



Air Source Heat Pump

NIBE S2060



The NIBE S2060 is a high performance air-to-water heat pump built around an advanced R290 refrigerant circuit, providing high flow temperatures that suit both low temperature systems and modern radiator retrofits.

It offers outstanding levels of efficiency, building on NIBE's reputation for quality, with a SCOP of up to 5.33. The S2060 uses R290 refrigerant without enforcing restrictive protective zones, giving installers far more flexibility on unit placement. With a total footprint of just 3.65m², it's particularly well suited to properties where outdoor space is at a premium.

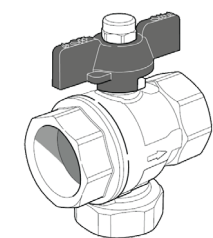
The S2060 requires neither glycol nor antifreeze valves for freeze protection, removing two of the most common sources of added cost and ongoing maintenance for homeowners.

The S2060 features a separate heating pump, giving installers greater design freedom and a smaller outdoor unit footprint. The pump can be sited internally for protection from the elements, is modulated by NIBE's controls for improved efficiency, and comes in two capacity sizes to suit a wider range of system designs.

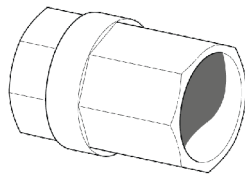


- **Quiet Mark certified, helping maintain a calm and comfortable living environment for the end user**
- **Operating range of up to 75 °C flow temperature, and 65 °C at -25 °C outdoor temperature.**
- **Market leading efficiency for a high SCOP all year round**

Supplied Components



Filterball (G1'') (QZ2)

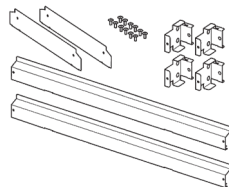


Non-return valve (RM1)

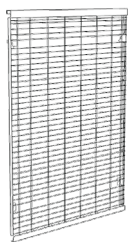


Flexible hoses (WN3)
x2

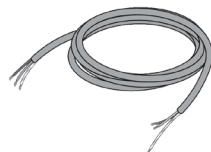
DN25, G1''
connections, supplied
with 4 gaskets



Plinth

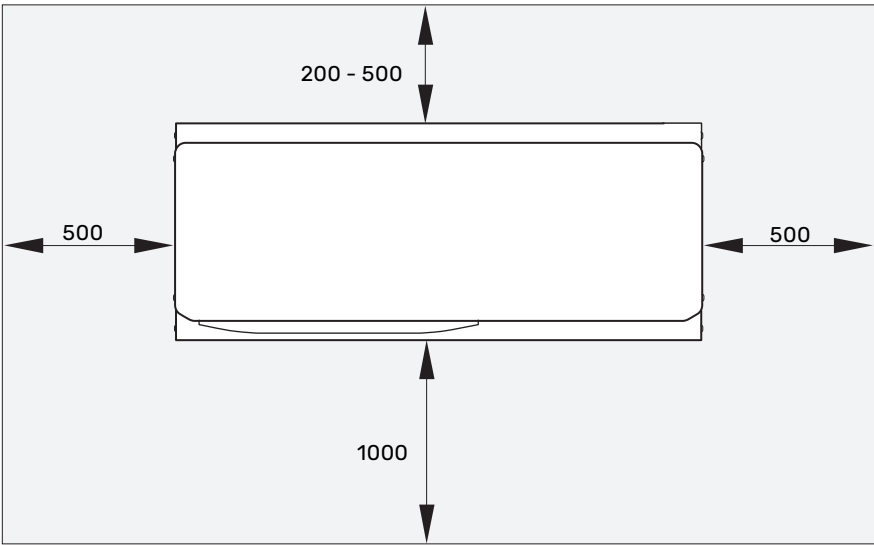


Fan grille with 4 screws



Power supply cable (W1)

Siting Requirements



The S2060 runs on R290 refrigerant and is designed to give installers flexibility on placement. Rather than enforcing a fixed protective zone, the guidance allows you to assess positioning on a site by site basis, in line with the installation handbook. Based on minimum clearances, the total footprint comes to around 3.65m², making it a practical choice on tighter plots and new builds where outdoor space is limited.

S2060-6 Capacity Chart

Flow Ambient Tempera- ture	kW Output @ 35°C	kW Output @ 45°C	kW Output @ 55°C	kW Output @ 65°C (High Temperature units Only)
+7°C	6.92	7.05	7.27	N/A
+6°C	6.60	6.74	6.94	N/A
+5°C	6.28	6.43	6.60	N/A
+4°C	5.97	6.11	6.27	N/A
+3°C	5.65	5.80	5.93	N/A
+2°C	5.33	5.49	5.60	N/A
+1°C	5.31	5.44	5.54	N/A
0°C	5.29	5.38	5.48	N/A
-1°C	5.28	5.33	5.42	N/A
-2°C	5.26	5.27	5.36	N/A
-3°C	5.24	5.22	5.31	N/A
-4°C	5.22	5.16	5.25	N/A
-5°C	5.21	5.11	5.19	N/A
-6°C	5.19	5.05	5.13	N/A
-7°C	5.17	5.00	5.07	N/A

S2060-10 Capacity Chart

Flow Ambient Tempera- ture	kW Output @ 35°C	kW Output @ 45°C	kW Output @ 55°C	kW Output @ 65°C (High Temperature units Only)
+7°C	8.15	8.25	8.24	N/A
+6°C	7.82	7.96	7.94	N/A
+5°C	7.50	7.67	7.65	N/A
+4°C	7.17	7.39	7.35	N/A
+3°C	6.84	7.10	7.06	N/A
+2°C	6.51	6.81	6.76	N/A
+1°C	6.53	6.79	6.74	N/A
0°C	6.55	6.77	6.72	N/A
-1°C	6.57	6.74	6.70	N/A
-2°C	6.59	6.72	6.68	N/A
-3°C	6.62	6.7	6.66	N/A
-4°C	6.64	6.68	6.64	N/A
-5°C	6.66	6.65	6.62	N/A
-6°C	6.68	6.63	6.60	N/A
-7°C	6.70	6.61	6.58	N/A

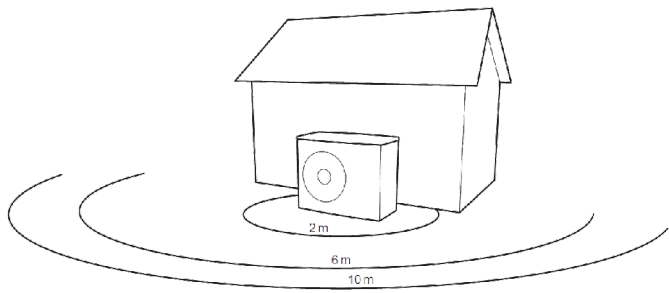
Performance data provided is based on peak kW output under EN 14511 test conditions. Figures include defrost.



Noise Levels

		Sound power1	Sound pressure at distance (m)2									
			1	2	3	4	5	6	7	8	9	10
S2060-6	Nominal sound value	51	46	40	36.5	34	32	30.5	29	28	27	26
	Max. sound value	57	52	46	42.5	40	38	36.5	35	34	33	32
	Max. sound value, silent mode	50	45	39	35.5	33	31	29.5	28	27	26	25
S2060-10	Nominal sound value	54	49	43	39.5	37	35	33.5	32	31	30	29
	Max. sound value	60	55	49	45.5	43	41	39.5	38	37	36	35
	Max. sound value, silent mode	53	48	42	38.5	36	34	32.5	31	30	29	28

¹ Sound power level, LW(A), according to EN12102 ² Sound pressure calculated according to directivity factor Q=4



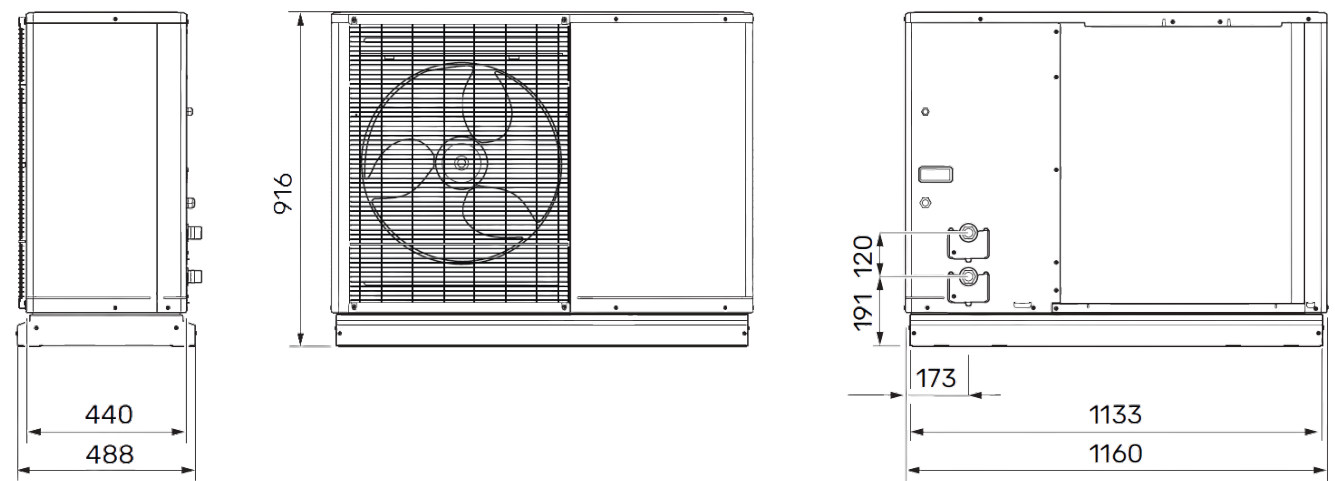
What is Quiet Mark?

Quiet Mark is an independent global certification program associated with the UK Noise Abatement Society that identifies the quietest appliances, technology, and building materials on the market.

A product is eligible for Quiet Mark certification if it has been independently tested and verified by Quiet Mark to rank among the top 10–20% quietest within its specific category. For example, a 5kW air source heat pump would only be benchmarked against other products of the same type and output.



Dimensions



Technical Data

NIBE S2060		6	10
System's efficiency class, room heating 35/55°C ¹⁾		A+++ / A+++	A+++ / A+++
Product's efficiency class 35/55°C ²⁾		A+++ / A+++	A+++ / A+++
P _{design,h} Average climate 35/55°C	kW	4.8 / 5.3	6.5 / 7.0
P _{design,h} Cold climate 35/55°C	kW	5.5 / 5.7	8.0 / 7.8
7/35 Heating capacity / COP, EN14511, nominal	kW / -	4.92 / 5.53	6.02 / 5.42
-7/35 Heating capacity / COP, EN14511, nominal	kW / -	5.17 / 2.79	6.70 / 2.65
Cooling capacity / EER A35/W18, EN14511	kW / -	8.48 / 3.64	10.76 / 4.05
Sound power level (L _{WA}), EN12102 at 7/45, nominal	dB(A)	51	54
Rated voltage	V	230	230
CO ₂ - equivalent (hermetically sealed refrigerant circuit) ⁴⁾	kg	0.013	0.017
Height/width/depth	mm	916 / 1160 / 488	916 / 1160 / 488
Weight (excluding packaging)	kg	84	91

¹⁾Scale for the system's efficiency class, room heating: A+++ to G. Reported system efficiency takes the product's temperature regulator into account.

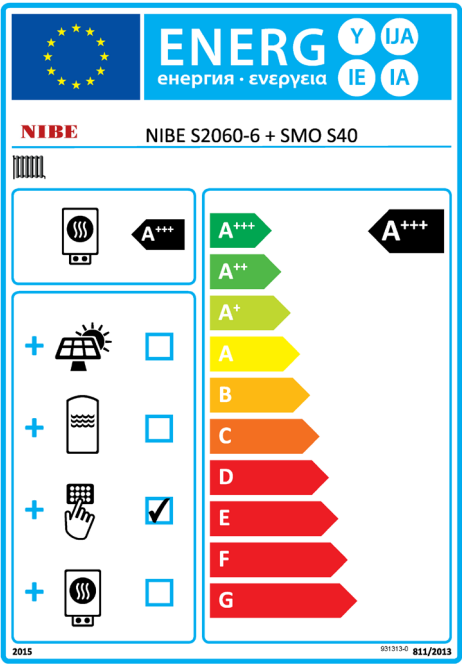
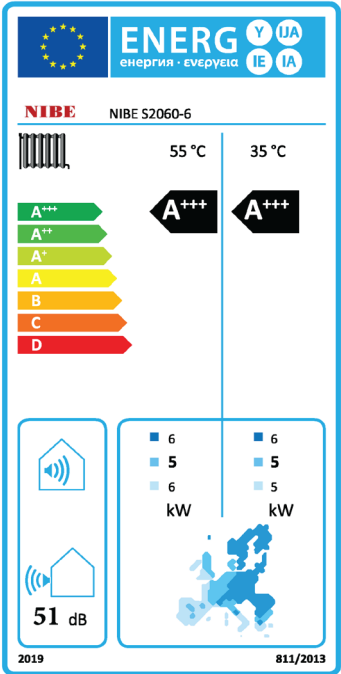
²⁾Scale for the product's efficiency class, room heating A+++ to D.

³⁾Scale for efficiency class, hot water: A+ to F.

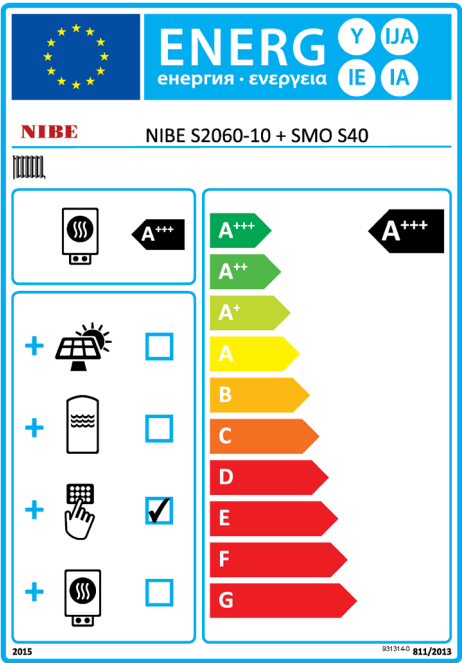
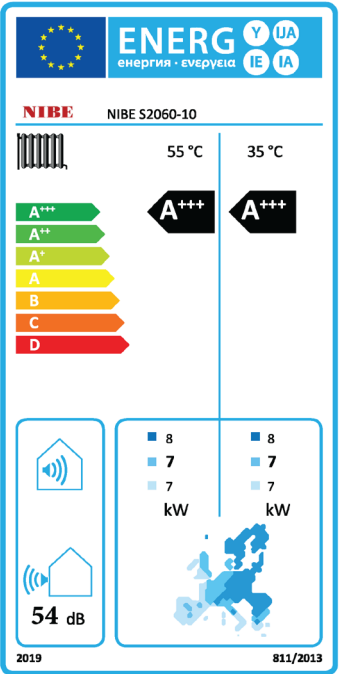
⁴⁾NIBE S2060 does not require annual inspection, in accordance with the F-Gas Regulation.

Product Fiches / Energy Rating Labels

S2060-6



S2060-10



Compatible Products

Controllers

SMO S40
S-Series Controller
067654



SMO 20
F-Series Controller
067224



Hot Water Cylinders

Megacoil 160
081266

Megacoil 200
081267



Megacoil 300
081268

Megacoil 400
081259

Hydrotowers

VVM S320
069199



Additional Accessories

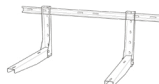
ECS 40
Extra Climate System
067287



GSU 40
Ground Stand
067965



BAU 50
Wall Mount
267017



EMK 500
External Flow Sensor
067178



SRV 10
Smart Radiator Valve
067723



AXC 30
Accessory Card
067304



EME 20
PV Inverter
Communication Module
057188



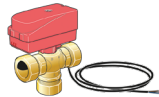
KVR 15
Condensate Pipe
267025 / 26 / 27



HR 10
Relay Module
067309



VST 05
Diverter Valve
089982



Sustainable energy solutions since 1952

Ground source heat pumps

NIBE ground source heat pumps provide a stable, high-efficiency heat source using energy from the ground. They are suited to projects where long term performance, low operating costs and consistent output are priorities, including larger or higher demand properties.

Air source heat pumps

NIBE air source heat pumps offer a flexible renewable heating solution for a wide range of installations. Using energy from the outside air, they support efficient heating and hot water, with options suitable for both new build and retrofit applications.

Exhaust air heat pumps

NIBE exhaust air heat pumps combine heating, hot water and mechanical ventilation in a single system. By recovering energy from extract air, they are particularly well suited to well insulated homes where ventilation is required.

Hot water heat pumps

NIBE hot water heat pumps provide a dedicated, efficient solution for domestic hot water generation. They are ideal for new-build flats and apartments, and offers a cost effective option for developments where a wet heating system is neither desired or required.

Heat network solutions

NIBE offers a unique solution for heat networks; the ability to offer modular substations, hybrid substations and bespoke built substations from a single manufacturer. NIBE water-to-water heat pumps can be combined with a bespoke-built substation to create a hybrid heat networks solution.

NIBE Energy Systems Ltd

Unit 3C, Broom Business Park, Bridge Way
Chesterfield, S41 9QG
nibe.co.uk

NIBE

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