

This information was generated by the HP KEYMARK database on 22 Feb 2021

Summary of	NIBE AMS 10-6	Reg. No.	012-SC0603-18
Certificate Holder			
Name	Nibe AB		
Address	Box 14	Zip	S-28521
City	Markaryd	Country	Sweden
Certification Body	RISE CERT		
Subtype title	NIBE AMS 10-6		
Heat Pump Type	Aria esterna/Acqua		
Refrigerant	R410a		
Mass Of Refrigerant	1.5 kg		
Certification Date	20.09.2018		
Testing basis	HP Keymark Scheme 2018		

## Model: NIBE AMS 10-6 + HBS05-6

### General Data

Power supply	1x230V 50Hz
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## Heating

### EN 14511-4

Interruzione del flusso del vettore di calore	passed
Guasto dell'alimentazione	passed
Test di sbrinamento	passed

### EN 14511-2

	Low temperature	Medium temperature
Potenza termica	2.42 kW	1.57 kW
Potenza elettrica assorbita	0.50 kW	0.76 kW
Coefficiente di prestazione (COP)	4.85	2.06

## Average Climate

### EN 12102-1

	Low temperature	Medium temperature
Livello di potenza acustica interna	35 dB(A)	35 dB(A)
Livello di potenza acustica esterna	51 dB(A)	51 dB(A)

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**EN 14825**

	<b>Low temperature</b>	<b>Medium temperature</b>
$\eta_s$	188 %	131 %
Prated	4.80 kW	5.30 kW
SCOP	4.77	3.35
Tbiv	-7 °C	-7 °C
T <sub>limite d'uso</sub>	-10 °C	-10 °C
Pdh Tj = -7°C	4.30 kW	4.70 kW
COP Tj = -7°C	2.60	1.88
Pdh Tj = +2°C	2.60 kW	2.80 kW
COP Tj = +2°C	4.84	3.26
Pdh Tj = +7°C	1.70 kW	1.80 kW
COP Tj = +7°C	6.91	4.72
Pdh Tj = 12°C	2.70 kW	2.70 kW
COP Tj = 12°C	7.72	6.47
Pdh Tj = Tbiv	4.30 kW	4.70 kW
COP Tj = Tbiv	2.60	1.88
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	3.20 kW	4.10 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.24	1.77
Cdh	0.98	0.99
WTOL	65 °C	65 °C

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P <sub>off</sub>	7 W	7 W
P <sub>TO</sub>	12 W	12 W
P <sub>SB</sub>	12 W	12 W
P <sub>CK</sub>	0 W	0 W
Riscaldamento supplementare: tipo di fonte energetica	electricity	electricity
Riscaldamento supplementare: P <sub>SUP</sub>	1.60 kW	1.20 kW
Consumo di energia annuo Q <sub>HE</sub>	2089 kWh	3248 kWh

## Model: NIBE AMS 10-6 + HK200S-6

### General Data

Power supply	1x230V 50Hz
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## Heating

### EN 14511-2

	Low temperature	Medium temperature
Potenza termica	2.42 kW	1.57 kW
Potenza elettrica assorbita	0.50 kW	0.76 kW
Coefficiente di prestazione (COP)	4.85	2.06

### EN 14511-4

Interruzione del flusso del vettore di calore	passed
Guasto dell'alimentazione	passed
Test di sbrinamento	passed

## Average Climate

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Poff	7 W	7 W
PTO	12 W	12 W
PSB	12 W	12 W
PCK	0 W	0 W
Riscaldamento supplementare: tipo di fonte energetica	electricity	electricity
Riscaldamento supplementare: $P_{SUP}$	1.60 kW	1.20 kW
Consumo di energia annuo $Q_{HE}$	2089 kWh	3248 kWh

## Domestic Hot Water (DHW)

### Average Climate

<b>EN 16147</b>	
Profilo di carico dichiarato	XL
Efficienza $\eta_{\text{acqua calda}}$	91 %
Coefficiente di prestazione (COP)	2.22
Tempo di riscaldamento	01:40 h:min
Acqua a 40°C	230 l
Consumo in standby	45.0 W
Temperatura di riferimento dell'acqua calda	51.0 °C

# Model: NIBE AMS10-6 + BA-SVM 10-200/6

## General Data

Power supply	1x230V 50Hz
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## Heating

### EN 14511-2

	Low temperature	Medium temperature
Potenza termica	4.80 kW	3.84 kW
Potenza elettrica assorbita	0.93 kW	1.37 kW
Coefficiente di prestazione (COP)	5.14	2.81

### EN 14511-4

Interruzione del flusso del vettore di calore	passed
Guasto dell'alimentazione	passed
Test di sbrinamento	passed

## Average Climate

### EN 12102-1

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