

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.

Outdoor model			HLT 6 MONO Split	HLT 9 MONO Split	HLT 12 MONO Split	HLT 16 MONO Split
Power Supply		V/Hz/Ph	220-240/50/1			380-415/50/3
Heating A7W35	Capacity	kW	3.1 - 6.7	3.1 - 9.5	3.8 - 12.0	5.6 - 16.5
	Power Input	kW	0.68 - 1.5	0.59 - 2.09	0.9 - 3.07	1.12 - 4.17
	COP Max.	W/W	4,83	5,1	4,8	5,05
Heating A7W45	Capacity	kW	3.0 - 6.5	2.7 - 9.0	3.7 - 11.0	5.3 - 15.5
	Power Input	kW	0.6 - 1.8	0.73 - 2.4	1.1 - 3.35	1.37 - 4.77
	COP Max.	W/W	3,86	4	3,7	3,85
Cooling A35W18	Capacity	kW	2.4 - 5.4	2.4 - 8.0	5.0 - 10.2	6.9 - 13.2
	Power Input	kW	0.51 - 1.3	0.77 - 2.1	1.4 - 2.84	1.54 - 3.65
	EER Max.	W/W	4,23	4	3,9	4,4
Cooling A35W7	Capacity	kW	1.3 - 3.7	1.8 - 6.0	3.6 - 7.5	4.8 - 10.1
	Power Input	kW	0.47 - 1.26	0.72 - 1.95	1.33 - 2.74	1.55 - 3.54
	EER Max.	W/W	2,95	3,05	2,9	3,05
Workable Ambient Temperature Range		°C	-25 ~ +45			
Max. System Water Temperature (Heating / Cooling)		°C	75 / 20			
Min. System Water Temperature (Heating / Cooling)		°C	20 / 7			
Max. Operation High Pressure		MPa	3.10			
Max. Operation Low Pressure		MPa	0.82			
Compressor	Type		Twin Rotary			
Refrigerant	Type / Amount	kg	R290 / 0.6	R290 / 0.7	R290 / 0.9	R290 / 1.5
Fan	Quantity		1			2
	Airflow	m3/h	3150		3300	6300
	Rated power		62			124
Sound power level		dB(A)	54		56	
Water Side Heat Exchanger	Type		Plate Heat Exchanger			
	Water Pressure Drop	kPa	23			
	Piping Connection		G1"			G1-1/4"
Net Dimension(LxDxH)		mm	1165x370x850		1165x370x950	1085x390x1450
Net Weight		kg	90	98	110	145
Indoor model			HLT MONO Split			
Power Supply		V/Hz/Ph	220-240/50/1			
Integrated electric backup heater		kW	3			
Allowable Water Flow	Min./Rated./Max.	L/S	0.21 / 0.29 / 0.35	0.26 / 0.39 / 0.46	0.34 / 0.57 / 0.68	0.5 / 0.72 / 0.86
Water flow meter		VORTEX water flow meter				
Circulation pump / Max. head (m)		Electronic / 9				
Sound power level		dB(A)	33		34	37
Net Dimension(LxDxH)		mm	570x550x260			
Net Weight		kg	25			

Note: The specifications are subject to change without prior notice. For actual specifications of unit, please refer to the stickers on the unit.



R290: The Eco-Friendly Refrigerant Solution

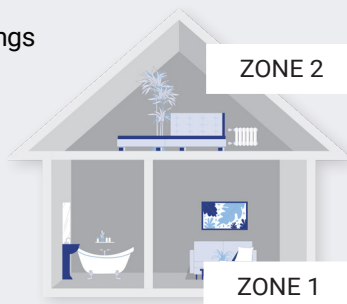
R290, praised as a natural refrigerant, leads environmental responsibility in heat pump technology. Its zero ozone threat and remarkably low GWP of 3 underscore its dedication to environmental preservation, making it appealing for conscientious consumers.

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

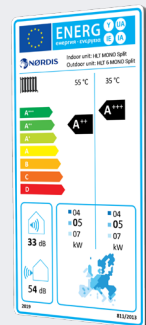
Dual water temperature settings

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.