

Air/Water heat pump NIBE™ F2016

NIBE air/water monobloc for domestic installations

NEW

Flexible system solutions

Features of NIBE™ F2016

Remarkably low sound level

Highly efficient

Installer-friendly

Integrated intelligent controller

Components selected for long life time

Built in condensate water tray

MCS approved

SAP Q rated

Benchmark checklist

NIBE F2016

NIBE F2016 is an air/water heat pump, specially designed to withstand the UK outdoor conditions. NIBE F2016 utilises the outside air so there is no need for bore holes or coils in the ground. NIBE F2016 can both heat hot water effectively at high outdoor temperatures and give a high output to the heating system at low outdoor temperatures.

NIBE F2016 is designed for water based heating systems and can be used together with most electric boilers, oil and gas boilers or equivalent. The heat pump includes an advanced control system for optimal control. The NIBE F2016 is available in pre-packaged solutions for a variety of domestic installations. All pre-packaged solutions include advanced user friendly controls for a plug and play installation. Additional accessories are also available such as pool control and mixed heating systems. NIBE solar packages are also available to work along side the NIBE F2016.

Technical specifications

NIBE™ F2016 outdoor module

Type		2016-6	2016-8	2016-11
COP at 7/35 °C *		4.21	4.26	3.90
COP at 7/45 °C *		3.42	3.42	3.23
Soft-start relay		included as standard	included as standard	included as standard
Operating voltage		230V AC 50 Hz	230V AC 50 Hz	230V AC 50 Hz
Fuse	A	16	20	120
Max supply temperature	°C	58	58	58
Refrigerant quantity (R404A)	kg	1.8	2.0	2.0
Connection heating medium male Ø	mm	G1 (Ø 28 mm)	G1 (Ø 28 mm)	G1 (Ø 28 mm)
Height with stand	mm	1095	1095	1095
Width	mm	1200	1200	1200
Depth	mm	520	520	520
Weight	kg	147	150	162
Lowest operational point, outdoor air supply temperature	°C	-15/35	-15/35	-15/35

* In accordance with EN 14511

Docking options

The NIBE F2016 can be installed in several different ways. The requisite safety equipment must be installed in accordance with current regulations for all docking options. For docking options, please see www.nibe.co.uk.

When docking with F2016 a minimum available system volume of at least 20 litres per kW output on the heat pump is recommended.



Type		F2016-6		F2016-8		F2016-11	
Sound power level according to EN12102 at 7/45	Lw(A)	57		57/62		57/62	
Fan speed		Low	High	Low	High	Low	High
Max sound pressure level at 2 m*	dB(A)	43	-	43	48	43	48
Max sound pressure level at 6 m*	dB(A)	33.5	-	33.5	38.5	33.5	38.5
Max sound pressure level at 10 m*	dB(A)	29	-	29	34	29	34

* Free field

