

NIBE AIR/WATER HEAT PUMP

Products specifications	Single Phase		
	NIBE F2015-6 COP	NIBE F2015-8 COP	NIBE F2015-11 COP
Delivered/supplied power* at 2/35 °C ** (kW)	5.4/1.4	7.1/1.8	9.4/2.6
Delivered/supplied power* at 7/35 °C ** (kW)	6.3/1.4	8.2/1.9	11.1/2.6
Delivered/supplied power* at -7/45 °C ** (kW)	3.7/1.6	5.0/2.1	7.1/2.9
Delivered/supplied power* at 0/45 °C ** (kW)	4.9/1.6	6.4/2.1	8.8/3.1
Delivered/supplied power* at 7/45 °C ** (kW)	6.0/1.7	7.8/2.2	10.9/3.2
Delivered/supplied power* at -7/50 °C ** (kW)	3.6/1.7	4.9/2.3	7.1/3.2
Delivered/supplied power* at 2/50 °C ** (kW)	5.0/1.8	6.6/2.4	9.2/3.4
Delivered/supplied power* at 7/50 °C ** (kW)	5.9/1.8	7.6/2.4	10.8/3.6
Delivered/supplied power* at 7/35 °C ** (kW)	6.1/1.5	8.0/1.9	10.9/2.8
COP at 7/35**	4.21	4.15	3.95
Starting current (A)	17	19	27
Motor protection setting (A)	14	18	22
Soft-start relay	included as standard		
Operating voltage	230 V 1AC 50Hz		
Compressor	Scroll compressor		
Airflow (m3/h)	1500	1700/2000	
Nominal output, fan (W)	70	90/130	
Height with stand (mm)	1045		
Width (mm)	1200		
Depth (mm)	520		
Weight (kg)	120	126	132

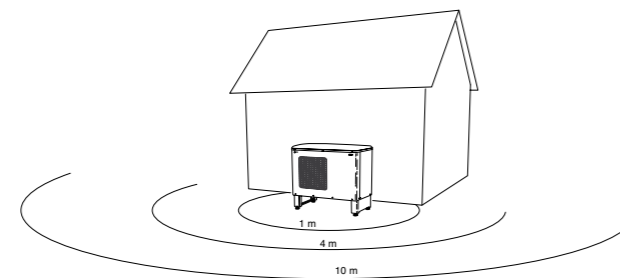
** outside temperature/Flow temperature

NOTE: A total water volume of at least 20 litres per kW of unrestricted flow is required within the heating system.
NOTE: NIBE Cylinders must only be used with NIBE heat pumps.

Products specifications	Hot Water Cylinder		
	NIBE VVM 300	NIBE VPA 300/200	NIBE VPB 200N (Slim)
Volume total (l)	280	285	195
Output immersion heater (kW)	13.5	-	3
Heat content at 50°C (kWh)	-	16.6	9
Height (mm)	1880	1700	1370
Width (mm)	600	-	570
Depth (mm)	615	750	-
Net weight (kg)	160	180	80

Hot Water Demand	Pack 1	Pack 3	Pack 6
1 Bathroom	✓	✓	✓
1 Bathroom + En-Suite	✓	✓	✓
2 Bathrooms	✓	✓	✓
3 Bathrooms		✓	✓

Guidance should be sought for non-standard installations e.g. high flow showers, large baths etc..



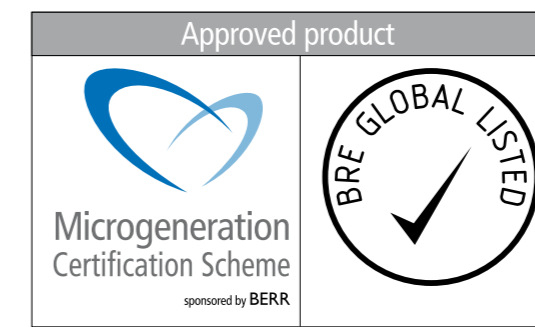
		F2015-6	F2015-8	F2015-11
Sound power level	Lw(A)	57	57/62	57/62
Sound pressure level at 1 m. Fan low/high	dB(A)	51	51/56	51/56
Sound pressure level at 4 m. Fan low/high	dB(A)	39	39/44	39/44
Sound pressure level at 10 m. Fan low/high	dB(A)	31	31/36	31/36



MADE IN SWEDEN

NIBE Energy Systems Limited is a subsidiary of NIBE Heating with its headquarters in Markaryd in Sweden. NIBE is one of Europe's leading manufacturers in the domestic heating sector.

We supply homes with products that provide domestic hot water and ensure a comfortable indoor climate. We offer high-tech solutions for heating, ventilation, cooling and heat recovery that reflect today's demand for sustainable construction.



NIBE F2015-6kW MCS HP0003/14
 NIBE F2015-8kW MCS HP0003/15
 NIBE F2015-11kW MCS HP0003/16
 Approved to MCS007



PACK PRICE LIST 2011

Designed for professional installers and developers

NIBE Air/Water Heat Pumps - Harnesses free energy from the air around us



NIBE ENERGY SYSTEMS LIMITED
 UNIT 3C, BROOM BUSINESS PARK
 BRIDGE WAY
 CHESTERFIELD, S41 9QG
 Tel: 0845 095 1200
 www.nibe.co.uk

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A new generation of heat pumps
 DESIGNED FOR EARTH

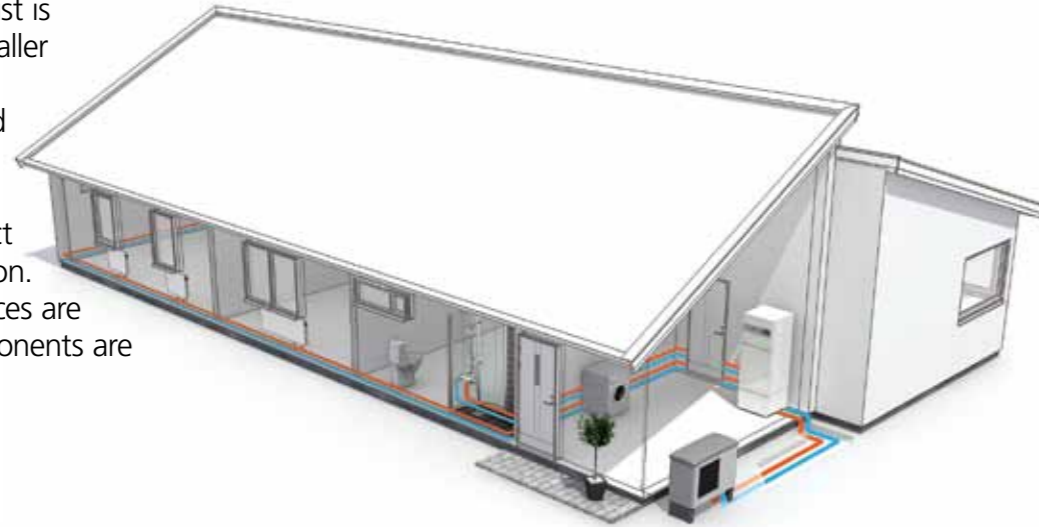
NIBE Trade Price List valid from 1st February 2011

MADE IN SWEDEN

NIBE AIR/WATER HEAT PUMP

Air to Water Pack Price List 2011

The new air to water pack price list is designed for the professional installer and developer. The pre selected packs are designed to be installed in new builds or retro fitted existing installations. The packs make it easier to select the correct products for the correct application. The range of packs mean the prices are more attractive because all components are included.



How does an air source heat pump work?

Air to water heat pumps use outside air that is heated by the sun, meaning that there are no requirements for bore holes or coils in the ground, thus reducing installation time and costs. Air to water heat pumps are suitable for new builds or existing dwellings where digging up the garden is not an option.

SAVE UP TO 50% ON HEATING COSTS

- 30-50% reduction in CO2 emissions
- Easy to install
- Quiet operation

The air to water heat pumps work by converting the energy of the outside air into heat, creating a comfortable temperature inside the home and supplying energy for the hot water. The efficiency for an air to water heat pump is measured by coefficient of performance (COP). An air to water heat pump can convert 1kW of electricity into 4kW of usable heat giving a COP of 4. This means that you get 3kW of free energy from the surrounding air.

Our air to water heat pumps should cover the heating and hot water requirements all year round. Alternatively, an air to water heat pump with an output smaller than the heat demand can be docked with new or existing heating systems incorporating an alternative heat source. The heat pump provides efficient heating for most of the heating season with supplementary energy from the alternative heat source, only being required in extreme winter periods.

GRANTS AVAILABLE RHI

Why choose a NIBE air to water heat pump?

NIBE F2015 air to water heat pumps have been specifically developed for the UK climate, working down to -15C° outdoor temperature. This means our heat pump works efficiently between 0C° and 7C°, which are average UK winter temperatures. All NIBE air to water heat pumps are manufactured in Sweden and are designed for harsh Nordic conditions making them ideal for the mild UK climate. In comparison to other heat pumps, our units use a two step control that achieves a much greater economy even at low outdoor temperatures.



Pack 1

F2015, together with VVM 300, creates a complete heating and hot water unit. The VVM stores 155 litres of domestic hot water and is equipped with weather compensating controller to ensure the most economical operation. It also has an electric boiler for back up, circulation pumps, heating pressure vessel and filling loop included in the casing. This pack is ideal for retro fit and new build installations.

	Pack 1 - 6	Pack 1 - 8	Pack 1 - 11
Air/Water Heat Pump	NIBE F2015-6 kW	NIBE F2015-8 kW	NIBE F2015-11 kW
Hot Water Cylinder	VVM300CUUK	VVM300CUUK	VVM300CUUK
Product code	PAC001A	PAC001B	PAC001C
Price	£ 4,900.00	5,300.00	5,700.00



Pack 2

NIBE F2015, together with the new SMO 05 (Lite) and VPB 200N (Slim) creates a complete heating and hot water solution ideal for existing houses. The new VPB 200N (Slim) stores 200 litres and is sized to fit most UK cupboards. The SMO 05 (Lite) is part of the New Generation controller and is designed for simple dockings. With full intelligence the SMO 05 (Lite) with weather compensating control also features temperature optimisation for a comfortable and stable indoor climate.

	Pack 2 - 6	Pack 2 - 8	Pack 2 - 11
Air/Water Heat Pump	NIBE F2015-6 kW	NIBE F2015-8 kW	NIBE F2015-11kW
Control module	SMO 05	SMO 05	SMO 05
Hot Water Cylinder	VPB 200N (slim)	VPB 200N (slim)	VPB 200N (slim)
3 port valve	VST 05	VST 05	VST 05
Product code	PAC002A	PAC002B	PAC002C
Price	£ 4,500.00	4,800.00	5,200.00



Pack 3

The NIBE F2015, together with a VPA 300/200 and SMO 10 creates a complete heating and hot water solution where there is a large demand for hot water. The VPA 300/200 stores 300 litres of domestic hot water. An immersion heater is supplied as back up for the domestic hot water during periods of excessive demand. The SMO 10 is a weather compensating control box to ensure the most economical operation of the system. This pack allows the heat pump to be docked with a gas, oil or electric boiler and is an ideal system for retro fit or new installations.

	Pack 3 - 6	Pack 3 - 8	Pack 3 - 11
Air/Water Heat Pump	NIBE F2015-6 kW	NIBE F2015-8 kW	NIBE F2015-11kW
Control module	SMO 10	SMO 10	SMO 10
Hot Water Cylinder	VPA300/200CUUK	VPA300/200CUUK	VPA300/200CUUK
3 port valve	VST 11	VST 11	VST 11
Immersion heater	IU34	IU34	IU34
Immersion heater thermostatic head	K11	K11	K11
Relay module	HR10	HR10	HR10
Product code	PAC003A	PAC003B	PAC003C
Price	£ 5,100.00	5,600.00	6,000.00



Pack 4

The NIBE F2015, together with the new SMO 05 (Lite) is part of the New Generation controller and is designed for simple dockings. With full intelligence the SMO 05 (Lite) with weather compensating control also features temperature optimisation for a comfortable and stable indoor climate. This pack is ideal for retro fit and is heating only and can be docked with a gas combination boiler.

	Pack 4 - 6	Pack 4 - 8	Pack 4 - 11
Air/Water Heat Pump	NIBE F2015-6 kW	NIBE F2015-8 kW	NIBE F2015-11kW
Control module	SMO 05	SMO 05	SMO 05
Product code	PAC004A	PAC004B	PAC004C
Price	£ 3,250.00	3,600.00	4,050.00

NIBE AIR/WATER HEAT PUMP

Pack 5

The NIBE F2015, together with the SMO 10 is an attractive air/water heat pump with its durable stainless steel casing and is supplied with the SMO 10 weather compensating control box to ensure the most economical operation of the system. This pack allows the heat pump to be docked with a gas, oil or electric boiler and is an ideal system for retro fit or new installations.

	Pack 5 - 6	Pack 5 - 8	Pack 5 - 11
Air/Water Heat Pump	NIBE 2015-6kW	NIBE 2015-8 kW	NIBE F2015-11kW
Control module	SMO 10	SMO 10	SMO 10
Product code	PAC005A	PAC005B	PAC005C
Price	£ 3,550.00	3,900.00	4,300.00





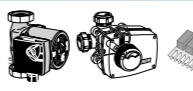

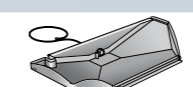


Pack 6

The NIBE F2015, together with the VPAS 300/450 and SMO 10 is a compact system utilising the attractive NIBE F2015 air/water heat pump with its durable stainless steel casing. The system is supplied with a VPAS 300/450 for a complete heating and hot water solution. The VPAS 300/450 has connections for use with solar thermal panels and stores 300 litres of domestic hot water. Immersion heater back up is also supplied for the domestic hot water during periods of excessive demand. The SMO 10 is a weather compensating control box to ensure the most economical operation of the system. This pack allows the heat pump to be docked with a gas, oil or electric boiler and is an ideal system for retro or new installations.

	Pack 6 - 6	Pack 6 - 8	Pack 6 - 11
Air/Water Heat Pump	NIBE 2015-6 kW	NIBE 2015-8 kW	NIBE 2015-11kW
Control module	SMO 10	SMO 10	SMO 10
Water heater	VPAS300/450CUUK	VPAS300/450CUUK	VPAS300/450CUUK
3 port valve	VST 11	VST 11	VST 11
Immersion heater	IU34	IU34	IU34
Immersion heater thermostatic head	K11	K11	K11
Relay module	HR10	HR10	HR10
Product code	PAC006A	PAC006B	PAC006C
Price	£ 6,100.00	6,600.00	7,000.00



Accessories - Product Description	Product code	Type	Price
NIBE UKV Range Sizing restrictions apply. Please see technical specifications.		ACC	
 UKV 100	088207		£180.50
UKV 200	080300		£410.70
UKV 300	080301		£565.40
UKV 500	080302		£681.40
VST 11	089152	ACC	£115.00
 28 mm three way hot water control valve. Three way hot water control valve for loads from 15 - 40K			
Pool 20	064006	ACC	£206.64
 Control Pack for Swimming Pools			
HR10	089423	ACC	£152.88
 Relay module			
ESV20	089317	ACC	£367.08
 Shunt Group for Mixed Heating Systems			
ELK 5kW 1x230V	069025	HP	£560.00
ELK 8kW 1x230V	069026	HP	£692.00
 Single phase electric boiler			
KVT 11	067133	ACC	£185.00
 Condensate drain			