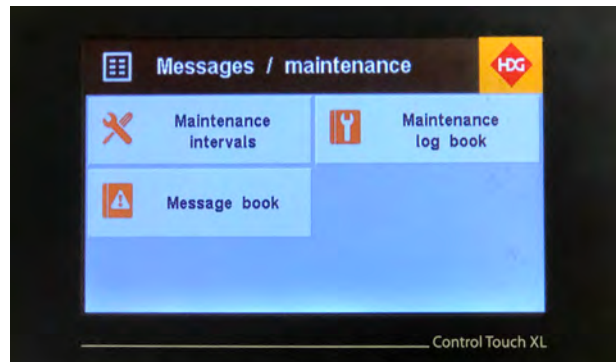


HDG CONTROL

The HDG Control is the intelligent control centre of your entire heating system. The intuitive control has a user-friendly, robust touch display, that can be operated with or without gloves. The structure of the management and the operation are clear and understandable. The settings and demands, such as time control, can be easily adjusted.



DIVERSE FUNCTIONS

The boiler's combustion and output control is carried out using the flue gas temperature sensor and the combustion chamber temperature sensor. In addition, HDG Control also regulates the entire heating system: buffer storage, external heat source, heating circuits, network pumps, domestic water storage, solar system.

NO UNANSWERED QUESTIONS

Should questions arise despite the intuitive operation, all parameters offer a help button to suggest and remind an action. Scroll and searching in the printed documentation is no longer necessary.



NEW! MYHDG ALSO AS APP

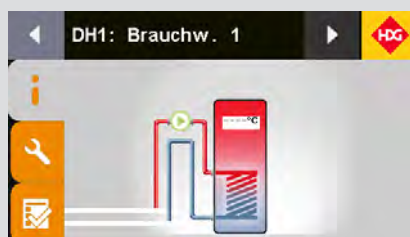
Quick and easy: use all functions from myHDG in our **free app for iOS and Android.**



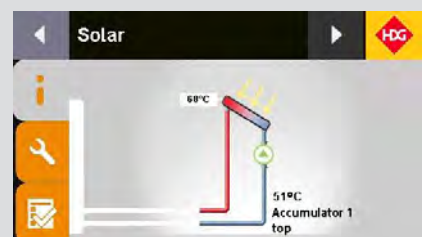
App: myHDG



Clear presentation of the most important System data at a glance



Easily understandable, graphic overview even with complex systems



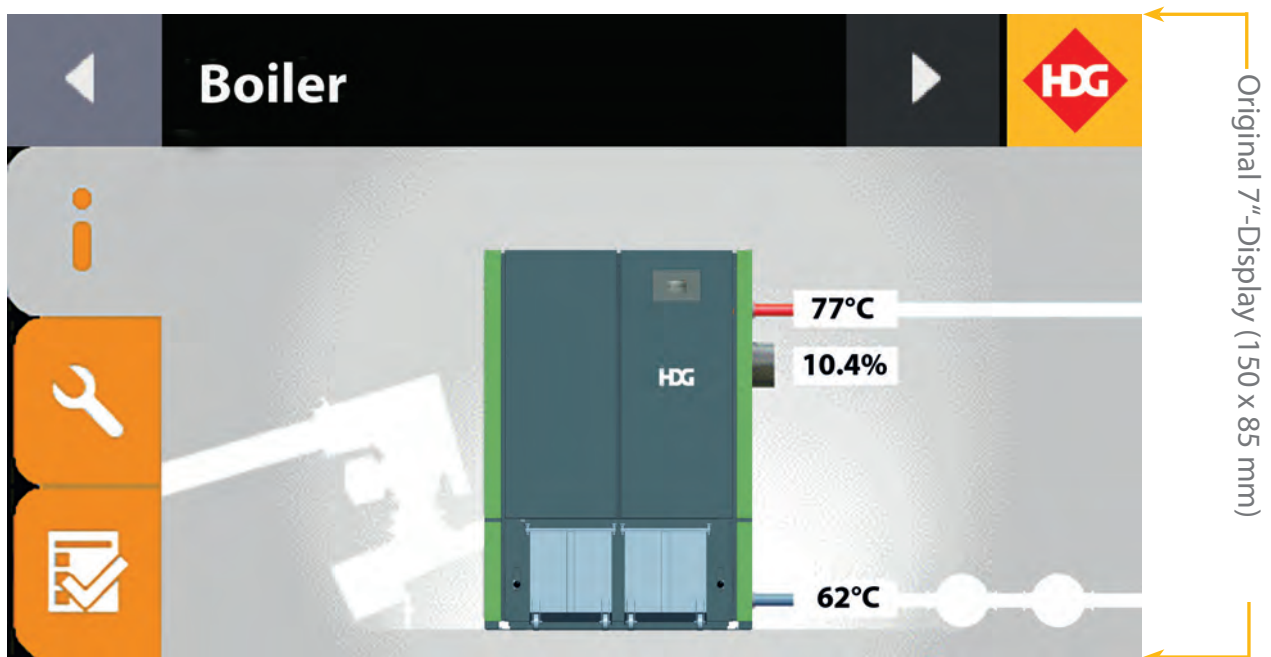
Integration of further heat sources such as solar systems or oil / gas boilers

HDG CONTROL WEB VISUALIZATION - THE LARGE DISPLAY WITH WEB ACCESS

HDG Control is available with web visualization on request.

The integrated web server can also be used while on the move using a smartphone, PC or tablet.

The remote access requires the boiler fitted with the 7" Touch screen.



The BOILER in your pocket

Get the heating system on the screen, with a click of the mouse or a touch of your phone or tablet.

- With myHDG this is quick and easy at any time.
- Fast web access setup thanks to the free MyHDG communication portal.
- The system is entirely under your control thanks to the straightforward, graphic display the same operation as on the HDG boiler.
- Query and change all parameters, such as Operating condition, Temperature, etc. Information messages can be conveniently sent by email.
- With myHDG you can also manage several systems with just one access.
- Open to Smart Home thanks to the ModBus interface for building management or higher-level of regulation.
- Maximum data protection: Data remains on your system. The transmission takes place securely via HTTPS.



HDG CONTROL

HDG hydraulic systems - individual planning for your system

HDG helps design the right system for your requirements. For installation, a hydraulic scheme diagram with a suitable electrical plan is created.

For commissioning, the number of the scheme is sufficient to configure the controller appropriately. The following illustration shows the necessary equipment for a touch control unit. Extensions are possible at any time.

BUFFER STORAGE

- Individual systems with and without buffer storage
- Regulation of up to two Buffer storage systems
- Fast installation HDG module Layered storage



HEATING CIRCUITS

- Regulation of up to six Heating circuits
- Outside temperature controlled with different operating modes and individual weekly programs (normal, day, night, party, vacation, off)
- Different room control devices/room sensors depending on heating requests



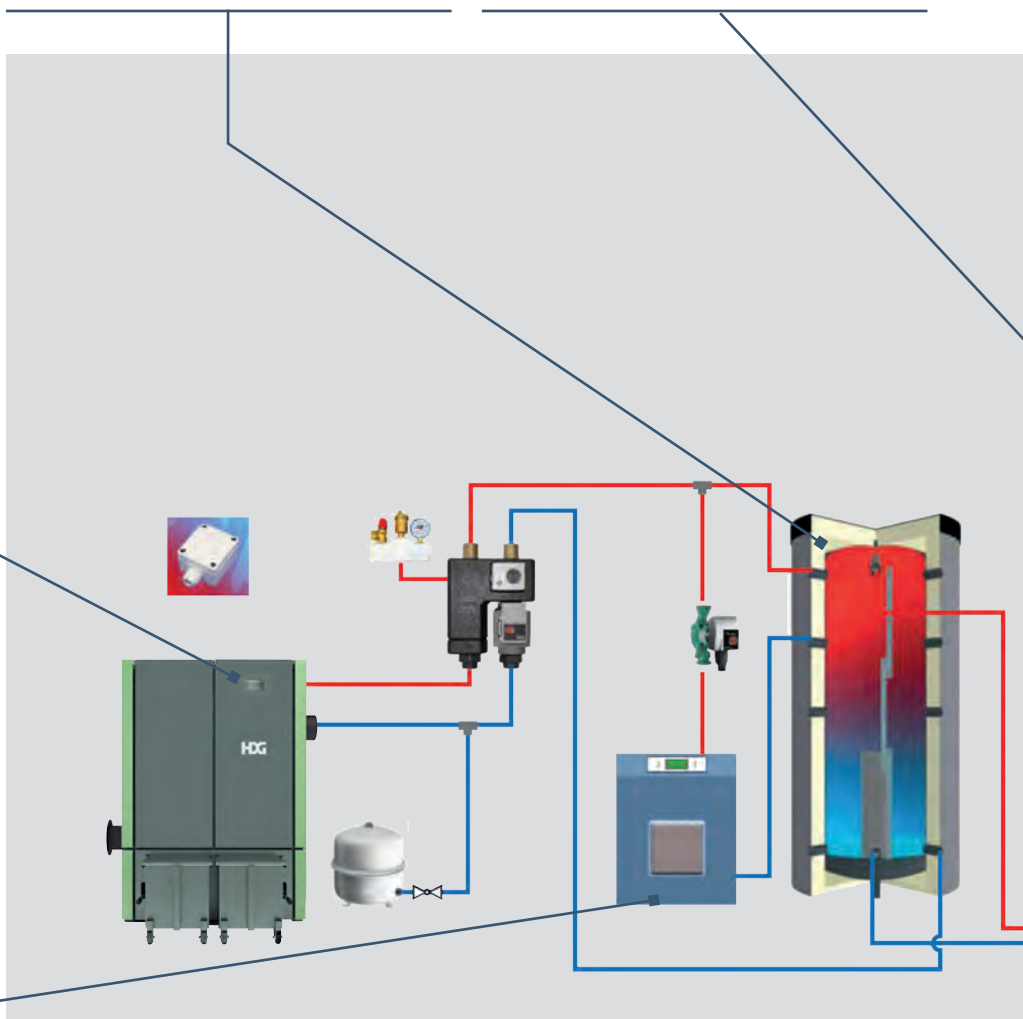
EFFICIENT COMBUSTION CONTROL

- The HDG Control controls the entire combustion of the boiler
- Determination of the optimal air volume via the combustion chamber temperature sensor and lambda probe - control via combustion air fan, primary and secondary air servomotors
- As a result, optimum efficiency and the best possible fuel economy.



EXTERNAL HEAT SOURCE

- Control of an external heating source (e.g. oil / gas boiler or electric immersion heater)
- A heat source can be used on the buffer storage tank in base or peak load function or directly to the consumers as an emergency load boiler
- Individual weekly programs for setting start times



NETWORK PUMP

- Control of up to two network pumps for local heating networks
- Only active when heat is from Consumer is requested
- Up to twelve different control variants are possible



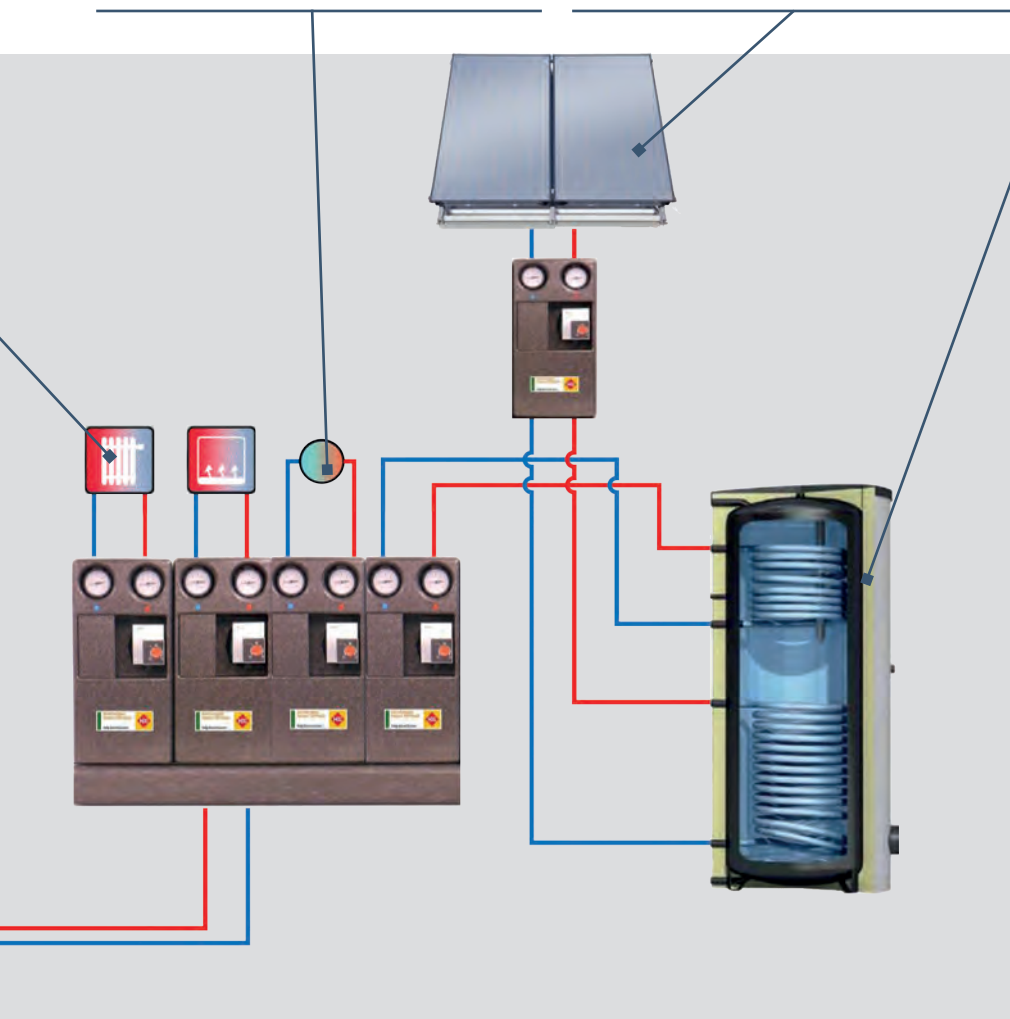
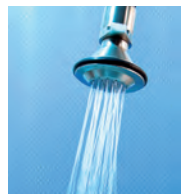
THERMAL SOLAR SYSTEM

- Control of a solar thermal system with a maximum of three zones
- Flexible with up to 20 variants on domestic water storage and / or buffer storage (heating sub-supportive) possible
- High efficiency through speed regulation of the solar pump via PWM signal



WATER PREPARATION

- Control of up to two external hot water storage tanks
- Flexible with individual weekly programs
- Safe due to legionnaire protection and priority for service water
- Alternatively, domestic hot water production can also directly integrated into the buffer or externally via freshwater station.



HDG HYDRAULIC FINDER

HDG revolutionizes hydraulic planning!

With the HDG hydraulic finder, specialist companies can carry out the complete hydraulic planning, including the terminal plan within seconds - at any time and completely free of charge.

The HDG hydraulic finder can be found on the HDG website and is already effective today on over 3,000 installations. Unique on the market, HDG is revolutionizing hydraulic planning with this innovation.

