

This information was generated by the HP KEYMARK database on 17 Dec 2020

Summary of	NIBE AMS 20-6	Reg. No.	012-C700084
Certificate Holder			
Name	Nibe AB		
Address	Box 14	Zip	S-28521
City	Markaryd	Country	Sweden
Certification Body	RISE CERT		
Name of testing laboratory	RISE		
Subtype title	NIBE AMS 20-6		
Heat Pump Type	Outdoor Air/Water		
Refrigerant	R32		
Mass Of Refrigerant	1.3 kg		
Certification Date	08.12.2020		
Testing basis	HP Keymark Scheme Rules rev 8		

Model: NIBE AMS 20-6 + HBS 20-6

General Data

Power supply	1x230V 50Hz
--------------	-------------

Heating

EN 14511-4

Shutting off the heat transfer medium flow	passed
Complete power supply failure	passed
Defrost test	passed
Starting and operating test	passed

EN 14511-2

	Low temperature	Medium temperature
Heat output	5.08 kW	4.16 kW
El input	0.98 kW	1.36 kW
COP	5.17	3.06
Indoor water flow rate	0.88 m ³ /h	0.45 m ³ /h

Average Climate

This information was generated by the HP KEYMARK database on 17 Dec 2020

EN 12102-1		
	Low temperature	Medium temperature
Sound power level indoor	35 dB(A)	35 dB(A)
Sound power level outdoor	54 dB(A)	54 dB(A)

EN 14825		
	Low temperature	Medium temperature
η_s	200 %	139 %
Prated	5.20 kW	5.60 kW
SCOP	5.08	3.56
Tbiv	-10 °C	-7 °C
TOL	-10 °C	-10 °C
Pdh Tj = -7°C	4.54 kW	5.04 kW
COP Tj = -7°C	3.04	1.95
Cdh	0.99	1.00
Pdh Tj = +2°C	2.70 kW	2.89 kW
COP Tj = +2°C	5.00	3.51
Cdh	0.98	0.99
Pdh Tj = +7°C	1.78 kW	1.89 kW
COP Tj = +7°C	6.67	4.99
Cdh	0.96	0.97

This information was generated by the HP KEYMARK database on 17 Dec 2020

Pdh Tj = 12°C	1.83 kW	1.74 kW
COP Tj = 12°C	8.54	6.33
Cdh	0.95	0.96
Pdh Tj = Tbiv	5.23 kW	5.04 kW
COP Tj = Tbiv	2.61	1.95
Pdh Tj = TOL	5.23 kW	4.56 kW
COP Tj = TOL	2.61	1.74
WTOL	58 °C	58 °C
Poff	7 W	7 W
PTO	11 W	11 W
PSB	11 W	11 W
PCK	0 W	0 W
Supplementary Heater: Type of energy input	electric	electric
Supplementary Heater: PSUP	0.00 kW	1.00 kW
Annual energy consumption Qhe	2116 kWh	3250 kWh