

We are proud to present the next generation of ground source heat pumps, the Danfoss DHP-H Opti Pro+.

Our new heat pump is designed to provide excellent comfort through maximum reliability and optimum cost efficiency. It is built on 40 years of experience in developing and supplying heat pumps for the European markets, and the DHP-H Opti Pro+ is truly a new gold standard that will meet future needs and bring about further energy savings.

From good to great.

The predecessor, the DHP-H Opti Pro, has been a best-seller for many years with satisfied customers all over Europe. This is not least thanks to the significant savings achieved, its efficient hot water production and high operational reliability.

But the DHP-H Opti Pro+ takes everything a step further. The newly-developed refrigerant circuit increases energy savings, and any user will appreciate the unique hot water production system, the intelligent control system and the new Optimum technology.

Minimum energy consumption

DHP-H Opti Pro+ has been designed to deliver optimal performance across all climate zones in Europe – and always with an unrivalled focus on minimizing energy consumption. In practice, this means a staggering reduction in energy consumption by up to 75% – created through new technologies and 40 years of know-how.

Danfoss DHP-Opti-Pro+

The best just got better through new technologies

40 years and still improving savings

Reduce your energy consumption by up to 75% with the DHP-H&L Opti Pro+.

Opti technology (including class A circulation pumps)

The Optimum technology increases the annual efficiency by about 6% compared to standard heat pumps. Speed controlled circulation pumps guarantees that daily operation is always adjusted according to the user's requirements and conditions.

Intelligent control system

Danfoss control system has been developed to provide maximum savings. The system uses an algorithm that ensures the lowest possible supply line temperature – while maintaining the desired indoor temperature.

Hot water production: HGW & TWS

The new patented HGW (Hot Gas Water heater) technology increases the annual efficiency of the hot water production by about 20%. Domestic hot water can be produced simultaneously with the heat production, providing plenty of hot water during heating season at a very low cost. The integrated TWS (Tap Water Stratification) technology provides 15% more hot water than conventional water heaters. The large surface area and orientation of the TWS coil ensure a plentiful supply of hot water.



The added “+” makes all the difference

- + **Reduce energy consumption** - Reduce your heating bills up to 75% with superior 4,8 SPF*
- + **Great payback period** - Significant savings means that the cost of the investment is paid back
- + **More hot water** – extra fast - Two state-of-the-art technologies enable 15% more hot water, quicker and at lower cost than any other heat pump with an integrated water heater
- + **Classic and Scandinavian design** - The elegant design is ideally suited to match any location.
- + **Extremely quiet operation**
- + **Online control and monitoring** - Safety and control through online remote control – anywhere and anytime
- + **Low-cost air conditioning** - Enjoy low-cost air conditioning in warm months
- + **Pool heating** - Cost-effective pool heating



- FREE Online kits as standard
- Connect to your broadband at NO additional costs.
- You are always up to date with the status of the heat pump
- 100% peace of mind that we are always monitoring your system 24/7
- Alarm and fault notification sent to the installer and to us immediately
- We can help you control your system remotely offering unrivaled technical support
- Online help during the start up procedure will give you peace of mind that all is OK..!
- We can diagnose any problems before we go to fix the problem thus minimizing the down time of the heat pump
- We are always there watching over your system 24/7/365



SERVICES AVAILABLE

- Technical Support
- Installation and Setup
- Maintenance
- Application Support
- Hardware Support
- Customized CAD Drawings
- Guaranteed Warranty

Remote control your heat pump everywhere, anytime



Danfoss OnLine monitors the heat pump through the Internet either via PC, tablet or smartphone. This reliable and easy -to-use tool provides added control and efficiency.

Control

Keep an eye on the inside and outside temperature and see the current operating status. Safety

Danfoss OnLine monitors the heat pump system round-the-clock. If anything unexpected occurs, OnLine activates an alarm. The alarm can be sent via e-mail to the user or you. This means that any fault can be quickly rectified – in some cases remotely.



Economy

Danfoss OnLine delivers optimal performance and cost-saving benefits by allowing users to regularly control the operation of the heat pump system. And with the calendar function it is easy to adjust the temperature according to specific needs.

Security & Peace of Mind

Controlling your heat pump has just become Child's play. With the new Danfoss OnLine kit you have complete control over your heating system with the touch of a button. This system offers peace of mind, security and knowing that we are always watching over your system ensure rapid response to any issues.



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