

Grundfos HVAC OEM Division

With an annual production of around ten million circulator pumps and hydraulic systems, Grundfos is the world's leading manufacturer of circulator pumps.

The Grundfos HVAC OEM division is dedicated to serving boiler manufacturers worldwide. In the last ten years, a strong effort and the most ingenious pump solutions available to the domestic boiler industry have made us the preferred supplier.

The product

- Multipurpose design for the 7 most used boiler applications
- Designed to fit standard and advanced boilers
- Available with energy-optimised pumps
- The result of years of experience and know-how
- Highest performances can be obtained
- Outstanding way to optimise the overall boiler costs

Boiler production

- Simple assembly – mounted in one operation
- Reduced assembly time – frees production capacity

Logistics - one supplier

- Reduced stock handling
- Significant lower distribution costs
- Reduced administration
- Compact design – low stock volume

Quality

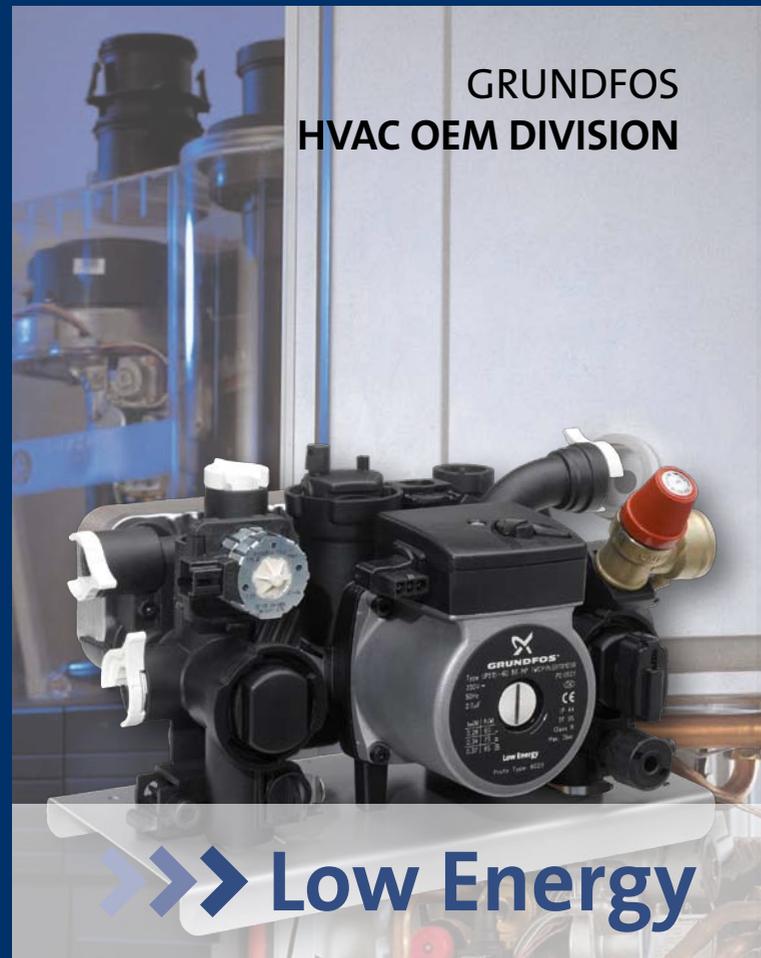
- High robustness, reliability and lifetime

After sales service

- Shorter service time at the end-user
- Extensive spare part programme



GRUNDFOS HVAC OEM DIVISION



MultiPurpose IWC Standardised for maximum flexibility

Small, compact and advanced technology

If you think the Grundfos MultiPurpose IWC looks small, compact, and quite advanced, you are absolutely right. Behind it lies a powerful and advanced piece of equipment that fits most gas boilers on the market.

At Grundfos we aim to make things as simple as possible for our customers. With the MultiPurpose IWC we have made it possible to install a complete system in a matter of minutes. Gone is the jungle of copper pipes and individually tailored installations for every end-user. The Multipurpose IWC fits the seven most used boiler applications.

And once the MultiPurpose IWC is installed, you are not likely to notice it at all. It has gone through numerous extreme tests in our gas and noise laboratories with impressive results. It is both silent and extremely reliable.

Leave the hard work to us

It can be a time-consuming process to design a customised solution for every end-user. Based on our know-how and experience in the field of gas boilers, and the requirements of our customers, we have developed a standard system that is flexible, extremely robust and performs in accordance with market demands.



MultiPurpose IWC

INTEGRATED FUNCTIONS FOR CH

- Central heating circuit
- Circulator pump
- Safety valve
- Automatic air vent
- Pressure and temperature sensor (optional – Grundfos Direct Sensors)
- Diverter valve
- Adjustable bypass
- Filter
- Drain

QUICK ASSEMBLY/RELEASE SYSTEMS

ADDITIONAL CONNECTIONS

- Expansion vessel/manometer
- Connections for variants

DOMESTIC HOT WATER CIRCUIT

- Flow and temperature sensor (Grundfos Direct Sensors)

CENTRAL HEATING & DOMESTIC HOT WATER CIRCUIT

- Plate heat exchanger



1) Combi boiler – standard

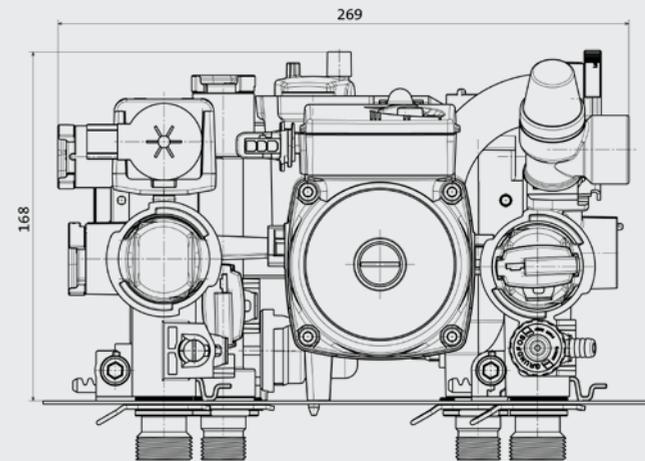
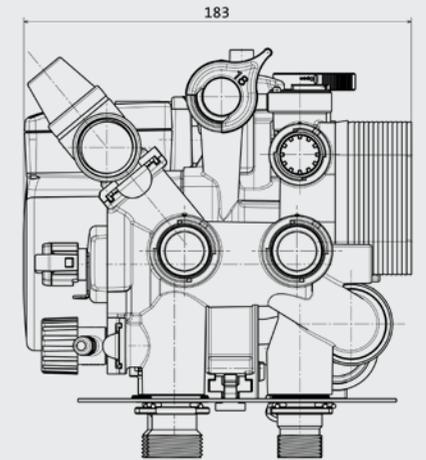
With plate heat exchanger

Dimensions

Height: 168 mm

Width: 269 mm

Depth: 183 mm



2) Combi boiler

Comfort tank CH
With plate heat exchanger and for boiler with comfort tank in CH circuit



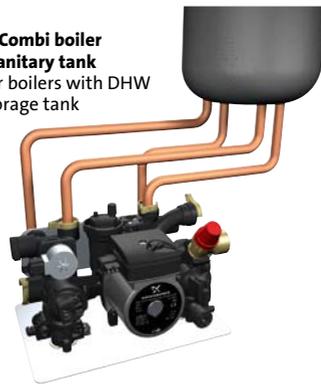
3) Combi boiler

Comfort tank DHW.
With plate heat exchanger and for boiler with comfort tank DHW circuit



4) Combi boiler - sanitary tank

For boilers with DHW storage tank



5) Combi boiler

Compact sanitary tank. With plate heat exchanger and for boiler with DHW storage tank and DHW pump



6) Combi boiler Bithermic



7) System boiler

