

COMBI COMPACT HRE

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HRE

INTERGAS®

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INTERGAS®

Over 1,800,000 sold,
5,200 boilers produced
every week



Dutch market leader

Intergas is a longstanding leading Dutch manufacturer of high-efficiency condensing combination boilers and tankless water heaters.

Intergas has been at the forefront of boiler manufacture in the Netherlands for almost 50 years. In 1989 we launched our first condensing combination boiler and now we lead the market in the development of innovative boiler technology. Our ground-breaking

and patented two-in-one heat exchanger has made us the first choice with many households throughout the UK. With over 1,800,000 boilers installed in more than 20 countries and 5,200 boilers produced every week, Intergas is the reliable and environmentally





The compact combi boiler for everyone

Intergas Verwarming has been the leading manufacturer of high-efficiency combi boilers for many years now. We know how to implement innovative technologies and produce high-quality appliances. This brochure provides all the details on the Intergas Combi Compact HRE A boilers, the new generation of HE combi boilers for today and tomorrow.

HRE



The combi boiler
that combines
absolutely
everything!

Our Combi Compact HRE A heralds the start of a new generation of HE boilers. It combines absolutely everything. The appliance's modern, compact design includes state-of-the-art technology dubbed 'Double HE'. Our Combi Compact HRE A combines high-efficiency hot water and heating.

Intergas
Combi
Compact
HRE



Easy to use &
low maintenance



Fully automated? It's up to you!

Our Combi Compact HRE A is fitted as standard with a continuously adjustable control system that automatically adjusts the boiler's power output to the desired heating level. What's more, it is fitted with a self-learning eco-comfort switch, which automatically turns the hot water supply heat retention feature ON and OFF. This is particularly useful if you don't need hot water for a while, e.g. at night or when away for an extended period. Our Combi Compact HRE A is compatible with both ON/OFF and modulating thermostats using the OpenTherm protocol.

Easy to maintain

All our Combi Compact HRE A's parts are easily accessible. Its housing can be removed from the front, so that it can be installed in a kitchen cabinet without any problems whatsoever. It's never been this easy to maintain an HE boiler.

COMBI



Energy-efficient & eco-friendly

Double high efficiency

Our Combi Compact is the only HE boiler that provides not only high-efficiency heating, but unrivalled high hot water efficiency, too. We call this 'Double HE'. The secret lies in our patented two-in-one heat exchanger that ensures minimal heat loss and optimal heat transfer. Both central heating water and cold tap water supplies pass directly through the heat exchanger cooling flue gases and extracting heat of condensation to the fullest extent possible. Our Combi Compact HRE A boiler assures you unrivalled high efficiency and economical operation year in, year out.

Accountable in every way

Thanks to the low energy use of the Intergas Combi Compact HRE, you also contribute to reducing environmental impact. An annual tap efficiency rating of no less than 95.8% makes it easier to meet the strict requirements of the EPS (for new buildings) and the EPBD (for existing buildings). In addition, all Intergas Combi Compact HRE boilers meet the requirements for the highest Dutch Gaskeur gas classification (HR107) for heating systems and have been awarded a 'Cleaner Combustion' gas label for hot water systems (HRww).



The Intergas Combi Compact HRE A is equipped with an A-label pump

The use of an A-label pump, which circulates the heated water through the heating system, further increases the energy efficiency. This benefit is achieved every time heating is enjoyed and contributes significantly to reducing environmental impact.





Reliable technology & dependable operation

The heat exchanger is the heart of every HE boiler, which is why Intergas has invested so heavily in this particular component. And the result of so many years of investment? A significant technical edge! More than 15 years of a tried-and-tested technology.

The double two-in-one heat exchanger in the Intergas Combi Compact HE boiler has more than proven its reliability in recent years. Intergas underscores this reliability with a fifteen-year warranty on this crucial part. Separate copper circuits for central heating and hot water make the Intergas Combi Compact the only HE boiler without a three-way valve, thereby eliminating a common source of malfunction.

TECHNICAL





Total control over your boiler. Anytime. Anyplace. Anywhere.

Our Intergas Comfort Touch system is an intuitive, modulating room thermostat. It's easy to raise or lower the temperature, thanks to its tactile touchscreen display. And its sleek and subtle design, which comes in both black and white and is only 13mm deep, will complement almost any interior design. Comfort Touch communicates with our boilers using Open Therm technology. This means that reaching the desired room temperature is faster and more cost effective.



COMFORT TOUCH

The thermostat displays the current room temperature. Just tap plus(+) or minus(-) to adjust it. If you'd rather not display the temperature, simply alter its settings to display the heating 'ON/OFF' and 'Stand by Mode' icons only.

Turn your smartphone into a smart thermostat

You can turn your smartphone or tablet into a smart thermostat. By downloading our free app you can control your central heating, via Intouch, wherever you are. Comfort Touch is only compatible with our Eco RF, Xtreme and Xclusive boiler models, as they come fitted with an RF module as standard, and this enables you to access your Comfort Touch room thermostat remotely.

COMFORT TOUCH



The right HRE boiler for every situation

An HRE A boiler should fully meet the heating requirements and size of your home and family. Obviously, it should also fulfil your hot water needs. Even the smallest model, the HRE 24/18, can easily cope with an average home's heating requirement and provides more than enough hot water for normal usage.

Want to know which HRE boiler is the best choice for your home and preferences? See the 'advice' section of our website at www.intergasverwarming.nl and do the Intergas advice test.



Technical specifications

INTERGAS COMBI COMPACT

HRE 24/18A

HRE 28/24A

HRE 36/30A

HRE 36/48A

Heating

Energy efficiency rating		A	A	A	A
Nom. upper value (Hs)	kW	5.6 - 18.7	7.1 - 23.7	7.6 - 27	7.8 - 42.5
Nom. lower value (Hi)	kW	6.1 - 18.2	7.7 - 23.1	8.2 - 26.6	8.6 - 47.1

Hot water

Load profile		L	XL	XL	XL
Energy efficiency rating		A	A	A	A
Nom. upper value (Hs)	kW	6.2 - 27.0	7.9 - 33.1	8.0 - 36.3	8.0 - 36.3
Nom. lower value (Hi)	kW	5.6 - 24.3	7.1 - 29.9	7.2 - 32.7	7.2 - 32.7
Min. flow rate	L/min	2	2	2	2
DHW flow ΔT , 25 °C	L/min	12	15	18	18
DHW flow ΔT , 35 °C	L/min	8.5	10.5	13	13

Installation dimensions & weight

Height	mm	590	650	710	710
Width	mm	450	450	450	450
Depth	mm	240	240	240	240
Weight	kg	30	33	36	36

Technical specifications subject to change

Intergas Verwarming BV has been awarded the following certifications:

