

Leaflet

HatchTech Cooling and Heating System

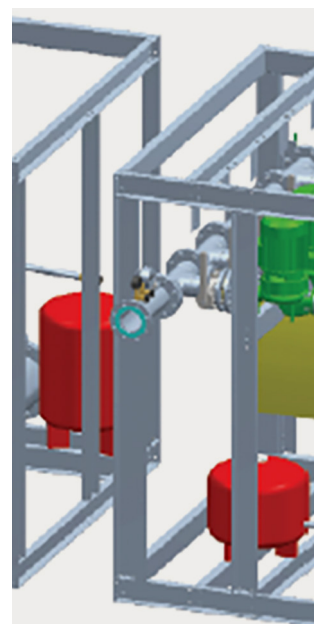
Cooling and heating are two of the most crucial aspects of proper operation of Setters, Hatchers, Ventilation Systems and other hatchery equipment. Each hatchery is unique, and identifying which heating and cooling equipment would be best for it is often a complex process. To determine this, you usually need to deal with many different specialists and suppliers, and assess a whole range of environmental factors and equipment requirements. Or, you can ask HatchTech.

- Modular system
- Complete control
- Maximum efficiency

In the years since HatchTech was founded, it has gained considerable knowledge and experience in developing and delivering optimal cooling and heating systems for hatcheries. As a true specialist in this field, the company has developed a unique assessment program and modular equipment system that enables us to design and build the ideal cooling and heating system for any hatchery. You are guaranteed to have a smooth operation at a minimum investment, and with the lowest running costs possible.

Equipment that perfectly fits your requirements

The most crucial step in identifying the best cooling and heating system for a hatchery is to first determine exactly how much kilowatt heating and cooling capacity the hatchery actually needs. Install too much, and you waste a proportion of your investment as the extra capacity goes unused. Install too little, and you will need to upgrade later, which demands further investment and causes production delays.



HatchTech

Cooling and Heating System

To avoid this, HatchTech has developed a unique assessment program – the Cool-Heat Program – which compiles specific hatchery data, including:

- The climate of the hatchery's location, including minimum, maximum and average outside temperatures and humidity levels.
- The estimated production volumes of day-old chicks.
- The requirements of the incubators, ventilation systems and other equipment.
- The local availability and price of energy sources.

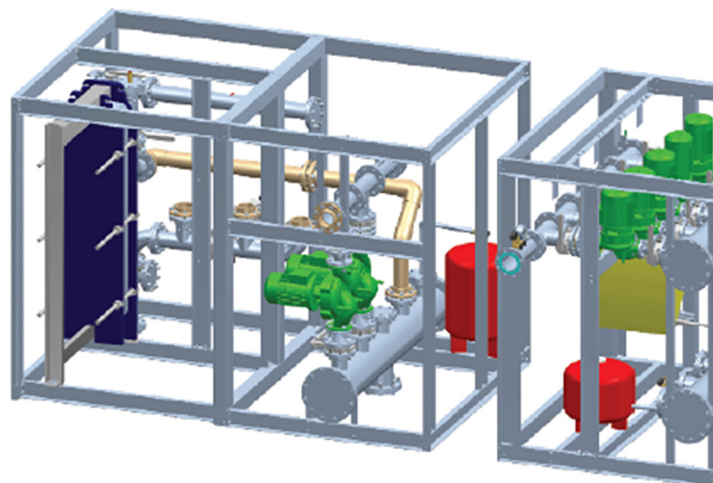
Based on this data, our program calculates exactly how much cooling and heating capacity will be required, which ensures that the equipment you invest in will perfectly meet your needs. In addition, the program identifies which set of equipment will save the most energy in your specific situation, thereby minimising running and energy costs.

Modular System: efficient, reliable, flexible

HatchTech has developed a range of modular units, which make it possible to create perfectly tailor-made cooling and heating systems. Each one contains a specific cooling or heating device together with all the parts necessary – such as pumps, Eco Energy Drivers™, sensors, tanks, and controllers – to distribute the cooling and heating throughout the hatchery. The Cool-Heat Program indicates how many of these modular units, and which types, are required to create optimal temperature conditions in every part of the facility.

The modular system of standardised units offers several benefits:

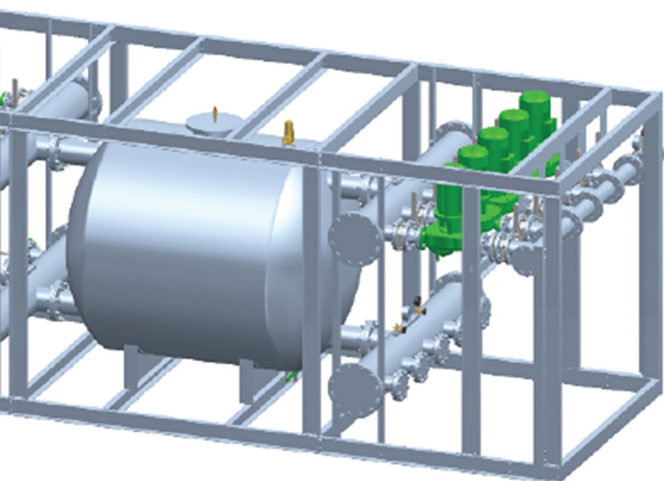
- You can define the size of your technical room early on in the engineering process. There is no risk of investing in a room that is too large or too small, and you can also determine building and running costs early on.



- The units are built in-house by our cooling and heating specialists, which is more efficient and economical than assembling them in the field.
- You can accurately plan the location and type of connection points, with no sudden surprises during installation – preventing extra costs and on-site delays.
- If the production capacity of the hatchery increases in the future, and the HatchTech Cooling and Heating System needs to be extended, extra modular units can be quickly and easily added whenever necessary.

Complete control over daily operations

All major hatchery equipment, including the HatchTech Cooling and Heating System, is connected to the HatchTech Management System, which enables you to manage all the crucial parameters of your installation. It gives you a clear overview of the current situation, as well as complete control over all aspects of your daily operations. The system also runs comprehensive analyses to identify those configurations that will be most energy efficient and produce the highest savings in the long term – something that improves your hatchery's bottom line even more.



The HatchTech Management System can also help you should problems ever arise. In the event of any unexpected problems, our support team can remotely log in to the system to access and analyse all the hatchery parameters, including the HatchTech Cooling and Heating System, and help you define and resolve the problem quickly and completely.



One supplier - one contact for installation, service and more

HatchTech supplies the three crucial elements of equipment that every hatchery needs: Setters and Hatchers, Ventilation Systems, and Cooling and Heating Systems. HatchTech's broad knowledge and experience in these specialised fields means you do not need to coordinate between multiple consultants and suppliers. Complex meetings about exactly what equipment is required, where each unit needs to be installed, or how the different elements should be integrated, are completely unnecessary. And because HatchTech's modular units are standardised, their maintenance and service are straightforward, and spare parts are always available.

One supplier also means one contact – HatchTech – for every single aspect of your hatchery installation: one contact for installation, service and more, and one-time customs clearance when receiving equipment. This also minimises unnecessary delays and extra costs, enabling you to focus on your own core business and work.





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