

Technical data

NØRDIS Ultima Mono Split outdoor unit



Model				HLT6MONO-S / HLT-9-3S	HLT9MONO-S / HLT-9-3S	HLT12MONO-S / HLT-9-3S	HLT16MONO-3S / HLT-9-3S
Compatible Indoor Units without DHW Tank				HLT-9-3S			HLT-12-3S
Compatible Indoor Units with DHW Tank				HLT-9-250-3S			HLT-12-250-3S
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			380-415/50/3
Circuit Breaker		A		16		25	16
Power Cable		mm2		3x2,5		3x4,0	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 / 0,6kg	R290 /0,7kg	R290 / 0,9kg	R290 / 1,5kg
	Rotory Compressor	Quantity		1			
	Four-way valve + EEV			Sanhua			
	Fan	Quantity		1			2
		Airflow	m3/h	3150		3300	6300
		Rated Power	W	62			124
Water Side	Plate Heat Exchanger	Quantity		1			
	Water Pressure Drop	kPa		23			
	Piping Connection	Inch		G1"			G1-1/4"
Dimensions	Net Dimensions (L x D x H)	mm		1255x440x885		1255x440x985	1140x460x1490
	Net Weight	kg		98	109	120	164
* - low-temperature applications							