

## NØRDIS ULTIMA

### R290 AIR TO WATER HEAT PUMP

#### NØRDIS ULTIMA R290 - TODAY'S COMFORT WITH TOMORROW IN MIND

Protecting the world today means safeguarding the future. That's why we are committed to offering solutions that provide comfort while fulfilling our responsibility to the environment.

**INTRODUCING THE NEW NØRDIS ULTIMA AIR SOURCE HEAT PUMP**, setting new standards for performance and sustainability. Utilizing R290 refrigerant with a GWP of only 3 and offering flow temperatures of up to 75°C, it provides versatile application options.



### NØRDIS Ultima Monoblock Split

## THE ULTIMA PERFORMANCE

### R290 Monoblock Split type

The NØRDIS Ultima system was carefully crafted to optimize energy savings through its ultra-high efficiency rating and whisper-quiet operation.

Recent advancements in DC inverter technology, integrated across internal components such as the compressor, fan, and water pump, have been instrumental in driving the success of our Ultima line.



## FEATURES



Natural and ecological refrigerant R290 with low GWP of 3



High leaving water temp. 75°C



High energy efficiency. A+++ energy class



Minimum operation air temperature: -25°C



Full inverter technology



Ultra quiet operation



Wi-Fi module for control via Smartphone



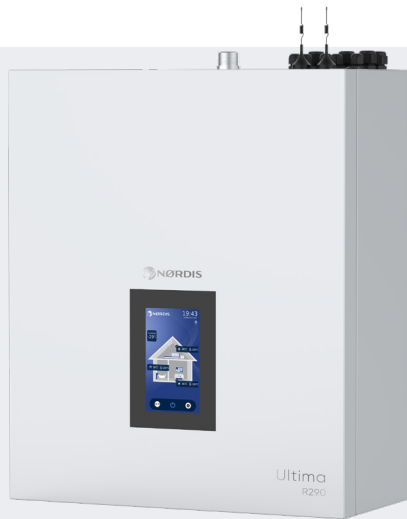
User friendly controller

## INTUITIVE USER-FRIENDLY CONTROL



- **Unique Design Color Screen:** Experience our distinctive display design for the best experience.
- **Intuitive Touch Interface:** Effortlessly navigate with user-friendly touch controls.
- **Crystal-Clear LCD Display:** Enjoy high-definition visuals for clarity.
- **Wi-Fi Connectivity:** Stay connected with built-in Wi-Fi for online access.
- **Remote App Control:** Manage your device easily with a dedicated mobile app.

The Ultima system can be configured with two types of indoor units: A compact unit without a built-in tank and A unit with an integrated 250-litre tank for domestic hot water preparation



### Indoor unit without an integrated KVR tank



Operates automatically based on usage habits



Priority control for hot water with anti-legionella function



ECO mode



Dual heating/cooling curves



Intelligent use of the electrical grid



Daily scheduling



Weekly scheduling



The main advantage of the Ultima Mono-Split system is the separate hydraulic system relocated to the indoor unit. This ensures that the most sensitive part of the system is protected from adverse weather conditions, significantly increasing the unit's lifespan.

Each system component – the indoor unit with the hydraulic system and the outdoor unit with the refrigerant system – features independent control automation. This ensures convenient installation, operation, and maintenance.



### Indoor unit with an integrated KVR tank



Operates automatically based on usage habits



Priority control for hot water with anti-legionella function



ECO mode



Dual heating/cooling curves



Intelligent use of the electrical grid



Daily scheduling



Weekly scheduling



250-litre hot water tank







### R290: The Eco-Friendly Refrigerant Solution

R290, praised as a natural refrigerant, leads environmental responsibility in heat pump technology. Its zero ozone threat and remarkably low GWP of 3 underscore its dedication to environmental preservation, making it appealing for conscientious consumers.

R290's high thermal conductivity improves heat transfer, enhancing system efficiency and reducing energy costs. Its unique properties enable reliable operation at ultra-low temperatures.

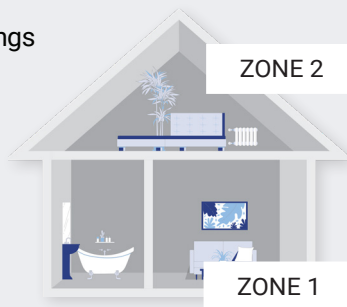
### R290 vs R32

# 99.6 %

Less Carbon Emissions  
with R290

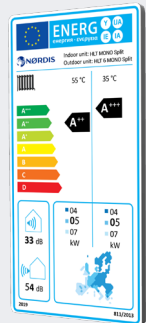
### Dual water temperature settings

A dual temperature control system provides separate control for two zones within the home.



### Energy Efficiency Class A+++

The top-quality components are matched for optimal performance. Intelligent control ensures quiet, stable operation, achieving an impressive A+++ energy efficiency rating to reduce consumption significantly.



### Full Inverter Technology

NØRDIS integrated inverter technology into the unit's critical components, such as the Inverter Compressor, DC Fan Motor, and DC Water Pump. This intelligent system dynamically adjusts the running speed of these components based on usage, ensuring optimal energy efficiency, whisper-quiet operation, and consistent performance.