

Technical data

NØRDIS Ultima Eco Mono Outdoor Unit



Outdoor Unit Model				HLE07MONO1S	HLE09MONO1S	
Seasonal Energy (according to EN14825:2022)						
ErP	Energy Class-Heating (35°C / 55°C)			A+++ / A+++		
	SCOP (35°C / 55°C)			5,21 / 3,84	4,69 / 3,83	
	SEER (18°C / 7°C)			9,28 / 5,98	8,31 / 5.39	
	Rated Heat Output (Prated) (35°C / 55°C)		kW	7,2 / 6,8	9,2 / 8,4	
	Seasonal Space Heating Efficiency (35°C / 55°C)		%	206 / 151	185 / 150	
	Annual Energy Consumption (35°C / 55°C)		kWh	2928 / 3589	4020 / 4576	
	Sound Pressure Level 1m		dB(A)	41	43	
	Sound Power Level (Full load)		dB(A)	54	56	
Nominal Capacity and Nominal Input (according to EN14511:2022)						
Heating	Heating Capacity	A7/W35	kW	7	9,1	
	Heating Power Input		kW	1,48	1,9	
	C.O.P		W/W	4,88	4,9	
	Heating Capacity	A7/W45	kW	7,1	9	
	Heating Power Input		kW	1,92	2,43	
	C.O.P		W/W	3,68	3,7	
	Heating Capacity	A7/W55	kW	7	9,2	
	Heating Power Input		kW	2,33	2,97	
	C.O.P		W/W	3	3,1	
Cooling	Cooling Capacity	A35/W18	kW	7,1	9,1	
	Cooling Power Input		kW	1,46	2	
	E.E.R		W/W	4,86	4,3	
	Cooling Capacity	A35/W7	kW	6,8	8,7	
	Cooling Power Input		kW	1,94	2,9	
	E.E.R		W/W	3,4	3	
Power supply		V / Ph / H	220-240 / 1 / 50			
Circuit Breaker		A	32			
Power Cable*		mm2	3x6,0			
Operating Range	Cooling		°C	-5 to 43		
	Heating		°C	-25 to 35		
	DHW		°C	-25 to 43		
Refrigerant side	Refrigerant	Type / Amount	kg	R290 / 0,83	R290 / 1,0	
	GWP				3	
	Twin Rotary Compressor	Quantity	1			
	Compressor Brand				Mitsubishi	HIGHLY
	Electronic expansion valve				1	
	Refrigerant system pressure (Max. / Min.)		MPa	3.5 / 0.3		
	Fan	Quantity	1			
		Motor Type - Brushless DC	+			
Air side heat exchanger	Material - Hydrophilic aluminum & Inner groove copper tube				+	
	Rows				2	3
	Tube size		mm	Φ7	Φ7	
	Plate heat exchanger	Quantity	1			
Water Side	Piping Connection		Inch	G1"		
	Allowable Water Flow - Min. / Max.		l/s	0,17 / 0,58		
			l/min	10 / 35		
				m3/h	0,6 / 2,1	
	Water Flow Switch				+	
	Circulation Pump (Head. m)				9	
	Water resistance				IPX4	
	Water pressure drop		kPa	39	38	
Dimension (L×W×H)	Net		mm	1223×461×854	1223×461×854	
	Packing		mm	1285×495×1040	1285×495×1040	
Net / Gross weight	Net/Gross		kg	122/137	134/149	
Controller - TFT, 4.7 inch, Wi-Fi Ready				+		

* The provided cable cross-section values are of a recommendatory nature only and must not be considered as final design solutions. The actual required cable cross-section depends on the specific installation conditions, including but not limited to: the installation method, ambient temperature, cable route length and permissible voltage drop, grouping of cables, load characteristics, selection of protective devices, and other applicable correction factors.

The final decision must be made in accordance with applicable local laws, national electrical regulations, and standards, taking into account the technical conditions of the specific installation. Design and installation works must be carried out by a properly qualified professional, who is responsible for ensuring compliance with regulatory requirements and safe operation.