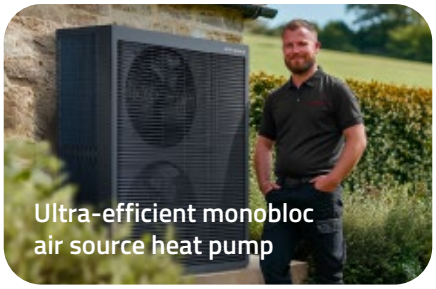
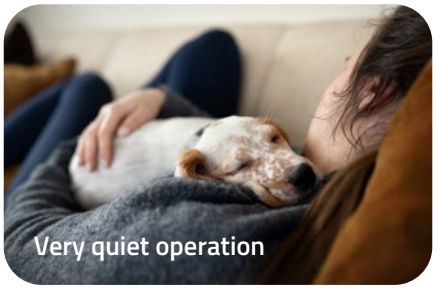
INTERGAS®
HEATING SOLUTIONS

XCEED





The smarter way to heat 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.

THE FEATURES

- Rated up to A+++ for heating at 35°C and A++ at 55°C. Delivers up to 300% more efficiency than standard gas boilers.
- Operates with R290 refrigerant with minimal Global Warming Potential (GWP of 3) and an Ozone Depleting Potential (ODP) of 0.
- Designed for peace and comfort with a sound power level as low as 58dB(A)—about as quiet as your fridge freezer.
- Performs effectively even at extreme temperatures of -25°C and provides outlet water temperatures of up to 75°C for heating.

5 YEAR WARRANTY

*Terms and conditions apply.

Heating performance (min-max)	kW	2.92 - 9.10	4.10 - 12.10	4.3-15.20	7.24 -21.90
Heating performance (min-max)		Inverter	Inverter	Inverter	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	10.47	15.66
COP for A2/W35		3.98	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 connections	"	1"	1"	1"	11/4"
Max. water operating pressure	bar	3.0	3.0	3.0	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	-25	-25	-25
Maximum heat source	°C	35	35	35	35
Minimum heating return	°C	20	20	20	20
Maximum heating return	°C	75	75	75	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	230/1~/50	230/1~/50	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|	IPX4|	IPX4|	IPX4|

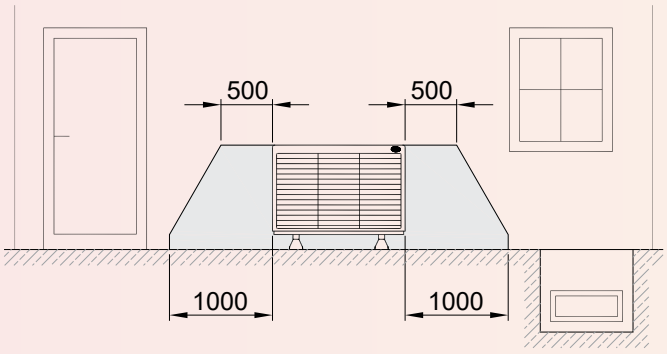
Refrigerant circuit

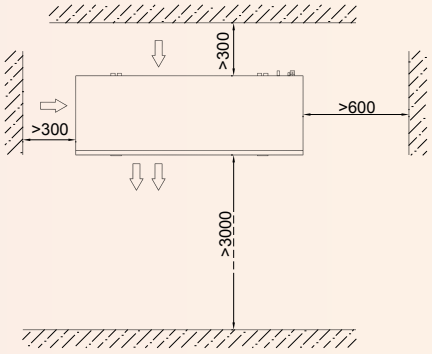
Refrigerant type		R290	R290	R290	R290
GWP refrigerant		3	3	3	3
Refrigerant fill quantity	kg	0.55	1.05	1.05	1.40
CO2-equivalent	t	0.00165	0.00315	0.00315	0.0042
Type of refrigerant circuit & Compressor type		Hermetically sealed - 1x rotary piston compressor			
Max. operating pressure	MPa	3.2	3.2	3.2	3.2

General Specifications

Maximum air flow	m^3/h	3500	4500	6500	8500
Acoustic power level (EN12102 and EN 14511)	dB(A)	53	53	56	62
Dimensions (Height x Width x Depth)	mm	808x1187x418	913x1287x438	913x1287x438	1456x1187x488
Weight	kg	110	134	134	195

CLEARANCES & DIMENSIONS





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