the production

Ensure the **boiler or heat station** have been thoroughly serviced according to the market regulations.

Remove any deposits from the **dirt separator's** chamber. No dirt separator? Consider installing one to avoid clogged valves and broken components.



To be extra thorough, **flush the system** and test the corrosion inhibitor content.



Check the **vessel's pre-pressure** (Po) and recharge it if it's below the designed level.
(!) *If the lack of pressure comes from insufficient water content it could be an indication of system leaks.*

Check the **expansion vessel's** bag (or diaphragm) to ensure it is not ruptured. If so, you will need to replace it with a new one.

Start up the **pump** and verify that the settings are optimised for system needs.

Inspect that the **radiator head** is correctly mounted to the valve



If the radiator heads are **older than 10-15 years, replace them with new ones.** Badly functioning products always yield higher operating costs.

Verify the **system is correctly balanced** by checking that the different room radiators and each individual radiator panel have consistent temperatures.
(!) *For more precise measurement, use an infrared temperature gun.*

Test the **radiator valve** by removing it from the radiator head and checking that the valve's flow stroke operates properly when pressure is applied.



If temperature discrepancies are measured, re-adjust the pre-setting of the TRVs/ lock shields and check the temperature again after a few minutes. If that does not work, it could be due to air build up in the radiator, so you should vent it.
(!) *If the water comes out black and saturated with magnetite, flush the system if you did not so already.*