

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

Summary of	NIBE AMS 10-8	Reg. No.	012-SC0604-18
Certificate Holder			
Name	Nibe AB		
Address	Box 14	Zip	S-28521
City	Markaryd	Country	Sweden
Certification Body	RISE CERT		
Subtype title	NIBE AMS 10-8		
Heat Pump Type	Aria esterna/Acqua		
Refrigerant	R410a		
Mass Of Refrigerant	2.6 kg		
Certification Date	20.09.2018		
Testing basis	HP Keymark Scheme 2018		

Model: NIBE AMS 10-8 + HBS05-12

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Potenza termica	3.86 kW	3.50 kW
Potenza elettrica assorbita	0.83 kW	1.19 kW
Coefficiente di prestazione (COP)	4.65	2.94

EN 14511-4

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

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	55 dB(A)	55 dB(A)

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EN 14825

	Low temperature	Medium temperature
η_s	172 %	127 %
Prated	8.20 kW	7.00 kW
SCOP	4.37	3.25
Tbiv	-8 °C	-9 °C
T _{limite d'uso}	-10 °C	-10 °C
Pdh Tj = -7°C	7.40 kW	6.30 kW
COP Tj = -7°C	2.92	1.94
Pdh Tj = +2°C	4.50 kW	3.90 kW
COP Tj = +2°C	4.30	3.11
Pdh Tj = +7°C	2.90 kW	2.60 kW
COP Tj = +7°C	5.41	4.42
Pdh Tj = 12°C	3.50 kW	3.70 kW
COP Tj = 12°C	6.51	5.93
Pdh Tj = Tbiv	7.40 kW	6.60 kW
COP Tj = Tbiv	2.86	1.83
Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh	6.80 kW	5.90 kW
COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh	2.67	1.86
Cdh	0.96	0.97
WTOL	65 °C	65 °C

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P _{off}	2 W	2 W
P _{TO}	15 W	10 W
P _{SB}	15 W	15 W
P _{CK}	30 W	30 W
Riscaldamento supplementare: tipo di fonte energetica	electricity	electricity
Riscaldamento supplementare: P _{SUP}	1.40 kW	1.10 kW
Consumo di energia annuo Q _{HE}	3882 kWh	4447 kWh

Model: NIBE AMS 10-8 + HK200S-12

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Potenza termica	3.86 kW	3.50 kW
Potenza elettrica assorbita	0.83 kW	1.19 kW
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EN 14511-4

Interruzione del flusso del vettore di calore	passed
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PTO	15 W	10 W
PSB	15 W	15 W
PCK	30 W	30 W
Riscaldamento supplementare: tipo di fonte energetica	electricity	electricity
Riscaldamento supplementare: P_{SUP}	1.40 kW	1.10 kW
Consumo di energia annuo Q_{HE}	3882 kWh	4447 kWh

Domestic Hot Water (DHW)

Average Climate

EN 16147	
Profilo di carico dichiarato	XL
Efficienza $\eta_{\text{acqua calda}}$	99 %
Coefficiente di prestazione (COP)	2.34
Tempo di riscaldamento	1:28 h:min
Consumo in standby	85.0 W
Temperatura di riferimento dell'acqua calda	50.9 °C
Acqua a 40°C	226 l

Model: NIBE AMS10-8 + BA-SVM 10-200/12

General Data

Power supply	1x230V 50Hz
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Heating

EN 14511-2

	Low temperature	Medium temperature
Potenza termica	8.34 kW	5.52 kW
Potenza elettrica assorbita	1.89 kW	1.86 kW
Coefficiente di prestazione (COP)	4.42	2.96

EN 14511-4

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Average Climate

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