

Technical data

NORDIS Ultima Mono Split type



Model			HLT6MONO-S / HLT-9-3S	HLT9MONO-S / HLT-9-3S	HLT12MONO-S / HLT-9-3S	HLT16MONO-3S / HLT-9-3S		
Seasonal Energy (According to EN14825)			A+++/A++					
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			380-420/50/3		
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 / 0.6kg	R290 /0.7kg	R290 / 0.9kg	R290 / 1.5kg	
	Rotary Compressor		Qty	1				
	Four-way valve + EEV		Sanhua					
			Qty	1		2		
	Fan	Airflow	m3/h	3150		3300	6300	
		Rated Power	W	62			124	
Water Side	Plate Heat Exchanger		Qty				1	
	Water Pressure Drop		kPa				23	
	Piping Connection		Inch				G1" G1-1/4"	
			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	
	Allowable Water Flow - Min./Rated/Max.		l/min	12/17.4/22.2	16.2/22.8/30	24/34.2/45	30/43.2/55.8	
		m3/h	0.72/1.04/1.33	0.97/1.37/1.8	1.44/2.05/2.7	1.8/2.59/3.35		
Dimensions	Net Dimensions (L x D x H)		Indoor Unit	mm				550x260x650
			Outdoor Unit	mm		1255x440x885	1255x440x985	1140x460x1490
	Net Weight		Indoor Unit	kg				34
			Outdoor Unit	kg	98	109	120	164