

Technical data

NØRDIS Ultima 2 Mono Split outdoor unit



Model			HLT206MONO1	HLT209MONO1	HLT212MONO1	HLT212MONO3	HLT216MONO3	HLT220MONO3		
			S	S	S	S	S	S		
Compatible Indoor Unit without DHW Tank			HLT293S							
Compatible Indoor Unit with DHW and Buffer Tanks			HLT293S/200B50							
Compatible Indoor Unit with DHW Tank			HLT293S/250							
ErP	Energy Class-Heating (35°C / 55°C)		A+++/A++							
	SCOP (35°C / 55°C)		5.18/3.91	5.23/3.89	5.48/4.12	5.62/4.14	5.35/4.03	5.29/4.10		
	Rated Heat Output (Prated) (35°C / 55°C)		5.70/5.64	7.34/7.31	9.83/9.60	9.74/9.72	13.1/12.4	15.7/14.4		
	Seasonal Space Heating Efficiency (35°C / 55°C)		204/153	206/153	216/162	222/163	211/158	209/161		
	Annual Energy Consumption (35°C / 55°C)		2275/2979	2901/3881	3706/4812	3579/4852	5082/6360	6111/7270		
	Sound Pressure Level 1m		36	36	37	37	41	45		
	Sound Power Level		49	49	50	50	55	59		
Nominal Capacity and Nominal Input										
Heating	Heating Capacity Min./Max.		kW	1.85/6.24	2.9/9.6	3.7/12.2	3.7/12.2	5.3/15.9	5.9/19.0	
	Heating Power Input Min./Max.	A7/W35	kW	0.38/1.25	0.55/1.90	0.67/2.46	0.67/2.46	0.97/3.24	1.19/4.35	
			W/W	4.86/4.99	45798	5.63	5.63	5.49	4.94	
	Heating Capacity Min./Max.		kW	1.73/5.93	2.7/9.2	3.5/11.6	3.5/11.6	4.9/15.2	5.5/18.3	
	Heating Power Input Min./Max.	A7/W45	kW	0.47/1.50	0.69/2.38	0.83/2.94	0.83/2.94	1.22/3.80	1.44/5.15	
			W/W	3.72/3.95	3.86/3.87	4.04/3.94	4.04/3.94	4.02/4.00	3.84/3.54	
Cooling	Cooling Capacity Min./Max.		kW	3.63/6.10	3.4/9.0	6.3/12.2	6.3/12.2	7.8/15.3	9.1/18.4	
	Cooling Power Input Min./Max.	A35/W18	kW	0.68/1.3	0.81/2.46	1.16/2.95	1.16/2.95	1.57/4.12	1.80/5.77	
			W/W	5.35/4.70	4.17/3.67	5.38/4.12	5.38/4.12	4.97/3.70	5.04/3.19	
	Cooling Capacity Min./Max.		kW	2.45/4.95	2.3/7.0	3.3/9.2	3.3/9.2	5.2/12.1	6.2/12.4	
	Cooling Power Input Min./Max.	A35/W7	kW	0.67/1.54	0.88/2.34	1.19/2.78	1.19/2.78	1.65/3.79	1.85/4.06	
			W/W	3.65/3.22	2.59/2.99	2.80/3.32	2.80/3.32	3.18/3.19	3.33/3.05	
E.E.R Max.										
Outdoor Unit Model										
Power Supply			V/Hz/Ph	220-240/50/1			380-415/50/3			
Circuit Breaker			A	C16	C20	C25	C16	C16	C20	
Power Cable*			mm ²	3x2,5	3x2,5	3x4,0	5x2,5	5x2,5	5x2,5	
Operation limits	Ambient Temperature Range		°C	-25 ~ 43						
	Heating Water Temperature Range		°C	20 ~ 75						
	Cooling Water Temperature Range		°C	7 ~ 25						
Refrigerant side	Refrigerant		Type / Amount	- / kg	R290 / 0.85	R290 / 0.9	R290 / 1.2	R290 / 1.2	R290 / 1.75	R290 / 1.9
	Rotary Compressor		Quantity		1					
	Four-way valve + EEV		Sanhua							
	Fan	Quantity		1				2		
		Airflow	m ³ /h	2850	3280	3300	3300	6300	6300	
		Rated Power	W	85	116	172	172	62 x 2	62 x 2	
Plate Heat Exchanger		Quantity		1						
Piping Connection			Inch	G1"				G1 1/4"		
Water Side	Allowable Water Flow - Min./Rated/Max.		l/s	0.17/0.24/0.31	0.27/0.38/0.50	0.40/0.57/0.75	0.40/0.57/0.75	0.50/0.72/0.93	0.67/0.96/1.24	
			l/min	10.2/14.4/18.6	16.2/22.8/30	24/34.2/45	24/34.2/45	30/43.2/55.8	40.2/57.6/74.4	
			m ³ /h	0.61/0.86/1.12	0.97/1.37/1.8	1.44/2.05/2.7	1.44/2.05/2.7	1.8/2.59/3.35	2.41/3.46/4.46	
Water Flow Meter			Vortex							
Circulation Pump (Head, m)			Grundfos (9)				Grundfos (12)			
Dimensions	Net Dimensions (W x D x H)		mm	1150x365x715	1260x395x1030	1260x395x1030	1260x395x1030	1260x420x1550	1347x442x1458	
	Net Weight		kg	95	125	140	155	215	230	