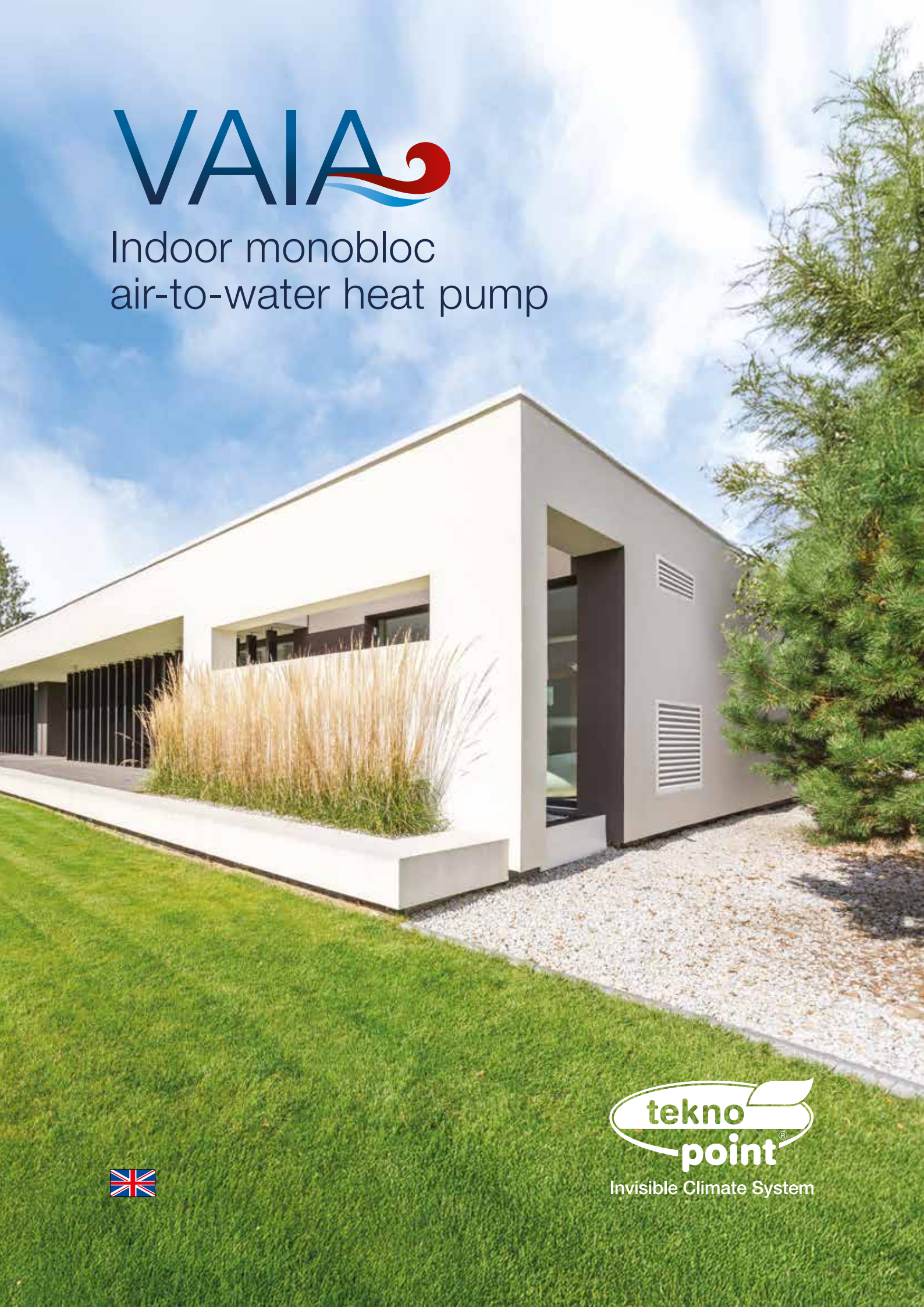
VAIA

Indoor monobloc air-to-water heat pump



tekno point®

Invisible Climate System

VAIA
INVISIBLE CLIMATE SYSTEM

INDOOR MONOBLOC AIR-TO-WATER HEAT PUMP

VAIA is the new compact monobloc air-to-water heat pump designed for indoor installation: the perfect solution for historic city centers, prestigious buildings, and all contexts where **preserving the architectural character of the building is essential**.

Installation simply requires two direct connections to the outside, through the perimeter wall or the roof, for air aspiration and expulsion, discreetly hidden by a paintable grille.

DISCRETE
Completely hidden from view;

INNOVATIVE
Full DC Inverter Technology;

A+++ ENERGY CLASS
Energy savings and reduced consumption;

COMPACT
Quiet operation and compact dimensions;

DESIGN THAT RESPECTS ARCHITECTURAL HARMONY

Those who live in architecturally significant buildings or in historic city centers know how important it is to preserve the aesthetic and historical value of their property.

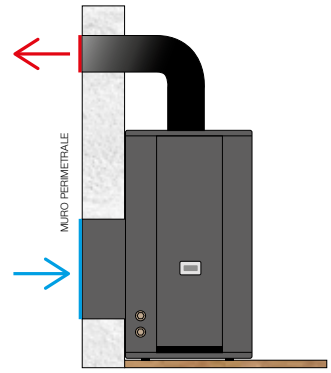
Vaia, **the indoor monobloc air-to-water heat pump**, is the ideal solution for ensuring year-round indoor comfort without encroaching on outdoor spaces such as terraces, facades, or gardens.

Its **cutting-edge technology** operates quietly to deliver daily well-being in every season perfect for those seeking the highest level of home comfort with no compromises, transforming every home into a welcoming and sustainable living space.

INSTALLATION EXAMPLES

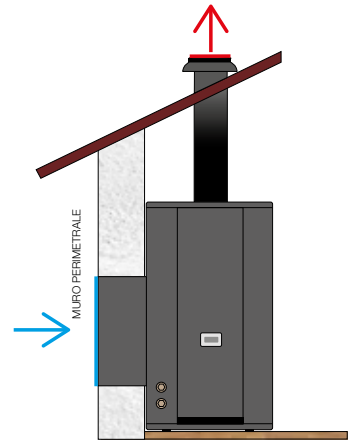
WALL INSTALLATION

Vaia can be installed directly against the perimeter wall, with air aspiration and expulsion routed through ducts in the building wall. This practical, compact, and discreet solution is ideal for those who want to integrate the heat pump without altering the exterior aesthetics of their home.



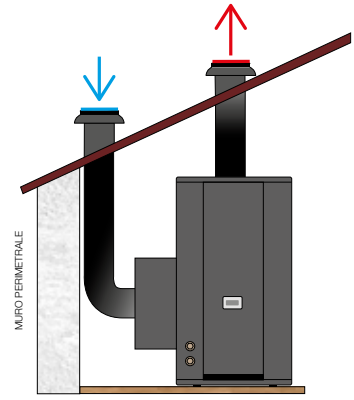
WALL/ROOF INSTALLATION

For those with an attic space, Vaia offers a **second option: air is drawn from the perimeter wall and expelled through the roof**. This configuration ensures maximum efficiency while seamlessly integrating with interior spaces, maintaining both comfort and the architectural harmony of the building.



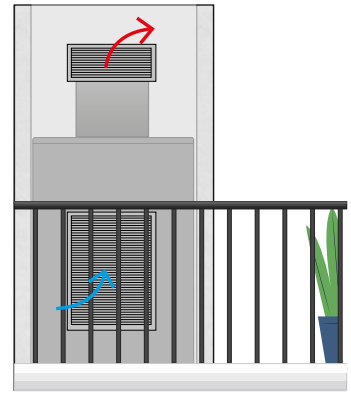
ROOF INSTALLATION

The third option allows both air aspiration and expulsion to occur directly through the roof. In this configuration, the heat pump is still installed against the perimeter wall to occupy as little space as possible.



RECESSED OUTDOOR INSTALLATION

The unit can be placed in a dedicated technical compartment outside the building, remaining out of sight and perfectly integrated into the architectural envelope.



WHAT ARE **VAIA'S** INNOVATIVE FEATURES

RESPECT FOR ARCHITECTURAL HARMONY

No external components on historic buildings or newly designed constructions.

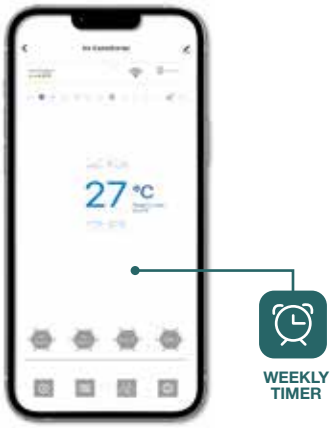
ULTRA-QUIET AND COMPACT FOR INDOOR INSTALLATION

Occupies less than 0.5 m². Compactness and quiet operation combined with new alternative energy solutions.

SIMPLE AND VERSATILE TO INSTALL

It adapts to any project, from a single-family home to an apartment in a block of flats.

SMART LIFE - WI-FI CONTROL APP



The Smart Life app (iOS and Android) allows you to control your device via your home Wi-Fi network, providing a simpler and more enjoyable user experience.

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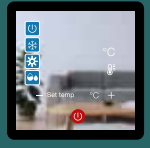


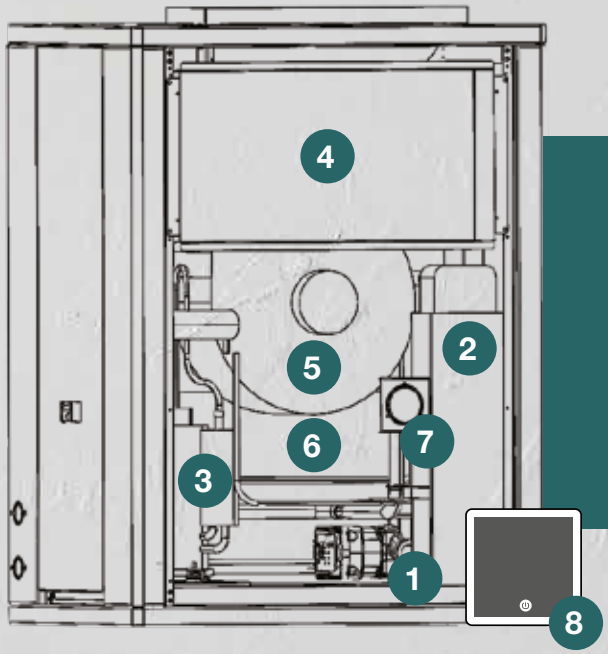
Modbus

FILTOUCH WI-FI AND MODBUS PROTOCOL AS STANDARD

COMFORT THAT REMAINS OUT OF SIGHT

The heat pump is **installed indoors**. Outside, only the **wall grille and the roof air outlet with a rainproof cover are visible**.

The left detail shows the **external grille** and the i**nternal unit**, while the circular detail provides a **top view of the heat pump**, showing the exhaust opening to be connected via duct to the roof outlet. **Maximum efficiency, minimal visual impact**.



VAIA COMPONENTS

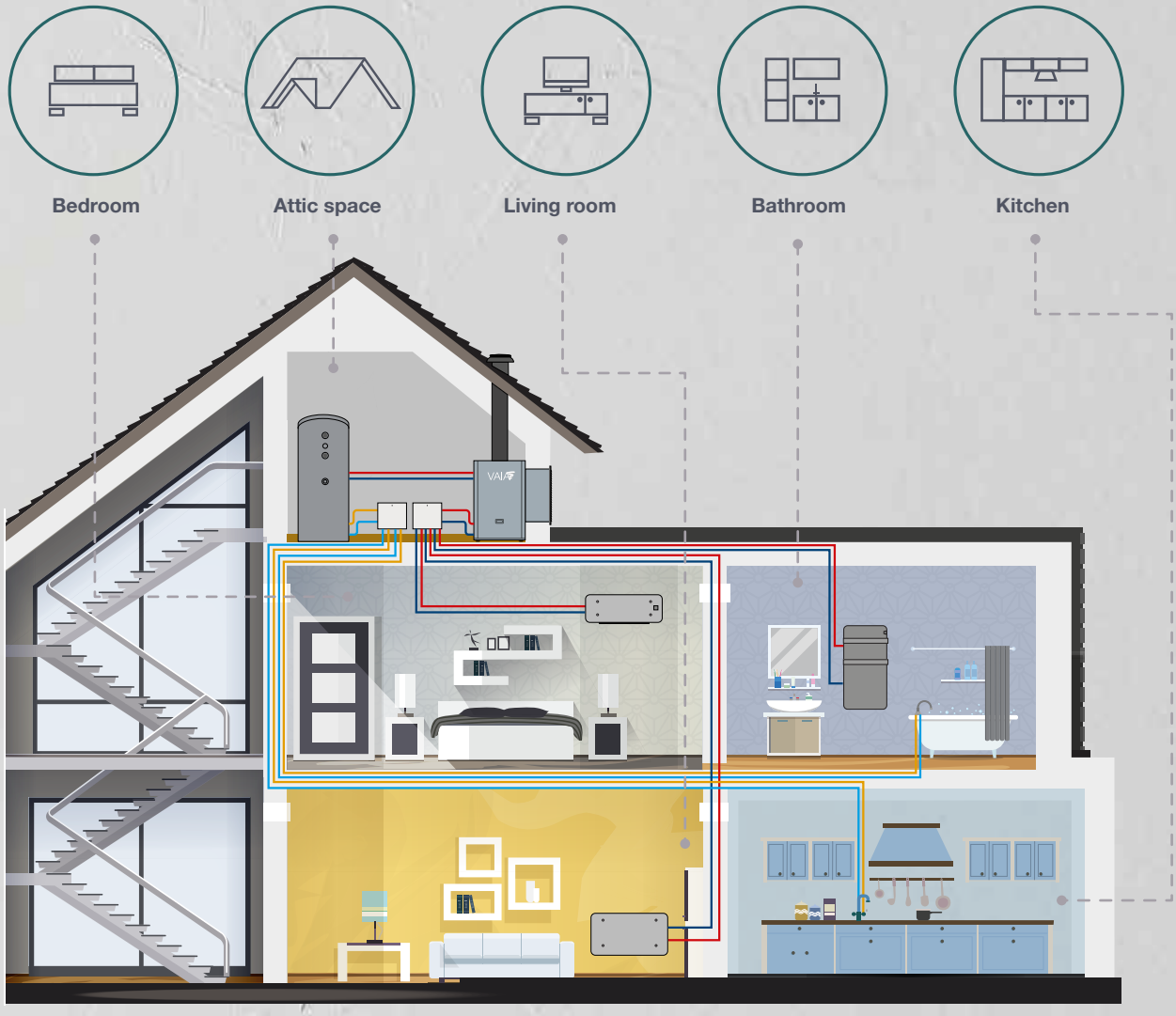
1 - Shimge APM25-12-18 circulator pump
2 - Plate heat exchanger
3 - Compressor
4 - Electronic control boards
5 - Centrifugal fan
6 - Heat exchange coil
7 - Gas-side pressure gauge
8 - Control display

VAIA TECHNICAL SPECIFICATIONS

VAIA Indoor monobloc air-to-water heat pump					
Set code				-	**VAIA-09V1-2**
Power supply				V-Hz-Ph	230-50-1
Overcurrent protection				A	25
Power supply cable cross-section				mm^2	4
Cooling	A35/W7	Capacity	Nom. (min/max)	kW	6.12 (3.58~7.45)
		Power abs.	Nom. (min/max)	kW	2.30 (1.37~3.21)
		EER	Nom.	W/W	2.66 (2.45~3.08)
Cooling	A35/W18	Capacity	Nom. (min/max)	kW	8.79 (3.71~9.35)
		Power abs.	Nom. (min/max)	kW	2.14 (1.32~3.15)
		EER	Nom.	W/W	4.11 (2.52~5.12)
Heating	A7/W35	Capacity	Nom. (min/max)	kW	9,03 (4.50~10.26)
		Power abs.	Nom. (min/max)	kW	2.01 (1.07~2.50)
		COP	Nom.	W/W	4.48 (3.30~5.23)
Heating	A7/W55	Capacity	Nom. (min/max)	kW	7.35 (3.93~9.56)
		Power abs.	Nom. (min/max)	kW	2.56 (1.36~3.30)
		COP	Nom.	W/W	2.87 (1.41~3.42)
Heating	A2/W35	Capacity	Nom. (min/max)	kW	7.89 (3.74~9.22)
		Power abs.	Nom. (min/max)	kW	2.05 (1.02~2.45)
		COP	Nom.	W/W	3.85 (2.40~4.20)
Heating	A-7/W35	Capacity	Nom. (min/max)	kW	6.33 (3.28~7.71)
		Power abs.	Nom. (min/max)	kW	1.95 (0.99~2.48)
		COP	Nom.	W/W	3.25 (2.64~3.96)
Heating	A-7/W55	Capacity	Nom. (min/max)	kW	6.50 (3.25~7.89)
		Power abs.	Nom. (min/max)	kW	2.71 (1.35~3.27)
		COP	Nom.	W/W	2.40 (1.20~2.90)
Heating	A-15/W35	Capacity	Nom. (min/max)	kW	6.10 (2.92~7.19)
		Power abs.	Nom. (min/max)	kW	2.34 (1.13~2.76)
		COP	Nom.	W/W	2.61 (1.24~3.06)
Heating	A-15/W55	Capacity	Nom. (min/max)	kW	5.50 (2.64~6.49)
		Power abs.	Nom. (min/max)	kW	2.89 (1.38~3.41)
		COP	Nom.	W/W	1.90 (0.92~2.24)
Energy class (W35°/W55°)				-	A+++/A++
SCOP (W35°/W55°)				kWh/kWh	4,60/3,61
Compressor				-	1 x Mitsubishi
Compressor type				-	DC Inverter
Fan				-	1 AC
Refrigerant	Type			-	R32
	Precharge			gr	1300
Regulation				-	EEV
Defrosting				-	Auto-defrosting
Heat exchanger				-	Plate heat exchanger - (SWEP)
Circolation pump				-	SHIMGE APM25-12-180
Water connections				inch	1”
Water flow swich				-	SIKA
Nominal water flow rates				m^3/h	1,8
Min. cooling water temperature				°C	8
Maximum HT temperature				°C	60
Maximum DHW temperature				°C	55
Degree of protection				-	IPX4
HP module dimensions (LxPxH)				mm	790x574x1121
Weight				Kg	140
External temperature operating limit				°C	-20~43
Seasonal energy efficiency		ETAS W35°/W55°		-	180,9% / 141,6%
		ACS - DHW W55°		-	130%

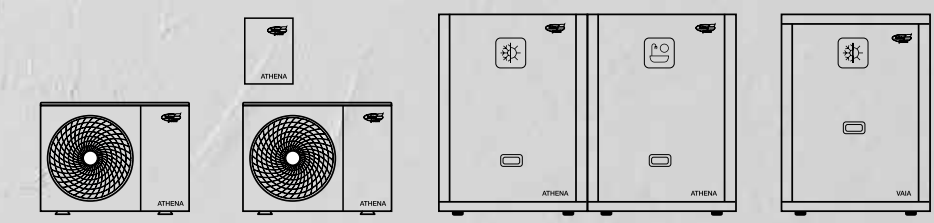
WITH INVISIBLE HEAT PUMPS, TEKNO POINT MAKES CLIMATE CONTROL IN YOUR SPACES EFFORTLESS.

With Tekno Point Italia's invisible heat pumps, comfort becomes simple and elegant. **A single, out-of-sight unit is all it takes to climate-control multiple rooms at the same time**, allowing you to set the desired temperature in each space. A discreet and efficient solution that **preserves building aesthetics** and reduces visual impact, without compromising on comfort. With Tekno Point, technology and design work together to deliver well-being and freedom, indoors and out.



Example of a VAIA installation in a three-storey apartment.

DISCOVER THE REST OF THE RANGE



SOLUTIONS COMPATIBLE WITH **VAIA**

Vaia integrates seamlessly with Ginevra hydronic terminals, radiant floor or ceiling systems, and high-efficiency radiators.
An ideal solution for both residential and commercial environments, it adapts to any space, style, and design requirement, consistently ensuring uncompromised comfort.

GINEVRA FS (floor standing)

Slim design and maximum installation flexibility, ideal for floor or ceiling applications.

1,0 kW | 2,3 kW | 3,1 kW | 4,1 kW

GINEVRA HW (high wall)

A slim, versatile wall-mounted hydronic split designed to blend discreetly and elegantly into any environment.

1,6 kW | 2,3 kW | 3,2 kW

GINEVRA Bi (bathroom)

Designed for the bathroom, compact and functional with just 12 cm thickness, and equipped with a towel holder.

GBi 1,4 kW | GBi small 0,68 kW

RADIANT FLOOR SYSTEM

RADIANT CEILING SYSTEM

HIGH-EFFICIENCY RADIATORS

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