



Zé7

THERMODYNAMIC MULTISERVICE SOLUTION,
WITHOUT OUTDOOR UNIT.



Individual solution suitable for flats as well as single-family detached homes.
Ideal for new homes and renovations to improve their energy performance.

*Applies to domestic hot water.

**Measurements carried out in situ in heating mode in a living room/kitchen.

***Parts guaranteed for 5 years subject to validation of compliance by intuis, compliance with the maintenance protocol and the conditions of warranty stipulated in the T&Cs of the current rate.



New generation of multiservice solution made in France



How does Zé7 work?

Zé7 is a thermodynamic **multiservice solution without an outdoor unit**, integrating a low-capacity heat pump to deliver domestic hot water (as a priority) **while also providing air-based heating**. The available output covers spaces up to 60 m², from a studio to a 4-bedroom flat.

It uses **R290**, a **low-environmental-impact** refrigerant, ensuring excellent thermodynamic performance.

Zé7 is a **monobloc** system designed for indoor installation. It draws outdoor air through two ducts and delivers warm air into the main living space as required.

2 operating modes



Domestic hot water mode

Winter mode : Zé7 captures the calories in the outdoor air to heat the storage tank. Domestic hot water can be produced from outdoor air up to 60 °C in thermodynamic mode, and up to 65 °C with the back-up heater.

Summer mode : Zé7 uses indoor air to produce domestic hot water. The heat recovered from this air results in a reduction of the room temperature. Thanks to this thermodynamic operation, **Zé7 consumes up to three times less energy than a conventional electric water heater.**



Heating mode

To heat the main living space, Zé7 relies on its air-source heat pump drawing energy from outdoor air.

Unlike a conventional air-to-air heat pump, Zé7 is a fully monobloc system that simultaneously provides space heating and domestic hot water.

A concentration of technologies and performance

Air treatment : G4 protection filter (supplied as standard) for effective protection against dust, pollen and fibres, helping to preserve indoor air quality.

Complete and compact solution : 200 litres **stainless steel tank with a 5 years warranty**, requiring no corrosion protection.

Uncompromising efficiency : 100 % aluminium heat exchanger, designed to optimise stratification and limit limescale build-up.



Adjustable output :

the fan motor automatically adapts the airflow rate according to demand, helping to optimise energy consumption.

Unique, fully monobloc design: a guarantee of comfort.

Smart control : easy-to-use digital display.

greater energy efficiency

(1) Depending on the initial situation, replacing the product may help improve the home's energy efficiency class.

Key benefits of the solution

High performance in extreme cold

Operates in thermodynamic mode with outdoor temperatures as low as **-15 °C** in winter and up to **45 °C** in summer.

Optimised consumption

Consumes up to **4 times less energy than a gas boiler** and is **3 times more cost-effective**.

Composite solution, the N°1 asset for energy performance

Zé7 provides **heating** in the main living area, while smart electric radiators complement heating requirements in bedrooms and bathrooms.

Smart control

Heating is managed by a room sensor that **adjusts the output in real time according to the indoor temperature**. This ensures improved seasonal efficiency.

Suitable for all household sizes

Supplies up to **660 litres of hot water per day** at 40 °C. Compatible with photovoltaic systems for increased energy savings.

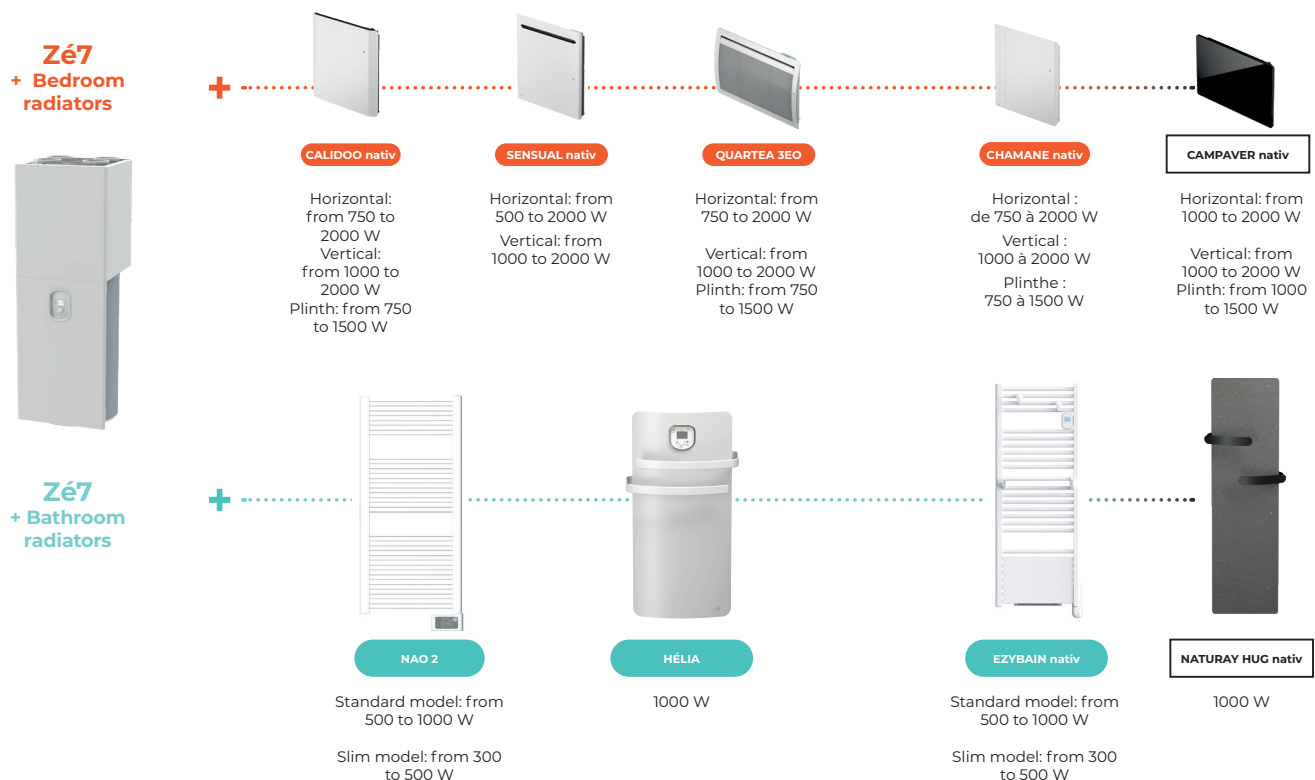
Quiet operation

Only **34 dB(A)**.LNAT⁽²⁾.

French excellence

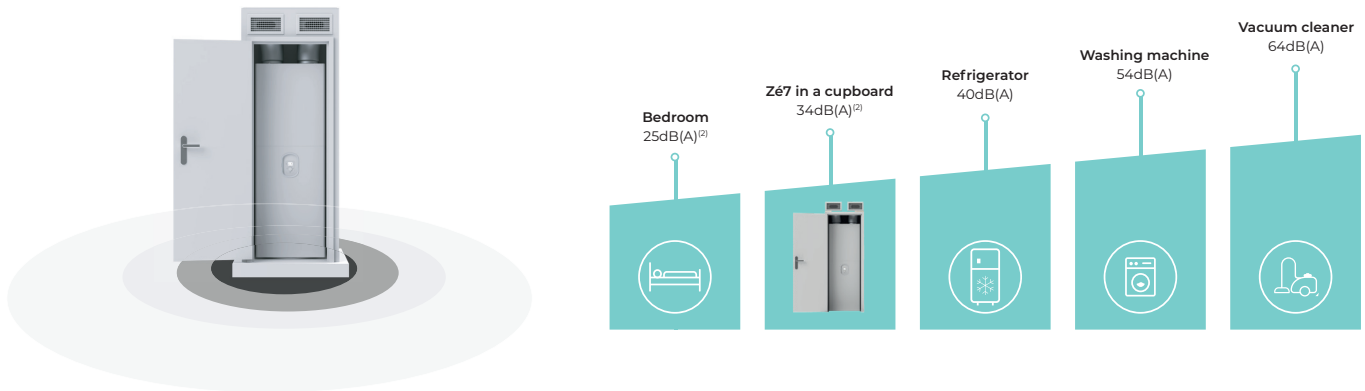
Like all Intuis thermodynamic water heaters, Zé7 is certified **Origine France Garantie**, a mark of quality, durability and local expertise.

Illustration of the composite solution



⁽²⁾ Sound pressure level measured in situ in heating mode in a living room/kitchen, with Zé7 installed in a dedicated cupboard.

Zé7 noise level



Key benefits for professionals

Optimal efficiency

DHW reference COP3 of **4.76**.

Compact design

With no outdoor unit, Zé7 can be installed in an **800 × 800 mm cupboard**, ensuring acoustic comfort (footprint up to 1 m²).

Easy installation and maintenance

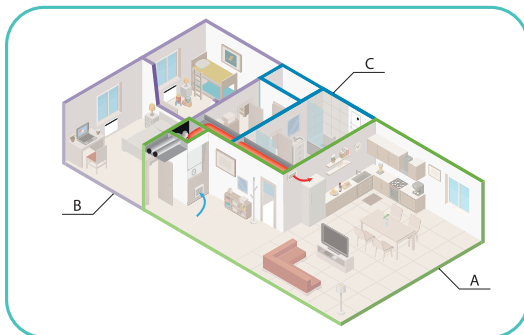
Monobloc with no outdoor unit, Zé7 can be connected via **roof, facade** or a **combination** of both (roof + facade), with no refrigerant handling required.



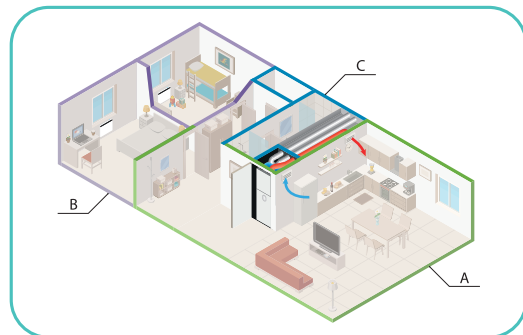
Access our
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Typical layouts

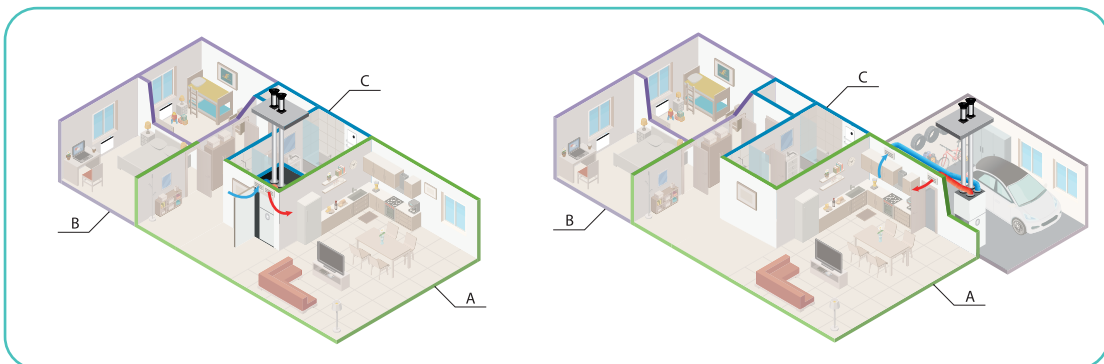
1 Wall configuration - semi-ducted



2 Wall configuration - ducted



3 Roof configuration - ducted



Zone A (main living area): heated and controlled by Zé7. / **Zone B (bedrooms):** partially heated by Zé7 and by smart electric radiators via the Intuis Connect app. / **Zone C (bathroom):** heated and controlled by intuis towel radiators.

Please refer to the installation manuals for recommended installation practices.

⁽²⁾Sound pressure level measured in situ in heating mode in a living room/kitchen, with Zé7 installed in a dedicated cupboard.

⁽³⁾Measured value

Technical specifications

Heat pump performance					
Maximum power input	kW	2,5	Indoor sound power level in DHW mode	dB(A)	50
Electric backup power	kW	1,2	Indoor sound power level in heating mode	dB(A)	45
Heat pump power consumption	kW	1,3	Refrigerant (type/quantity)	-/kg	R290 / 2 x 0.15
Operating air temperature range	°C	-15 to +45	Global warming potential	kg CO ₂ equivalent	0,9
Indoor air flow rate	m³/h	150 to 300	Maximum duct length (supply + return) indoor duct	m	10 (flexible)
Outdoor air flow rate (nominal)	m³/h	200 to 400 (300)	Maximum duct length (supply + return) outdoor duct	m	20 (semi-rigid)

DHW performance data (EN 16147)					
ErP energy class	A+		Reference DHW temperature	°C	53,3
Seasonal energy efficiency	125 %		Heat-up time	h : mm	6 h 58 mm
NF Performance	In progress		Mixed water volume at 40 °C (V40)	L	240,4
Tank volume	L	200	RE2020 data		
Draw-off profile	M		Reference COP*		4,76
Coefficient of performance (outdoor air +7 °C)	3,13		U A_S		3,13
Power input in steady state (Pes)	W	26	Reference power input		0,23

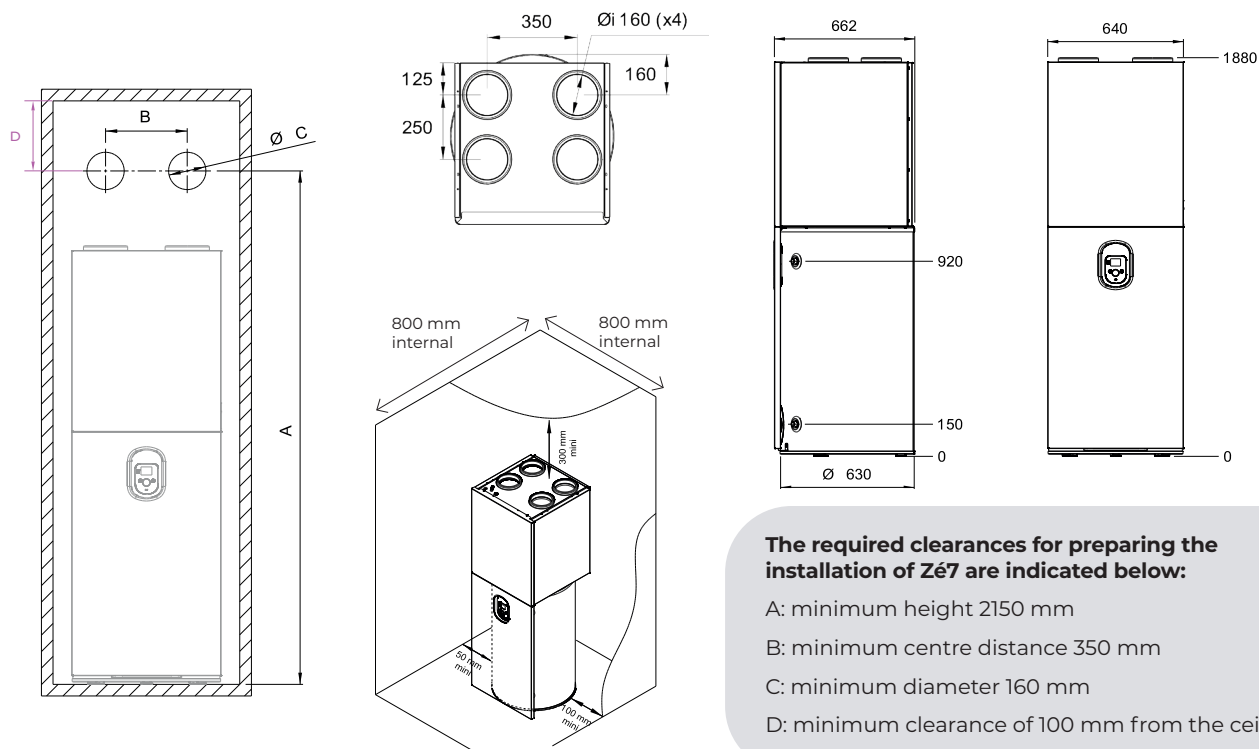
Heating performance data (EN 14511)					
Power input	kW	0,38	Indoor air temperature	°C	20
Heating capacity at +7 °C	kW	1,24	Outdoor air temperature	°C	7
			COP*		3,25

Dimensions and connections					
Dimensions (W x D x H)	mm	640 x 662 x 1880	Power supply	V-Hz-A	230 V / 50Hz / 16 A
Empty weight	kg	130	Circuit breaker	A	16 A curve D
Air connection diameter (intake / exhaust)	mm	Ø 160	Power cable cross section	Nb x mm²	3G2.5
Hydraulic connection	"	M ¾" (dielectric fittings supplied, not fitted)	Ingress protection rating		IPX1

Tank					
Tank material	Stainless steel		Tank volume	L	200
Anti-corrosion protection			DHW temperature (min / max) with heat pump	°C	30 to 60
Insulation	50 mm polyurethane		DHW maximum temperature with electric backup	°C	65
Maximum operating pressure	bar	6	Electric backup power	kW	1,2

* Measured values.

Dimensions



Contacts

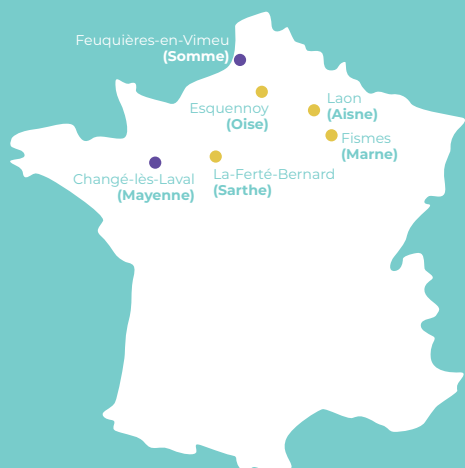
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intuis **designs and manufactures its thermodynamic solutions in France**, at its Feuquières-en-Vimeu site (80).



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