

ECOHEAT Oil

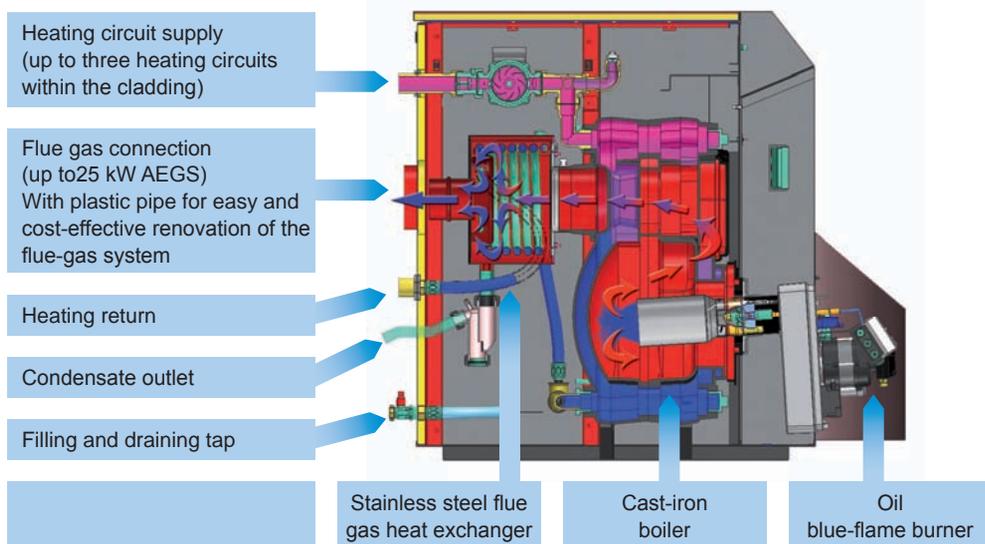
Oil-fired condensing boiler (15–40 kW)

Top quality at a glance

- Highly efficient oil-fired condensing boiler with five different capacities, with low-emission blue-flame burner (BNR) and ECODENS high-performance flue gas heat exchanger made of corrosion-resistant stainless steel
- Standard efficiency up to 103.9 % = maximum heating cost savings
- High operating safety and long service life through the use of only proven quality components, e.g. the cast iron unit boiler made of GG 20 with a five-year guarantee
- Extremely quiet through its fully encapsulated cladding
- Individual adjustment with the module system for hydraulic and control components
- Time and cost savings with fully preassembled, turnkey device



Practice-proven technology in the smallest spaces



Intercal Heat Technology – simply good.

ECOHEAT Oil: Saving energy can be this easy.

ECOHEAT Oil "Basis"

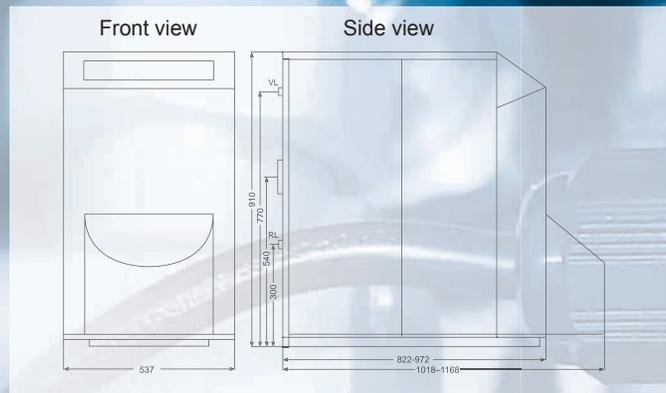
Basic boiler, warm pre-set blue flame burner, basic control panel
 - prepared for the controls of the THETA series (optional), neutralization unit, 1x supply and 1x return connection for external pump group (optional integration of storage load set)

ECOHEAT Oil "Medium"

like the "Basis" model with additionally: **integrated and pre-assembled hydraulic group for a direct heating circuit** with 3-stage pump, **oil two-pipe filter with automatic exhaust** for easy assembly to back of boiler, **5-way part for collective return**, digital controls **THETA 2 B** for the control of a direct circuit and a process water circuit (optional integration of storage load set)

ECOHEAT Oil "Premium"

like the "Medium" model with additionally: **integrated and pre-assembled hydraulic group for a mixing circuit** with 3 stage pump, **1x mixer, 1x actuator** and digital controls **THETA 23 B** for the activation of a mixed and direct circuit as well as a process water circuit (optional integration of storage load set)



Technical data

ECOHEAT Oil	MODEL	15	20	25	30	40
Product ID		CE 0032 BQ KD 1880			CE 0035 BS 103	
Nominal thermal output	kW	15	20	25	30	40
Nominal heat input	kW	15	20	25	30	40
Flue gas temperature (60 °C return temperature)	°C	60	63	66	69	68
Flue mass flow	kg/h	24.1	31.8	39.5	47.7	63.2
Flue gas resistance	mbar	0.12	0.18	0.35	0.40*	0.50*
Maximum discharge pressure	mbar	0.65	0.62	0.45	0.60*	0.45*
Flue gas connection	mm	Ø 125/80			Ø 80	
Standard efficiency (max.)	%	103.9				
CO ₂	%	13				
Boiler weight	kg	max. 155			175	185

Technical changes reserved. * Use flue gas-basis-set DN 100 (item no.: 20.135.2216)

Customized variety



AEGS connection piece with flue-gas temperature limiter (optional), optimal energy usage with highest efficiency through non-room-sealed operation.



The modular system with freely definable, integrated hydraulic and control components is customized to meet the specific needs of the operator.

The product's versatile flexibility also allows for easy integration of the ECOHEAT Oil into the existing heating system.



The ECOHEAT oil-fired condensing boiler ("Basis" variant) can be equipped with all controls of the THETA series. Therefore even more complex control requirements (e.g. solar heating, buffer storage, etc.) can be realized.

Your heating specialist would be happy to assist you:



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