

Technical data

NORDIS Ultima Mono Split type with Hot Water Tank



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 EN 14825)												
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 thermal output (rated) (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 power Min./Max		A7/W35	kW	2.56/6.76		3.76/9.52		5.21/12.0		6.83/16.6	
	Heating energy consumption 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 power Min./Max		A7/W45	kW	2.42/6.57		3.00/9.09		4.38/11.7		6.17/15.5	
	Heating energy consumption 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 power Min./Max		A35/W18	kW	2.02/5.43		2.39/7.83		3.47/10.1		5.77/12.4	
	Cooling energy consumption 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 power Min./Max		A35/W7	kW	1.27/3.71		1.83/5.61		2.16/7.19		4.05/10.1	
	Cooling energy consumption 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		-25 ~ 43									
	Heating Water Temperature Range		20 ~ 75									
	Cooling Water Temperature Range		7 ~ 25									
Refrigerant side	Refrigerant		Type / Qty	- / kg	R290 / 0.6kg		R290 / 0.7kg		R290 / 0.9kg		R290 / 1.5kg	
	Rotary Compressor		Qty		1							
	Four-way valve + EEV		Sanhua									
	Fan		Qty		1				2			
			Air flow	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"			
	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	
			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 dimension (PX GX A)		Indoor unit		mm		600x710x1720					
			Outdoor unit		mm		1255x440x885		1255x440x985		1140x460x1490	
	Net weight		Indoor unit		kg		115					
			Outdoor unit		kg		98		109		120	164
* - low-temperature applications												