



NØRDIS Ultima Mono Split type

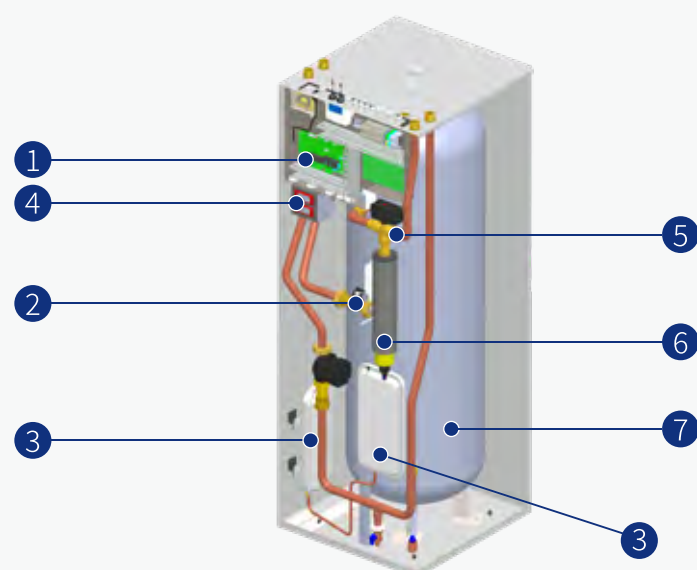
AIR-TO-WATER HEAT PUMPS WITH DHW TANK

The latest "all-in-one" system is a monoblock design that maximizes installation simplicity and space efficiency, making the system more convenient to use.

Features

- Energy efficiency class A+++;
- Eco-friendly refrigerant R290;
- Supply water temperature up to 75°C;
- Operates in heating mode at outdoor temperatures down to -25°C.
- Unique, easy-to-use LCD screen;
- Exceptionally quiet;
- Smart grid function integrated.

Indoor unit structure



1. Control unit
2. Flow meter
3. 2 x 5 L expansion tanks
4. Digital thermostats
5. Three-way valve
6. 9 kW electric heater
7. 250 L hot water tank

TECHNICAL DATA

Model				HLT6MONO-S / HLT-9-250-3S	HLT9MONO-S / HLT-9-250-3S	HLT12MONO-S / HLT-9-250-3S	HLT16MONO-3S / HLT-9-250-3S
Seasonal Energy--(According to EN14825)							
ErP	Energy Class-Heating (35°C/55°C)			A+++ / A++			
	SCOP (35°C/55°C)		W/W	4.81/3.59	4.85/3.65	4.76/3.56	4.74/3.50
	Rated Heat Output (Prated) (35 °C / 55 °C)		kW	4.91/4.55	6.93/6.40	8.97/8.21	12.55/11.01
	Seasonal Space Heating Efficiency (35°C/55°C)		%	189.3/140.6	190.9/143.1	187.5/139.4	186.5/136.9
	Annual Energy Consumption (35°C/55°C)		kWh	2111/2616	2953/3622	3889/4766	5475/6505
	Sound pressure level 1m (Indoor / Outdoor) *		dB(A)	19/40	20/39	21/41	23/40
	Sound Power Level (Indoor / Outdoor)		dB(A)	33/54	33/54	34/56	37/56
Nominal Capacity and Nominal Input							
Heating	Heating Capacity Min./Max.	A7/W35	kW	2.56/6.76	3.76/9.52	5.21/12.0	6.83/16.6
	Heating Power Input Min./Max.		kW	0.58/1.52	0.68/2.04	0.99/3.06	1.27/4.18
	C.O.P		W/W	4.44/ 4.83	4.67/5.57	3.93/5.31	3.98/5.38
	Heating Capacity Min./Max.	A7/W45	kW	2.42/6.57	3.00/9.09	4.38/11.7	6.17/15.5
	Heating Power Input Min./Max.		kW	0.67/1.82	0.86/2.40	1.11/3.55	1.58/4.76
	C.O.P		W/W	3.62/3.86	3.51/4.03	3.28/3.94	3.26/3.90
Cooling	Cooling Capacity Min./Max.	A35/ W18	kW	2.02/5.43	2.39/7.83	3.47/10.1	5.77/12.4
	Cooling Power Input Min./Max.		kW	0.51/1.31	0.57/2.08	0.94/2.97	1.23/3.70
	E.E.R		W/W	4.00/4.23	3.77/4.35	3.40/3.93	3.36/4.69
	Cooling Capacity Min./Max.	A35/W7	kW	1.27/3.71	1.83/5.61	2.16/7.19	4.05/10.1
	Cooling Power Input Min./Max.		kW	0.52/1.30	0.62/2.00	0.97/2.76	1.26/3.55
	E.E.R		W/W	2.46/2.95	2.46/2.99	2.23/2.64	2.84/3.22
General Info							
Power Supply			V/Hz/Ph	220-240/50/1	220-240/50/1	220-240/50/1	380-420/50/3
Operation Limits	Ambient Temperature Range Min./Max.		°C	-25 ~ +43			
	Heating Water Temperature Range Max./Min.		°C	70/25			
	Cooling Water Temperature Range Max./Min.		°C	20/7			
Refrigerant Side	Refrigerant	Type/ Amount	-/kg	R290 / 0.6kg	R290 / 0.7kg	R290 / 0.9kg	R290 / 1.5kg
	Compressor	Type/Amount		Rotary			
	Four-Way Valve + EEV			Sanhua			
	Fan	Quantity		1	1	1	2
		Airflow	m3/h	3150	3150	3300	6300
		Rated Power	W	62	62	62	124
Water Side	Type of Heat Exchanger			Plate Heat Exchanger			
	Water Pressure Drop		kPa	23	23	23	23
	Piping Connection		Inch	G1"	G1"	G1"	G1-1/4"
	Allowable Water Flow - Min./Rated/Max.		l/s	0.20/0.29/0.37	0.27/0.38/0.50	0.40/0.57/0.75	0.50/0.72/0.93
Dimensions	Net Dimensions (L x D x H)	Indoor Unit	mm	600x710x1720	600x710x1720	600x710x1720	600x710x1720
		Outdoor Unit	mm	1255x440x885	1255x440x885	1255x440x985	1140x460x1490
	Net Weight	Indoor Unit	kg	115	115	115	115
		Outdoor Unit	kg	98	109	120	164
Specifications may be changed without prior notice. For the actual device specifications, refer to the labels on the device.							
* - low-temperature applications							