

Insulated silo



The insulated silo with GenaDome PRO is a fully thermally protected storage solution designed for growers who want to optimise water quality, reduce energy use, and future-proof their water and energy systems. This combination of full insulation and a freestanding dome offers reliable performance in a wide range of climates.

The silo is insulated on the sidewalls, bottom, and top, thanks to a floating insulated cover. This triple-layer thermal barrier minimises heat loss and evaporation while ensuring stable water temperatures all year round. The system can also serve as a thermal buffer in sustainable energy setups, supporting solutions such as CHP units or renewable sources. Thanks to its smart, modular design, the insulated silo is suitable for new builds and retrofits, and performs reliably in a wide range of climates, from cold northern winters to hot and dry regions.

What sets this system apart is the GenaDome PRO: a robust, self-supporting dome cover designed to withstand high wind and snow loads. It features a strong frame with a central support column and a reinforced membrane that protects the stored water from light, dirt, and weather. In combination with the insulated silo, the result is cleaner water, greater temperature stability, and a longer system lifespan.

This innovative water storage solution has been scientifically validated by Wageningen University & Research, confirming its ability to stabilise water temperature, save energy, and improve water quality, helping growers future-proof their operations and optimise water use in any environment.

Technical specifications

- Full thermal insulation: walls, bottom, and floating top cover
- Freestanding GenaDome PRO with central column and robust frame
- High-quality reinforced UV-resistant membrane
- Complete package including sealant and foam spray
- For new and existing silos
- No electronics required
- Modular design, fast installation
- Scientifically validated performance



- ✓ Ideal for sustainable water management in any climate
- ✓ Stable water temperature year-round
- ✓ Energy-efficient and low-maintenance

Would you like more information?

Go to **genap.com** or contact us directly to discuss the options.

