



NØRDIS Ultima Mono Split type

AIR-TO-WATER HEAT PUMPS

Features

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

Indoor unit structure

By opening the front panel mounted on hinges and the control automation door, the hydraulic system is easily accessible. This ensures convenient access to any component of the hydraulic and control system.



Efficient operation
with outdoor
temperatures
dropping to

-25°C



Maximum
prepared water
temperature

75°C

TECHNICAL DATA

Model				HLT6MONO-S / HLT-9-3S	HLT9MONO-S / HLT-9-3S	HLT12MONO-S / HLT-9-3S	HLT16MONO-S / HLT-9-3S	
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.			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	550x260x650	550x260x650	550x260x650	550x260x650	
		Outdoor Unit	mm	1255x440x885	1255x440x885	1255x440x985	1140x460x1490	
	Net Weight	Indoor Unit	kg	34	34	34	34	
		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								