INTERGAS®
HEATING SOLUTIONS

XCEED

AIR SOURCE HEAT PUMP

The Smarter Way To Heat Your Home

R290
NATURAL REFRIGERANT

5 YEAR WARRANTY

INTERGAS®
HEATING SOLUTIONS

DISCOVER THE POWER OF CLEAN AND EFFICIENT HEATING

At Intergas, we're redefining how homes are heated. With the cutting-edge Xceed air source heat pumps and Xylinders, you're investing in energy-efficient, eco-friendly heating solutions designed for comfort, cost savings, and a sustainable future.

Why Choose the Xceed Monobloc Air Source Heat Pump?

The Xceed monobloc air source heat pump really is the leader in home heating. Using renewable energy, it offers unparalleled efficiency while minimising your environmental impact.

Key Features:

- **Impressive Efficiency:** Rated up to A+++ for heating at 35°C and A++ at 55°C. Delivers up to 300% more efficiency than standard gas boilers.
- **Eco-Friendly Innovation:** Operates with R290 refrigerant with minimal Global Warming Potential (GWP of 3) and an Ozone Depleting Potential (ODP) of 0.
- **Cost Savings:** Reduce your energy bills and your carbon footprint.
- **Quiet Operation:** Designed for peace and comfort with a sound power level as low as 58dB(A)—about as quiet as your fridge freezer.
- **High Functionality:** Performs effectively even at extreme temperatures of -25°C and provides outlet water temperatures of up to 75°C for heating.
- **Ease of Installation:** No F-gas certification required for installation, saving contractors time and effort.

R290
NATURAL REFRIGERANT

SCAN ME
with your phone to view our products

BUILD YOUR EFFICIENT HOME TODAY

Take the first step towards a more sustainable and cost-effective home heating system with Intergas.

Whether you're an energy-conscious homeowner looking to reduce bills or a professional seeking reliable, easy-to-install solutions, the Xceed heat pump and Xylinders are your ultimate companions.

For more information, contact us today or visit us at intergasheating.co.uk.

Together, we can create a cleaner, greener future—we are putting all our energy into saving yours.

INTERGAS®
HEATING SOLUTIONS

The Smarter Way
To Heat Your Home

XCEED INSTALLATION

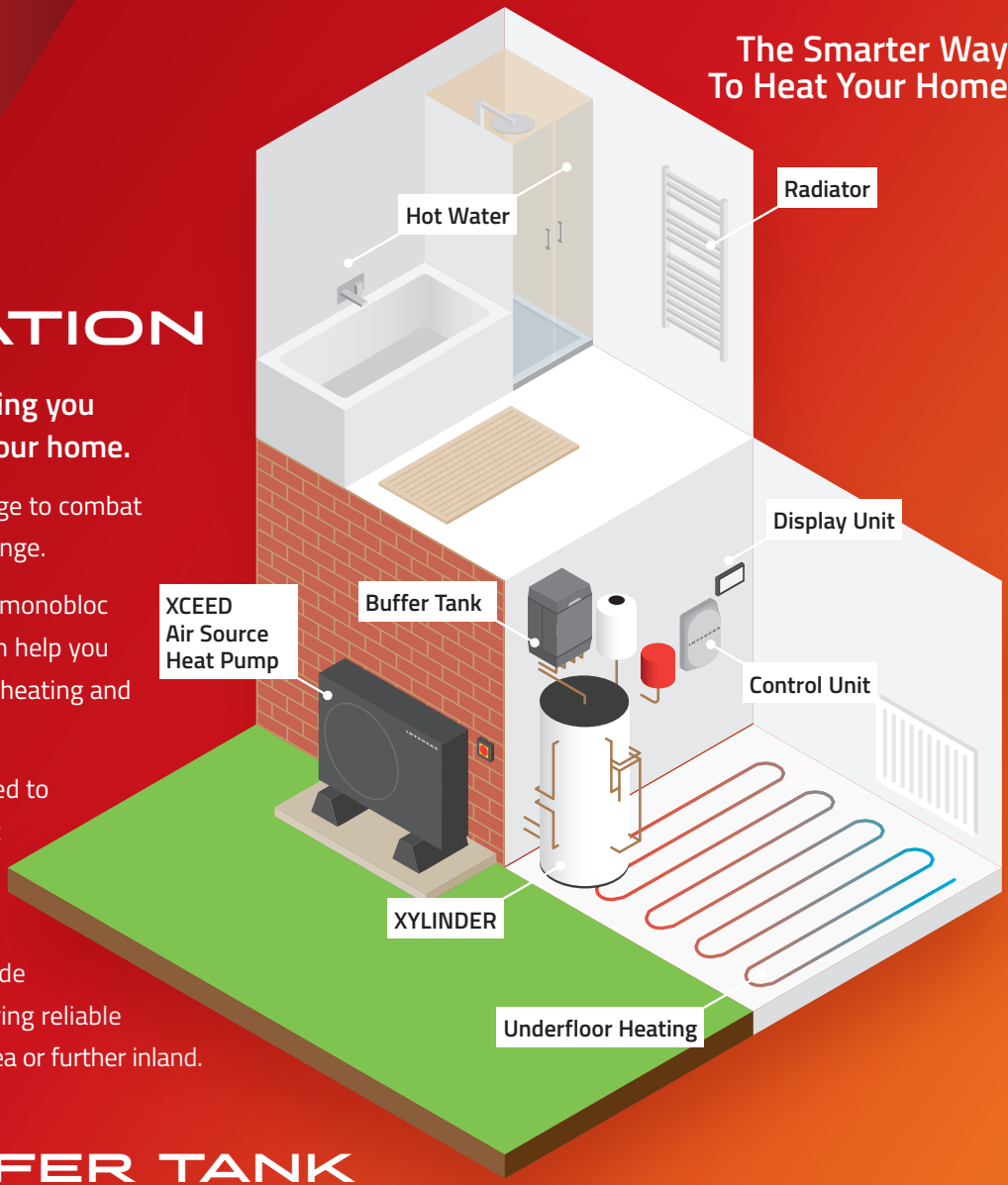
Here's an easy diagram showing you how the Xceed is fitted into your home.

How we heat our homes must change to combat the effects of manmade climate change.

With Xceed, our new, ultra-efficient monobloc air source heat pump (ASHP), we can help you cut out carbon emissions from your heating and cooling systems for good.

As with all monoblocs, you don't need to be F-gas certified to install this heat pump as the refrigerants are in a closed circuit within the heat pump.

Every unit comes with a coastal-grade protective coating as standard, offering reliable protection whether you're near the sea or further inland.



BUFFER TANK

Designed for seamless integration with diverse heat sources, especially renewables, our buffer stores are a game-changer for installers and a winning solution for homeowners.

Premium 444 stainless steel construction guarantees superior corrosion resistance and long-lasting performance – minimising call-backs and maximising customer satisfaction.

SCAN ME
with your phone to view our products

HOT WATER SOLUTIONS WITH XYLINDERS

25 YEAR WARRANTY

Our Xylinders are meticulously engineered to pair seamlessly with the Xceed heat pump or work independently to deliver energy-efficient hot water. Crafted from the highest quality materials, Xylinders provide superior performance and durability.

Key Features:

- **Durable Build:** Made from industry-leading grade 444 stainless steel for unmatched resistance to corrosion, limescale, and stress.
- **Enhanced Heat Transfer:** Smooth internal coils ensure superior heat transfer and rapid cylinder recovery, making hot water available quickly.
- **Energy-Efficient Design:** The titanium immersion heater is built to last and is strategically positioned between the coil, ensuring it only heats the water you need—reducing energy consumption and saving you money.
- **Easy Installation:** Lightweight unit and all connections on a 30-degree plane for effortless setup.
- **Flexible Capacities:** Available in 150 to 300 litres to suit homes of all sizes.

Long-Lasting Assurance:
Our Xylinders are built to last, backed by a 25-year warranty for the cylinder and a 2-year parts and labour warranty for peace of mind.

Pre-Plumbed Options:
Manufactured in the UK to meet bespoke requirements, our pre-plumbed models come fully pressure-tested and ready for installation.

5 YEAR WARRANTY

INNOVATION ROOTED IN PIONEERING HISTORY

At Intergas, our mission is simple—to build better products for a better future. Since 1939, we've been engineering solutions that push the boundaries of sustainability and efficiency.

From revolutionary high-efficiency condensing boilers in the '80s to today's state-of-the-art heat pumps and cylinders, we continue to lead the charge in creating home heating solutions that reduce emissions, lower costs, and protect the planet.

Our innovations, like the revolutionary bithermic heat exchanger, have been shaping industry standards for decades. And when we joined the Rheem family in 2019, our commitment to cutting-edge research and development only grew stronger. It's this dedication to excellence that makes our products reliable, efficient, and a smart investment for your home.

SCAN ME
with your phone to view our products

The Benefits of Choosing Intergas Heating Solutions

- Energy Savings: Reduce energy bills without sacrificing comfort.
- Environmental Impact: Cut carbon emissions and contribute to a greener future.
- Quiet Comfort: Experience heating and cooling that's powerful yet quiet.
- Built to Last: Constructed with high-quality materials for unmatched reliability.
- Innovation You Can Trust: Backed by decades of pioneering research and expertise.

Rheem®

Member of the Rheem® family

SPECIFICATIONS / OUTDOOR UNIT

Technical data		AE AWKPM06SUK Xceed 6	AE AWHPM08SUK Xceed 8	AE AWKPM12SUK Xceed 12	AE AWKPM18SUK Xceed 18
Heating performance (min-max)	kW	2.92 - 9.10	4.10 - 12.10	4.3-15.20	7.24 -21.90
Modulating power	-	Inverter			
Heating performance data in accordance with EN 14511					
Heating performance for A7/W35 (partial load)	kW	6.23	8.25	12.05	18.01
COP for A7/W35	-	4.77	4.96	4.62	4.40
Heating performance for A2/W35 (partial load) |	kW	5.41	7.17	10.48	15.66
COP for A2/W35	-	3.95	4.14	3.85	3.67
Heating performance for A-7/W35 (partial load)	kW	4.64	6.14	8.98	13.43
COP for A-7/W35	-	3.08	3.20	2.98	2.84
Hydraulic data					
Outdoor unit supply/return		1	1	1	11/4
Max. water operating pressure	bar	3.0			
Nominal flow rate (in accor. with EN 14511, at At 5 K)	m^3/h	1.0	1.40	2.06	3.10
Maximum water flow rate	m^3/h	1.08	2.10	2.10	3.10
Limits of application					
Minimum heat source	°C	-25			
Maximum heat source	°C	35			
Minimum heating return	°C	20			
Maximum heating return	°C	75			
Defrost system	-	Reversing cycle, defrosting at A2 taken into account in test bench measurements			
Electrical data					
Heat pump power supply	V/Ph/Hz	230/1~/50			
Maximum power consumption	kW	3.5	5.4	5.4	7.5
Maximum current consumption	A	15	25	25	35
Protection class (EN 60529)	-	IPX4|			
Refrigerant circuit					
Refrigerant type	-	R290			
GWP refrigerant	-	3	3	3	3
Refrigerant fill quantity	kg	0.55	1.05	1.05	1.40
CO2-equivalent	t	0.00165	0.00315	0.00315	0.0042
Type of refrigerant circuit & Compressor type	-	Hermetically sealed - 1x rotary piston compressor			
Max. operating pressure	MPa	3.2			
General Specifications					
Maximum air flow	m^3/h	3500	4500	6500	8500
Acoustic power level (EN12102)	dB(A)	60	67	67	70
Dimensions (Height x Width x Depth)	mm	808x1187x418	913x1287x438	913x1287x438	1456x1187x488
Weight	kg	110	134	134	195

Intergas Heating Ltd
Unit 2, Easter Park
Worcester Road
Kidderminster
DY11 7AR
01527 888000
info@intergas-heating.co.uk

INTERGASHEATING.CO.UK

Member of the Rheem® family