

Technical data

NØRDIS Ultima 2 Mono commercial



Model				HLT230MONO3	HLT240MONO3	HLT280MONO3	
Compatible Indoor Control Unit				HLT Control Box			
Seasonal Energy (Accordingto EN14825)							
ErP	Energy Class-Heating (35°C/55°C)			A+++ /A+++	A+++ /A++	A+++ /A++	
	SCOP (35°C/55°C)		W/W	5.22/4.04	4.86/3.72	4.80/3.70	
	Rated Heat Output (Prated) (35 °C / 55 °C)		kW	29/29	28.6/28.1	57/56	
	Seasonal Space Heating Efficiency (35°C/55°C)		%	206/159	192/146	190/143	
	Annual Energy Consumption (35°C/55°C)		kWh	11470/14823	12166/15641	25166/30641	
	Sound Pressure Level 1m		dB(A)	41	48	ND	
	Sound Power Level		dB(A)	55	62	ND	
Nominal Capacity and Nominal Input							
Heating	Heating Capacity Min./Max.		A7/W35	kW	8.33/30.73	12.70/38.60	27.9/80.0
	Heating Power Input Min./Max.			kW	1.51/6.95	2.80/12.30	5.58/18.6
	C.O.P Max.			W/W	5.50	4.58	5.0
	Heating Capacity Min./Max.		A7/W45	kW	6.36/29.48	12.40/39.90	25.8/74
	Heating Power Input Min./Max.			kW	1.90/8.05	3.90/14.70	7.54/22.4
	C.O.P Max.			W/W	3.66	3.15	3.5
Cooling	Cooling Capacity Min./Max.		A35/W18	kW	11.67/30.36	11.96/34.20	26.6/71.0
	Cooling Power Input Min./Max.			kW	2.46/8.27	2.80/9.10	5.43/18.20
	E.E.R Max.			W/W	4.90	4.78	4.9
	Cooling Capacity Min./Max.		A35/W7	kW	6.36/23.45	4.50/25.10	18.6/50
	Cooling Power Input Min./Max.			kW	2.55/8.53	2.90/9.40	5.85/19.93
	E.E.R Max.			W/W	2.75	2.59	3.18
Outdoor Unit Model							
Power Supply			V/Hz/Ph	380-415/50/3			
Circuit Breaker			A	C25	C40	C63	
Power Cable*			mm2	5x4	5x6,0	5x16	
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 / 2,7	R290 / 4,2	R290 / 9
	Scroll Compressor		Quantity		1	1	2
	Four-way valve + EEV		Sanhua				
	Fan	Quantity		2	1	2	
		Airflow	m3/h	11000	12500	27000	
		Rated Power	W	200 x 2	1100	1100 x 2	
Water Side	Plate Heat Exchanger		Quantity		1		
	Piping Connection		Inch	G1-1/2"	G2"	G3"	
	Allowable Water Flow - Min./Rated/Max.	l/s		1/1.43/1.84	1,3/1,9/2,5	2.6/3.8/5.0	
		l/min		60/85.8/110.4	78/83,4/150	156/228/300	
		m3/h		3.6/5.15/6.62	4,68/6,84/9	9,36/13,68/18	
	Water Flow Meter			Vortex			
Dimensions	Net Dimensions (W x D x H)		mm	1544x550x1740	1170x970x1620	2218x984x2336	
	Net Weight		kg	275	348	800	
Indoor Control Unit							
Compatible Outdoor Units				HLT230MONO3	HLT240MONO3	HLT280MONO3	
Power Supply			V/Hz/Ph	220-240/50/1			
Circuit Breaker			A	C6			
Power Cable*			mm2	3x1,5			
Dimensions	Net Dimensions (L x D x H)		mm	390x132x450			
	Net Weight		kg	10			