

NEW

ALFEA MONOBLOC

AIR-TO-WATER
HEAT PUMP



REMARKABLY SILENT MONOBLOC HEAT PUMP



- FRENCH BRAND
- RECOMMENDED BY PROFESSIONALS
- CONNECTED SOLUTIONS

Alfea Monobloc: the power of silence



+ Quick & simple to install

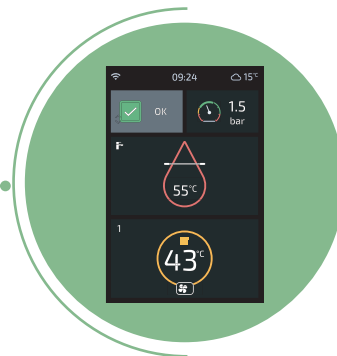
- **Smart Protect System Benefits**
Less installation troubles
- **Exclusive Atlantic Smart Adapt System**
operates without an outdoor sensor

+ Easy to maintain

- **Smart Protect System:**
less maintenance interventions
- Better accessibility of components

+ User-friendly

- Intuitive controls interface
- Color and text display



+ Connected

- Wi-Fi connection to Cozytouch via bridgeless NaviLink thermostat
- Compatible with all-new NaviLink 225 Connect and 228 Radio-Connect thermostats

+ Enhanced outdoor robustness

Corrosion-free materials and components



Alfea Monobloc

Extensive Range of 3 Premium Models:

Compact, Smart system and Smart System DUO (DHW included)



MAIN PRODUCT BENEFITS

+ Energy savings

Inverter technology delivering silent operations, with the perfect adjustment to real output demand.

+ Silence

Remarkably silent model up to 34 dB(A) at 3 m (according to model).

+ Durability

The Smart Protect System maximises heat pump performance during lifetime, with enhanced resistance to frost and clogging (except for Compact model).

+ Comfort

- Range covering best-selling domestic outputs.
- Comfort in Summer: integrated cooling
- Comfort in Winter with possibility for extensive DHW supply (DUO version)

+ Performance

- Appropriate for replacing fossil-powered boilers, as well as previous generation heat pumps.
- Appropriate for dwellings with enhanced insulation.

What is the Alfea monobloc heat pump?

It is eco-friendly, cost effective and delivers best-in-class performance.

Compatible with all hydraulic radiators, underfloor heating and cooling systems plus fan coils.

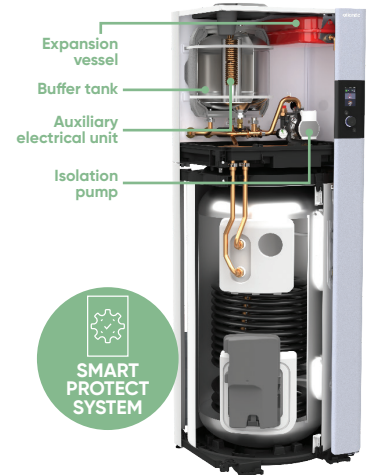
Alfea Monobloc has 3 different models:

- **Compact**: hydraulics-free compact indoor unit for maximum space savings
- **Smart System**: Built-in mini buffer tank and hydraulic separation pump.
- **Smart System DUO**: Heating & Domestic Hot Water (DHW) fitted with Smart Protect system.

Atlantic technologies ahead of **comfort & reliability**

SMART PROTECT: A UNIQUE DECOUPLING HYDRAULIC SYSTEM WITH AN EXTRA BUFFER TANK

- The **Smart Protect System** reinvents HP installations standards with no space loss.
This technology maximises heat pump performances over time.
- **All-in-one technology:** pre-fitted with buffer tank, decoupling pump, filter, drain valve and electrical back-up heater.
- Ensures maximal **exchanger protection:** guaranteed minimum flow, filter and decantation system

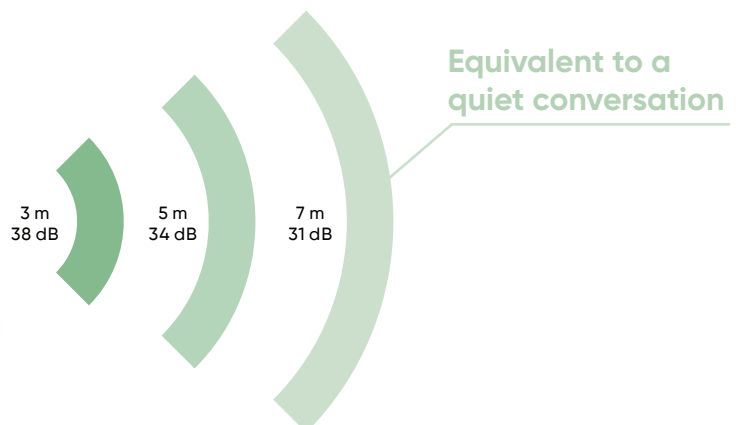


SMART PROTECT: ROBUST & EASY-TO-USE

BENEFITS	SMART PROTECT SYSTEM
<p>Quick & easy installation Up to 4 hrs time savings</p>	<p>No additional space required. All-in-one system: pre-fitted with buffer tank, 2nd decoupling pump, filter, drain valve and electrical back-up heater</p>
<p>Durability</p>	<p>Built-in exchanger protection: to guarantee an extended lifecycle of the heat pump</p>
<p>Compact design 1m² saved</p>	<p>Engineered as an All-Built-In hydraulic module (Duo model = 60 x 60 cm floor space)</p>

ONE OF THE MOST SILENT HEAT PUMP FOR ACOUSTIC PRESSURE PERFORMANCE

Ultra-silent performance:
e.g., 8 kW model



Your thermal comfort adjusted to your needs



Compatible thermostats to manage comfort in your living areas

- NaviLink 105
- NaviLink 225 Connect
- NaviLink 228 Radio-Connect



Cozytouch

Remote control

Cozytouch app via Wi-Fi

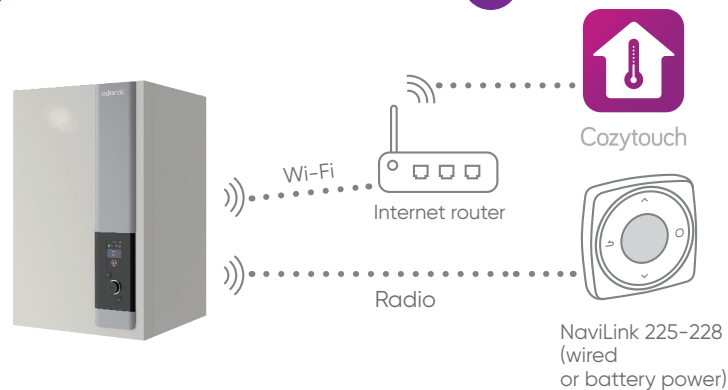
Connecting your devices to Cozytouch couldn't be easier!

1



Get a connected device

2

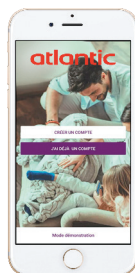


3



Download the free Cozytouch app on your smartphone or tablet.

4



Create your account on the Cozytouch app.

5



Add your device to your Cozytouch⁽¹⁾ account via the Wi-Fi network by following the instructions on the app depending on the installation.

(1) Maximum 20 devices per bridge, up to 10 regions per bridge and 5 devices per region.

Alfea monobloc

Range of 3 air-to-water heat pumps

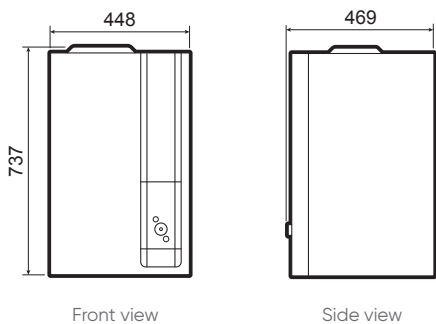
TECHNICAL SPECIFICATIONS AND PERFORMANCE

DESCRIPTION	UNIT	COMPACT 5	COMPACT 6	COMPACT 8	COMPACT 11	SMART SYSTEM 5	SMART SYSTEM 6	SMART SYSTEM 8	SMART SYSTEM 11	SMART SYSTEM DUO 5	SMART SYSTEM DUO 6	SMART SYSTEM DUO 8	SMART SYSTEM DUO 11
Refrigerant		R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32	R32
SPECIFICATIONS AND HEATING PERFORMANCE													
Energy class - heating (35°C / 55°C)	-	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++	A+++ / A++
Seasonal energy efficiency - heating (35°C / 55°C) with outdoor sensor	%	186/127	181/135	197/141	197/143	186/127	191/135	197/141	197/143	186/127	191/135	197/141	197/143
SCOP (Seasonal Coefficient of Performance) 35°C / 55°C		4.66 / 3.21	4.81 / 3.39	4.95 / 3.54	4.96 / 3.61	4.66 / 3.21	4.81 / 3.39	4.95 / 3.54	4.96 / 3.61	4.66 / 3.21	4.81 / 3.39	4.95 / 3.54	4.96 / 3.61
Acoustic rating (indoors/outdoors)	dB(A)	40 / 52	40 / 52	40 / 56	40 / 57	40 / 52	40 / 52	40 / 56	40 / 57	40 / 52	40 / 52	40 / 56	40 / 57
GENERAL SPECIFICATIONS													
Maximum start temperature	°C	60	60	60	60	60	60	60	60	60	60	60	60
Heating capacity +7°C / +35°C maximum	kW	4	5	8	10	4	5	8	10	4	5	8	10
COP (Coefficient of Performance) +7°C / +35°C nominal		5.03	4.99	5.08	4.70	5.03	4.99	5.08	4.70	5.03	4.99	5.08	4.70
Heating capacity -7°C / +35°C maximum	kW	4.10	5.10	8.18	9.53	4.10	5.10	8.18	9.53	4.10	5.10	8.18	9.53
COP -7°C / +35°C nominal		2.93	2.92	3.03	2.95	2.93	2.92	3.03	2.95	2.93	2.92	3.03	2.95
Heating capacity -7°C / +55°C	kW	3.7	4.80	7.50	8.50	3.7	4.80	7.50	8.50	3.7	4.80	7.50	8.50
COP -7°C / +55°C		1.77	1.91	2.07	2.07	1.77	1.91	2.07	2.07	1.77	1.91	2.07	2.07
Auxiliary electrical unit power	kW	3	3	3	3	3	3	3	3	3	3	3	3
OUTDOOR UNIT													
Sound rating ⁽¹⁾	dB(A)	30	30	34	35	30	30	34	35	30	30	34	35
Weight	kg	85	85	110	110	85	85	110	110	85	85	110	110
Refrigerant factory load	kg	0.88	0.88	1.47	1.47	0.88	0.88	1.47	1.47	0.88	0.88	1.47	1.47
Quantity in tonnes of CO ₂ equivalent	t	0.59	0.59	0.99	0.99	0.59	0.59	0.99	0.99	0.59	0.59	0.99	0.99
HYDRAULIC CONNECTIONS													
Outdoor / Indoor unit input and output diameters	"in."	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
Recommended maximum length	m	30	30	30	30	30	30	30	30	30	30	30	30
ELECTRICAL CONNECTIONS													
Power supply	V / curve A / mm ²	230 / C 16 / 3G2.5	230 / C 16 / 3G2.5	230 / C 25 / 3G4	230 / C 25 / 3G4	230 / C 16 / 3G2.5	230 / C 16 / 3G2.5	230 / C 25 / 3G4	230 / C 25 / 3G4	230 / C 16 / 3G2.5	230 / C 16 / 3G2.5	230 / C 25 / 3G4	230 / C 25 / 3G4
INDOOR UNIT													
Unfilled weight/filled weight	kg	TBC	TBC	TBC	TBC	34/50	34/50	34/50	34/50	130/340	130/340	130/340	130/340
HYDRAULIC SPECIFICATIONS													
DHW (Domestic Hot Water) ErP class		/	/	/	/	/	/	/	/	A	A	A	A
Expansion tank capacity	L					12	12	12	12	12	12	12	12
DHW tank capacity	L	/	/	/	/	/	/	/	/	190	190	190	190
DHW electrical back-up	kW	/	/	/	/	/	/	/	/	1.2	1.2	1.2	1.2
DHW tank materials		/	/	/	/	/	/	/	/	enamelled steel with AlCl anti-corrosion protection			
Heating and DHW flow diameters	"in."	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
Buffer tank capacity	L					16	16	16	16	16	16	16	16
Recommended operating range min. / max. - hot mode	°C	-20 / 35	-20 / 35	-20 / 35	-20 / 35	-20 / 35	-20 / 35	-20 / 35	-20 / 35	-20 / 35	-20 / 35	-20 / 35	-20 / 35
ELECTRICAL CONNECTIONS													
Outdoor unit interconnection cable - Indoor unit	mm ²	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5	4G1.5
Auxiliary heating	V / curve A / mm ²	230 / C 16 / 3G1.5	230 / C 16 / 3G1.5	230 / C 16 / 3G1.5	230 / C 16 / 3G1.5	230 / C 16 / 3G1.5	230 / C 16 / 3G1.5	230 / C 16 / 3G1.5	230 / C 16 / 3G1.5	230 / C 16 / 3G1.5	230 / C 16 / 3G1.5	230 / C 16 / 3G1.5	230 / C 16 / 3G1.5
Auxiliary DHW	V / curve A / mm ²	/	/	/	/	/	/	/	/	230 / C 16 / 3G1.5	230 / C 16 / 3G1.5	230 / C 16 / 3G1.5	230 / C 16 / 3G1.5

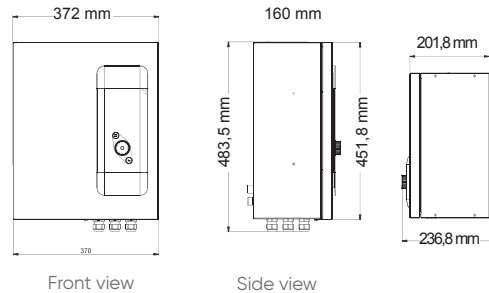
(1) 5m, Q=2

DIMENSIONS - SMART SYSTEM & COMPACT MODELS (MM)

Indoor unit - Smart system model

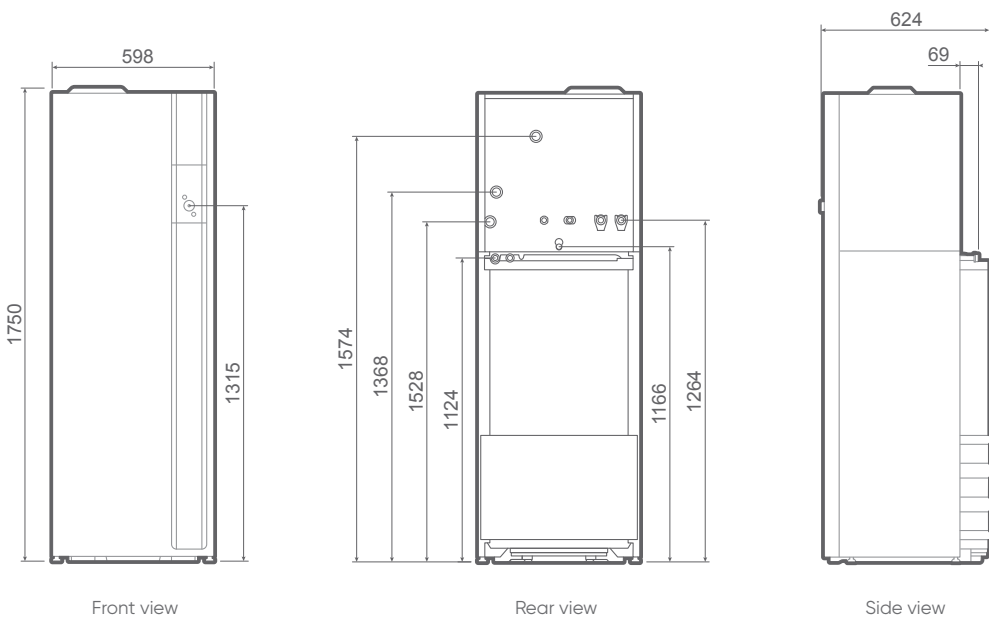


Indoor unit - Compact model



DIMENSIONS - SMART SYSTEM DUO (MM)

Indoor unit



DIMENSIONS - OUTDOOR UNIT (MM)

Outdoor units

