

# Technical documentation

Model		NSKW06					
Type of heat pump	<input type="checkbox"/>	Air-water					
	<input type="checkbox"/>	Exhaust-water					
	<input checked="" type="checkbox"/>	Brine-water					
	<input type="checkbox"/>	Water-water					
Low-temperature heat pump	<input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No					
Integrated immersion heater for additional heat	<input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No					
Heat pump combination heater	<input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No					
Climate	<input type="checkbox"/>	Average <input type="checkbox"/> Cold <input type="checkbox"/> Warm					
Temperature application	<input type="checkbox"/>	Average (55°C) <input checked="" type="checkbox"/> Low (35°C)					
Applied standards	EN-14825						
Rated heat output	Prated	5.80	kW	Seasonal space heating energy efficiency	$\eta_c$	160	%
<i>Declared capacity for space heating at part load and at outdoor temperature <math>T_j</math></i>				<i>Declared coefficient of performance for space heating at part load and at outdoor temperature <math>T_j</math></i>			
$T_j = -7\text{ °C}$	Pdh	5.80	kW	$T_j = -7\text{ °C}$	COPd	3.97	
$T_j = +2\text{ °C}$	Pdh	5.86	kW	$T_j = +2\text{ °C}$	COPd	4.21	
$T_j = +7\text{ °C}$	Pdh	5.91	kW	$T_j = +7\text{ °C}$	COPd	4.44	
$T_j = +12\text{ °C}$	Pdh	5.96	kW	$T_j = +12\text{ °C}$	COPd	4.70	
$T_j = \text{biv}$	Pdh	5.80	kW	$T_j = \text{biv}$	COPd	3.80	
$T_j = \text{TOL}$	Pdh	5.80	kW	$T_j = \text{TOL}$	COPd	3.80	
$T_j = -15\text{ °C}$ (if $\text{TOL} < -20\text{ °C}$ )	Pdh	-	kW	$T_j = -15\text{ °C}$ (if $\text{TOL} < -20\text{ °C}$ )	COPd	-	
Bivalent temperature	$T_{\text{biv}}$	-10	°C	Min. outdoor air temperature	TOL	-10	°C
Cycling interval capacity	Pcyc	-	kW	Cycling interval efficiency	COPcyc	-	-
Degradation coefficient	Cdh	1.00	-	Max supply temperature	WTOL	55.0	°C
<b>Power consumption in modes other than active mode Additional heat</b>				<b>Additional heat</b>			
Off mode	$P_{\text{OFF}}$	0.010	kW	Rated heat output	$P_{\text{sup}}$	-	kW
Thermostat-off mode	$P_{\text{TO}}$	0.005	kW				
Standby mode	$P_{\text{SB}}$	0.002	kW	Type of energy input	-		
Crankcase heater mode	$P_{\text{CK}}$	-	kW				
<b>Other items</b>							
Capacity control	Fixed			Rated airflow (air-water)		-	$\text{m}^3/\text{h}$
Sound power level, indoors/outdoors	$L_{\text{WA}}$	57/0	dB	Nominal heating medium flow		1.26	$\text{m}^3/\text{h}$
Annual energy consumption	$Q_{\text{HE}}$	2860	kWh	Brine flow brine-water or water-water heat pumps		1.62	$\text{m}^3/\text{h}$