

NØRDIS DENMARK air-to-water heat pump		Heat Pump Space Heater		Outdoor	HLT16MONO-3S				
				Indoor	HLT-9-250-3S				
Air-to-water heat pump		Yes							
Water-to-water heat pump		No							
Brine-to-water heat pump		No							
Low Temperature heat pump		Yes							
Equipped with a supplementary heater		Yes							
Heat pump combination heater		No							
Parameters shall be declared for medium temperature application, except for low temperature heat pumps. For low temperature heat pumps, parameters shall be declared for low-temperature application									
Parameters shall be declared for average climate conditions									
Item		Symbol	Value	Unit	Item		Symbol	Value	Unit
Rated Heat Output ⁽³⁾		Prated	12.55 4	kW	Seasonal space heating energy efficiency		ηs	186.5	%
Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj				Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj					
Tj = - 7		Pdh	11.10 6	kW	Tj = - 7		COPd or PERd	3.05	- or %
Tj = + 2		Pdh	7.525	kW	Tj = + 2		COPd or PERd	4.89	- or %
Tj = + 7		Pdh	5.866	kW	Tj = + 7		COPd or PERd	6.05	- or %
Tj = + 12		Pdh	6.831	kW	Tj = + 12		COPd or PERd	7.94	- or %
Tj = bivalent temperature		Pdh	11.10 6	kW	Tj = bivalent temperature		COPd or PERd	3.05	- or %
Tj = operation limit temperature		Pdh	10.20 6	kW	Tj = operation limit temperature		COPd or PERd	2.90	- or %
For air-to-water heat pumps: Tj = - 15°C (if TOL<-20°C)		Pdh		kW	For air-to-water heat pumps: Tj = - 15°C (if TOL<-20°C)		COPd or PERd		- or %
Bivalent Temperature		Tbiv	-7	°C	For air-to-water heat pumps: Operating limit temperature		TOL	-10	°C
Cycling interval capacity for heating		Pcyc		kW	Cycling interval efficiency		COPcyc or PERcyc		- or %
Degradation co-efficient		Cdh	0.90	-	Heating water operating limit temperature		WTOL	60	°C
Power Consumption in modes other than active mode				Supplementary heater					
Off Mode		POFF	0.028	kW	Rated heat output		Psup	2.348	kW
Thermostat off mode		PTO	0.020	kW			Electricity		
Standby mode		PSB	0.030	kW	Type of energy input				
Crankcase heater mode		PCK	0.020	kW					
Other Items				Inverter					
Capacity Control		Variable			For air-to-water heat pumps: Rated air flow, outdoors		-	6300	m³/h
Sound power level, indoor/outdoor		LWA	37/56	dB	For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger		-		m³/h
Annual energy consumption		QHE	5475	kWh					
For heat pump combination heater									
Declared load profile					Water heating energy efficiency		ηwh		%
Daily Electricity consumption		Qelec		kWh	Daily fuel consumption		Qfuel		kWh
Annual electrical consumption		AEC		kWh	Annual fuel consumption		AFC		GJ

⁽³⁾ For heat pump space heaters and heat pump combination heaters, the rated heat output *Prated* is equal to the design load for heating *Pdesignh*, and the rated heat output of a supplementary heater *Psup* is equal to the supplementary capacity for heating *sup(Tj)*.

⁽⁴⁾ If *Cdh* is not determined by measurement the the default degradation coefficient is *Cdh* = 0.9