



At home in
every project.

Dynamic
Heat Pump



Dynamic

Heat Pump

Because no two installations are the same.

Every installation is different. A renovation project requires a different approach from a new-build home. The available space varies, the heat emission system is different, and the end customer's requirements also differ.

In some cases, a hybrid solution is the best choice, while in others a fully electric installation is preferred. And not every project is limited to a single home. That is the daily reality for the installer.

Why should a heat pump determine how your installation is designed?

With the Vasco Dynamic, you benefit from maximum flexibility. Instead of a fixed hydraulic indoor unit dictating your design, you get a compact monobloc heat pump that integrates effortlessly into a wide range of projects. You decide how the installation is configured, fully tailored to the requirements of the project.

Whether it is a compact renovation, a new-build home, a hybrid installation or a cascade configuration for a larger residential project, the Vasco Dynamic provides the flexibility to install the system exactly the way you want.

“The Dynamic adapts to your project. Not the other way around.”

Installation freedom.

Every installer knows the challenges. Technical space is limited, existing radiators need to be retained, only a single-phase power supply is available, or the customer wants the installation to be expandable in the future. These are not exceptions—they are situations encountered every day.

That is exactly why the Vasco Dynamic was developed.

The greatest strength of the Dynamic lies not only in the performance of the heat pump, but above all in the freedom it offers. Without a fixed hydraulic indoor unit, you decide how the installation is configured. With or without a buffer tank, as a hybrid or fully electric system, with a domestic hot water cylinder, pump groups or zone valves.

You choose the solution that best fits your project.

The Dynamic also offers maximum flexibility when it comes to available space. All essential hydraulic components are integrated into the compact outdoor unit. Indoors, only a control unit is required, leaving valuable technical space available and simplifying installation.

The result is a heat pump that adapts to the way you work, rather than the other way around. More design freedom, fewer limitations, and a solution that fits seamlessly into both renovation and new-build projects.

Key system benefits



Easy installation:

With a single-phase 230 V power supply across all models, these units are ideally suited for both renovation and new-build projects. The compact, easy-to-install control unit enables a space-saving and fast installation.



Efficient:

An A+++ energy rating (for low-temperature applications) and a COP of up to 4.10 (A2/W35) ensure low energy consumption. In addition, the system is environmentally friendly thanks to the use of R290 refrigerant.



Connectivity:

These units are Smart Grid Ready and fully compatible with Modbus.



Flexible:

Thanks to the possibility of expanding the system at a later stage and because no specific hydraulic indoor unit is prescribed, you retain the flexibility to design and configure the installation according to the project's requirements.



Attractive price:

With an excellent price-performance ratio, the Dynamic makes modern heat pump technology accessible for every budget.



Powerful:

Available in 5 models with an output range of 4.5 to 12 kW at low outdoor temperatures (A-7/W35). Up to 72 kW in a cascade configuration (max. 6 units).



Indoor controller:

Equipped with a user interface offering extensive control and operating functions.

Outdoor unit:

Available in 5 versions:

- Dynamic 4 - 4.5 kW
- Dynamic 6 - 6.2 kW
- Dynamic 8 - 8.4 kW
- Dynamic 10 - 10.0 kW
- Dynamic 12 - 12.0 kW



R290 (propane) is a natural refrigerant with a very low environmental impact and high energy efficiency. Thanks to its low GWP*, it is a sustainable and future-proof choice for modern heat pump systems.

*Global Warming Potential



“Up to 6 units
in a cascade
configuration.”

Compact in size. Big on possibilities.

Don't let the compact dimensions of the Vasco Dynamic fool you. Behind its compact design is a heat pump that is ready for a wide range of applications and the energy demands of the future.

With flow temperatures of up to 75 °C and reliable operation at outdoor temperatures down to -25 °C, the Dynamic delivers outstanding performance for both new-build and renovation projects. It is ideally suited for use with underfloor heating as well as existing radiators, combining heating, cooling and domestic hot water production in one efficient system.

This versatility makes the Dynamic suitable for virtually any project—from a single-family home to an apartment building, from a hybrid installation to a fully electric solution.

And if your project grows, the Dynamic grows with it. Thanks to cascade configurations of up to 6 units, the system can be expanded to approximately 72 kW of heating capacity without compromising flexibility.

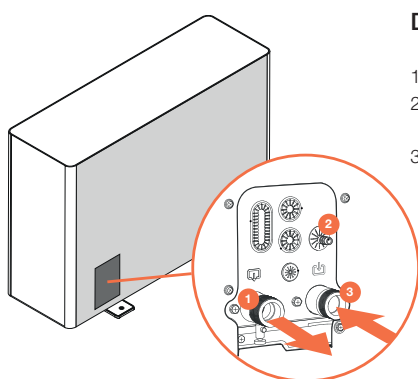
The Dynamic is also a future-proof choice. The natural refrigerant R290 combines outstanding performance with an exceptionally low environmental impact, making the heat pump ready for tomorrow's energy requirements. With Smart Grid Ready functionality, Modbus integration, and support for both hybrid and fully electric applications, the Dynamic integrates seamlessly into today's and tomorrow's energy systems.

Powerful performance. Flexible application. Ready for the future.

Dynamic Technical specifications

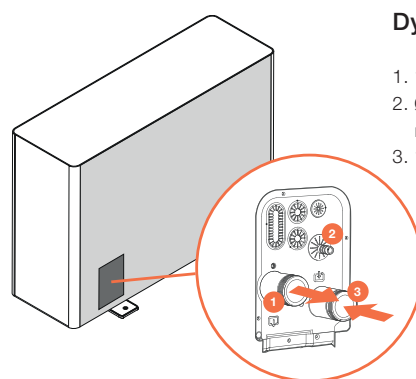
Type and sales designation					Dynamic 4	Dynamic 6	Dynamic 8	Dynamic 10	Dynamic 12
Article number					11HP20004	11HP20005	11HP20006	11HP20007	11HP20008
Heating	Output range	W 35/30°C A 7°C	Nominal / Max.	kW	4.50 / 6.86	6.20 / 7.70	8.40 / 10.40	10.00 / 11.00	12.00 / 14.70
	Coefficient of performance (COP)		Nominal	-	5.15	4.90	5.00	4.70	4.80
	Output range	W 35/30°C A -7°C	Nominal / Max.	kW	4.50 / 5.56	5.90 / 6.18	7.00 / 8.74	8.00 / 8.89	10.00 / 11.10
	Coefficient of performance (COP)		Nominal	-	3.10	2.95	3.00	2.85	2.80
	Output range	W 45/40°C A 7°C	Nominal / Max.	kW	4.50 / 6.55	6.40 / 7.35	8.20 / 9.57	10.00 / 10.50	12.00 / 14.10
	Coefficient of performance (COP)		Nominal	-	4.05	3.80	3.85	3.65	3.70
Cooling	Output range	W 18/23°C A 35°C	Nominal / Max.	kW	4.50 / 7.84	6.50 / 9.75	8.30 / 11.40	10.00 / 12.10	12.00 / 16.40
	EER (Energy Efficiency Ratio)		Nominal	-	5.50	5.10	5.15	4.75	4.50
	Output range	W 7/12°C A 35°C	Nominal / Max.	kW	4.70 / 5.66	6.80 / 7.14	7.50 / 8.19	8.90 / 8.90	11.50 / 12.00
	EER (Energy Efficiency Ratio)		Nominal	-	3.65	3.10	3.45	3.25	3.05
Electrical power for electricity meter sizing				kW	2.70	3.00	3.60	3.90	5.70
Seasonal efficiency	Water heating 55°C	Energy efficiency class	-	A++	A++	A++	A++	A++	
		Annual energy consumption	kWh/year	2684	3164	3676	4215	6847	
		SCOP	-	3.79	3.82	3.82	3.82	3.62	
		ηS (seasonal energy efficiency)	%	149	150	150	150	142	
Average climate	Water heating 35°C	Energy efficiency class	-	A+++	A+++	A+++	A+++	A+++	
		Annual energy consumption	kWh/year	2040	2692	3187	3734	5376	
		SCOP	-	5.09	4.91	5.20	5.07	4.68	
		ηS (seasonal energy efficiency)	%	201	194	205	200	184	
Technical characteristics									
Power supply		Voltage / Frequency / Phases		V / Hz / n°		230 / 50 / 1			
Water flow rate		W 35/30°C A 7°C	Nominal	l / s	0.21	0.30	0.40	0.48	0.57
Available pump head			Nominal	kPa	89	87	80	71	63
Minimum system water volume				l	30				40
Expansion vessel capacity				l	8				
Sound power level			Min. / Nominal	dB (A)	51 / 56	53 / 58	55 / 60	56 / 61	58 / 65
Sound pressure level at 1 m distance			Min. / Nominal	dB (A)	40 / 44	42 / 46	42 / 48	43 / 49	43 / 51
Operating range									
Water supply temperature	Heating	Fully electric	Min. / Max.	°C	25 / 75				
	Domestic hot water (DHW)	Hybrid	Min. / Max.	°C	25 / 75				
Operating range (outdoor air)	Cooling	-	Min. / Max.	°C	5 / 25				
	Heating	-	Min. / Max.	°C	-25 / 35				
	Domestic hot water (DHW)	-	Min. / Max.	°C	-25 / 46				
	Cooling	-	Min. / Max.	°C	-5 / 46				

Dynamic Connections and dimensions



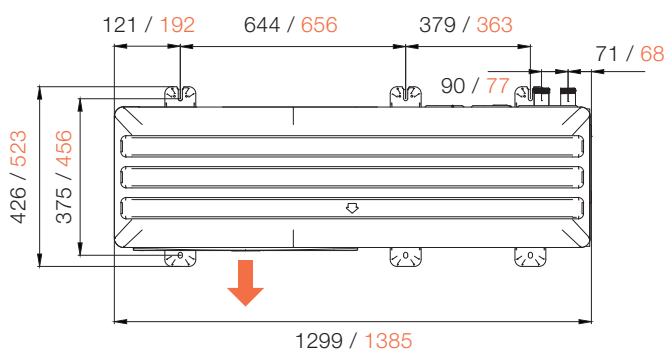
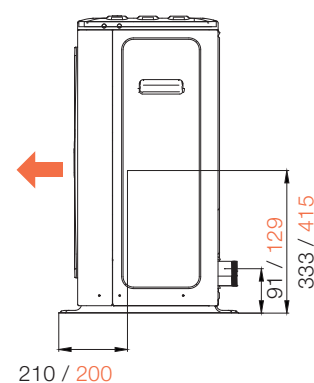
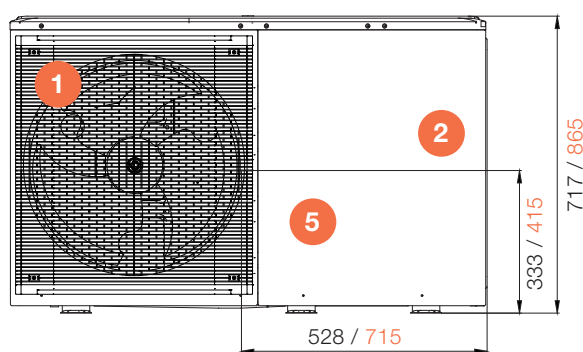
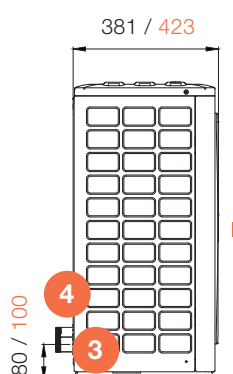
Dynamic 4 - 6

1. 1" system supply
2. Ø 16 mm pressure relief valve
3. 1" system return



Dynamic 8 - 10 - 12

1. 1 1/4" system supply
2. Ø 16 mm pressure relief valve
3. 1 1/4" system return



1. Fan
2. Electrical panel
3. Water connections
4. Power supply connection
5. Compressor compartment

— Dynamic 4 - 6

— Dynamic 8 - 10 - 12

(Dimensions in mm)



Prices

PRICE GROUP: VPG13 – VPG13B HEAT PUMPS

Type and sales designation	Article number	Price
Dynamic		
Dynamic 4	11HP20004	€ 5.363,91
Dynamic 6	11HP20005	€ 6.200,65
Dynamic 8	11HP20006	€ 6.758,12
Dynamic 10	11HP20007	€ 7.722,19
Dynamic 12	11HP20008	€ 8.790,05
Installation kit for the indoor controller		
Indoor controller	11HP41002	€ 870

BELGIUM / THE NETHERLANDS 06/2026. Prices in euros (excl. VAT).

Vasco cannot be held responsible for any printing errors or changes to the product range. Terms and conditions of sale: vasco.eu





Services

From commissioning and maintenance to fast service interventions, we ensure that your heat pump installation continues to perform at its best. With our professional service, you benefit from maximum comfort, a long service life for your installation and reliable, worry-free operation all year round.

“Always carried out by an authorised service partner.”



You can easily request commissioning, a one-time maintenance visit or a service intervention by scanning the QR code below.

3 service modules:

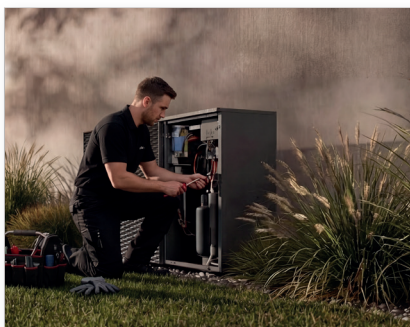


Commissioning

Your authorised Vasco Service Partner ensures professional commissioning and the correct adjustment of your installation. This guarantees efficient and reliable operation from day one.

- Inspection of all components and connections
- Configuration of the control system
- Comprehensive functional test of the system
- Clear user instructions and advice
- Commissioning report
- Commissioning of the domestic hot water (DHW) buffer tank (optional)
- Commissioning of the cooling function (optional)

€ 450 excl. VAT*



Maintenance

Regular maintenance keeps your installation in top condition and extends the service life of your system. This ensures your heat pump continues to operate efficiently, powerfully and reliably.

- Technical inspection of the complete installation
- Cleaning of the fan and heat exchanger
- Inspection of the refrigerant circuit and pressure levels
- Testing of heating and cooling performance
- Optimisation of the settings based on your usage pattern
- Service report
- Travel costs included

€ 560 excl. VAT



Service intervention

A malfunction or technical issue? Our service technician will be on site quickly to identify the cause and provide an appropriate solution.

- Fast diagnosis and repair
- On-site service intervention
- Inspection of the installation after repair
- Professional support and advice

Price on request

*For a cascade system, the commissioning fee applies per heat pump.



No hassle. Simply Vasco.

One partner. All climate solutions.



Dynamic



A comfortable and energy-efficient home is not achieved with a single product, but with **smart solutions that work seamlessly together**. That is why Vasco develops a complete system in which every solution integrates perfectly with the others. Discover our product categories and experience how they work together to deliver optimal comfort, a healthy indoor climate and maximum energy efficiency.



Ascotherm®

Floor convectors

Perfectly matched to heat pumps. Energy-efficient heating, cooling and ventilation in one solution. Thanks to their sleek design and quiet operation, the floor convectors blend seamlessly into any interior.



Carisma Whisper

Fan coil units

The quiet force behind optimal comfort. The ideal complement to heat pumps. Together, they provide energy-efficient heating and cooling for the home.



Underfloor heating

Invisible comfort. A noticeable difference. Vasco underfloor heating combines even heat distribution with maximum energy efficiency and works perfectly with a heat pump.



X-flair

Low-temperature radiator

The comfort of a radiator, optimised for low-temperature operation. Thanks to the efficient X2 technology, X-flair radiators are the ideal partner for heat pumps.

