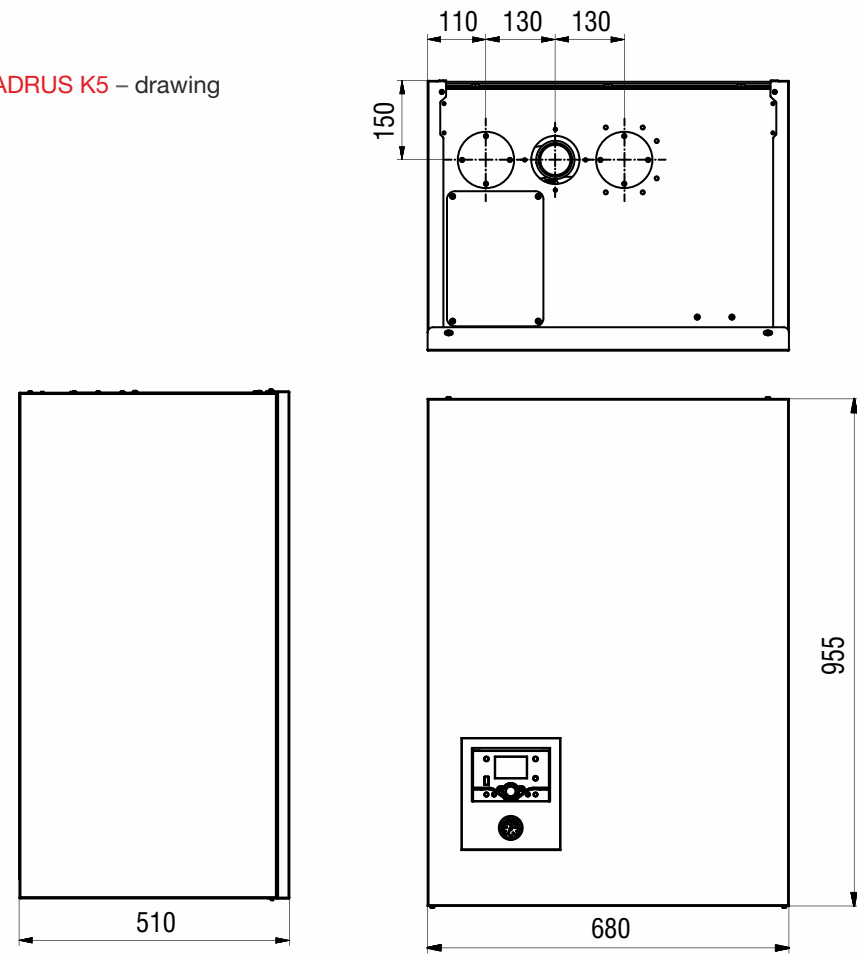


VIADRUS K5

VIADRUS K5 – drawing



A



Your seller



WALL-HUNG GAS CONDENSING BOILER | SILUMIN EXCHANGER

VIADRUS

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Errors and omissions excepted.

VIADRUS

Heating your home
since 1888

VIADRUS K5

Wall-hung gas condensing boiler with built-in DHW heating storage tank

VIADRUS K5 is a modern wall mounted condensing boiler for heating and DHW preparation in the built-in 60-liter tank. The boiler is equipped by silumin exchanger and electronics control LMS by Siemens. This sophisticated control unit enables collaboration with alternative heat sources such as biomass boiler or the solar system and the simple connection of several boilers in cascade. The boiler supports intelligent house system Siemens Synco living.

Output range:
4–20 kW



LMS[®]
A Siemens Business



Advantages:

- efficiency up to 108 %
- built-in DHW tank with heating up to 14 minutes
- continuous modulation range
- automatic faults detection
- independent time programs settings for heating and DHW
- equithermal regulation via optional equithermal sensor
- additional modules for management of other heating circuits
- compatible with intelligent house Siemens Synco living
- ecodesign
- simple cascade connection
- output for solar system pump connection
- backup biomass boiler pump control
- can control up to 3 low-energy PWM circulation pump
- anti-frost protection

Technical specifications

Variations		K5
Fuel type	•	Natural gas (optionally propane)
Category of appliance	•	I _{2H}
Boiler design	•	C ₁₃ , C ₃₃ , C ₄₃ , C ₅₃ , C ₆₃ , C ₈₃ , C ₉₃
Class No _x	•	5
Rated output range 50 / 30 °C	kW	4–20
Nominal / minimal output (50 / 30 °C)	kW	P=20 / P=4
Nominal / minimal output (80 / 60 °C)	kW	P=18.8 / P=4
Efficiency for temperature gradient 50 / 30 °C	%	až 108.2
Efficiency for temperature gradient 80 / 60 °C	%	až 97.2
Nominal heat input lowest / highest	kW	Q=3.7 / Q=19.3
Maximum water overpressure test / working	bar	6.0 / 2.5
Flue gas temperature	°C	30–85
Boiler dimensions (width × height × depth)	mm	680 × 950 × 505
Weight with empty tank	kg	85
Combustion air connection and flue gas socket	mm	Ø 80
DHW heating tank volume	l	60
Performance of heating coil	kW	23.5
Volume flow rate of fuel	m ³ /h	0.426–2.532
Mass flow rate of flue gas	kg/h	5.2–39.2
Water volume	l	9
Expansion tank volume	l	10
DHW preparation for ΔT=40°C	l/min	7
Heating water setting range	°C	30–80
Hot water setting range	°C	8–65
Connecting overpressure of fuel	mbar	20
Noise level	dB	< 55
Heating water output	•	G ¾"
Heating water input to the heater	•	G ¾"
Terminal for safety valve	•	G ¾"
Condensate drain	mm	Ø 16
Gas inlet	•	G ¾"
Connecting voltage	•	1/N/PE 230VAC 50 Hz, TN-S
Electric power input including pump	W	110
IP rating	•	IP 41

*Standard production is a natural gas version. Propan version is a subject of special order.