



## **TANTUM – straightforward quality**

Wall-mounted gas condensing boiler | rated heat output: 4.0 - 24.7 kW

# TANTUM – straightforward quality

The new TANTUM gas-condensing device meets all the requirements of modern gas-condensation technology and excels with its high value for money. HANSA has also equipped it with a reliable, high-quality stainless steel heat exchanger and high-quality components. The device boasts a very user-friendly design with a sleek, straightforward construction with any extra frills.

## Focus on the essentials

The new, compact HANSA TANTUM gas condensing device perfectly accommodates most customer needs in terms of heat and hot water output. Whether for an apartment or your own home, a new home or renovation project, the space-saving dimensions mean that the device can be set up even in the smallest of spaces.

TANTUM excels when it comes to quality and value for money. The heat exchanger is made of high-quality stainless steel, the components are from reputable manufacturers and it is manufactured in Germany! As a result, HANSA guarantees a long-service life and stability as well as solid technology at a revolutionary price!

## Sleek and service-friendly

The device is readily accessible from the front, all parts are clearly arranged and easy to reach. The connections are easy to find and can be plugged together, which prevents installations errors. The control unit features straightforward design and is easy to operate.

The sophisticated gas/air ratio, the devices are factory preset, which facilitates commissioning and monitoring results. The expansion vessel (10 l) is already integrated. This ensures that it can be quickly and easily mounted and serviced; costs of maintenance are also reduced.

## Efficient and down-to-earth

The device is very smooth running thanks to the sound-proofed housing and operation at the lowest output.

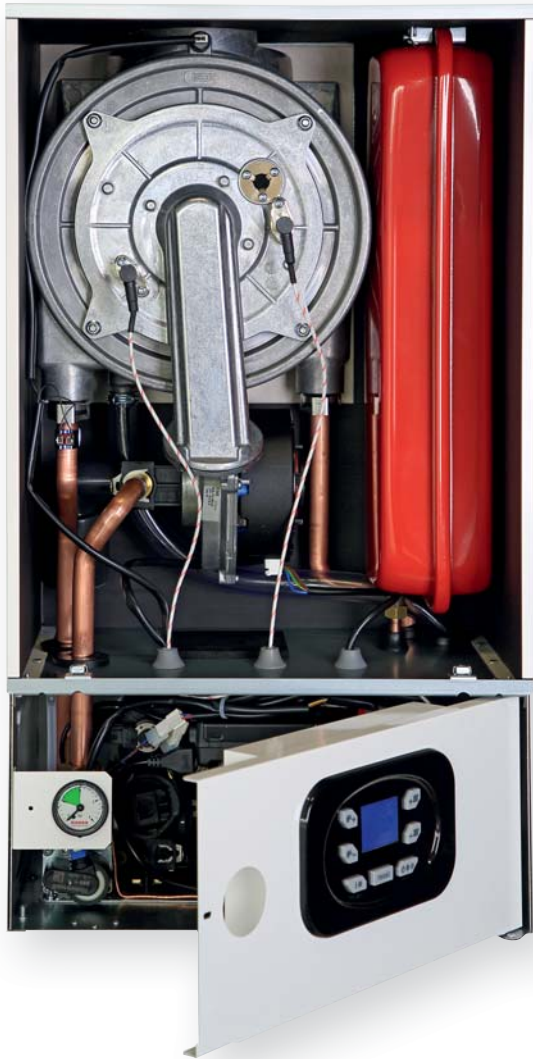
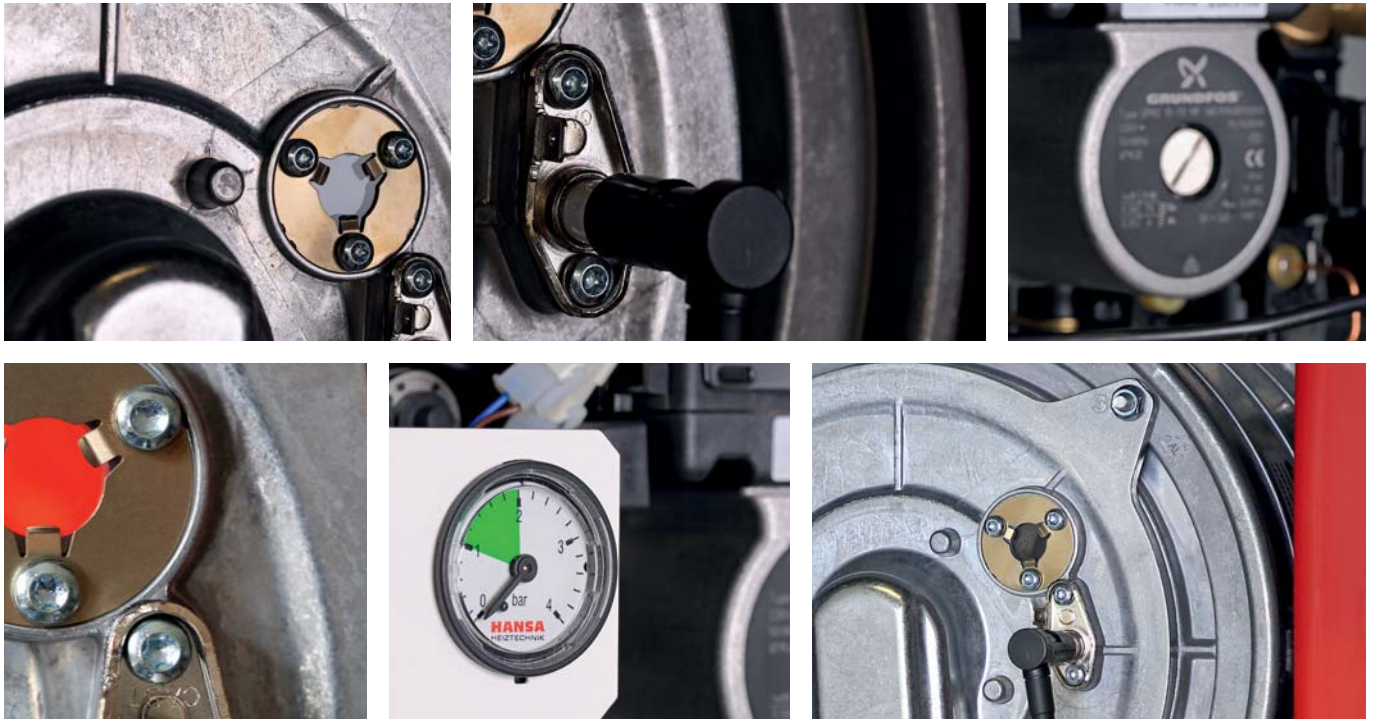
The use of modern gas condensing technology saves heating costs with low-pollution combustion and, depending on the how the system is configured, efficiency of 108 % can be achieved.

## Wide range of possibilities

With an output range of up to 24.7 kW and its unbeatable value for money, TANTUM can be used almost anywhere.

- » Apartments, rental properties or your own home – whether you dealing with a renovation project or new home
- » HANSA TUW hot water tanks holding 120 or 160 ltr. can be used as storage solutions.
- » Control equipment available for multiple heating circuits and floor heating
- » Can be combined with solar heating





### Advantages at a glance

- » Output range of 4.0 - 24.7 kW
- » Modulation range 1:6
- » High-quality stainless steel heat exchanger
- » Includes a weather-compensated control and expansion vessel
- » Compact dimensions
- » Quiet operation with sound-proofed housing
- » User-friendly mounting and service
- » Equipped with high-quality components – Made in Germany



- » All components are clearly arranged and readily accessible from the front. Easy operation of the control unit (display).

## Technical data

Model	Tantum 25 heating device	Tantum 25 combi device
Gas device category DE	II <sub>ZELL3P</sub>	II <sub>ZELL3P</sub>
Boiler heat output range in kW, 50/30 °C	4.3 - 23.7	4.3 - 23.7
Boiler heat output range in kW, 80/60 °C	3.8 - 21.1	3.8 - 21.1
Boiler heat output range in kW	4.0 - 22.5	4.0 - 22.5
Efficiency rated output 80/60 °C in %	97.02	97.02
Efficiency 0.3 x rated output, 30 °C in %	108.7	108.7
NOx - class	5	5
Room heating energy efficiency class	A	A
XL hot water energy efficiency class	-	A
Incoming air flue gas connection (diameter) in mm	80 / 125	80 / 125
Type of flue gas discharge	B23, B23P, B33, C13x, C33x, C43x, C53x, C63x, C93x	
Dimensions (height / width / depth) in mm	750 / 400 / 325	750 / 400 / 325
Boiler weight in kg	45	45
Heating flow/return connection (male thread)	G ¾", flat sealing	G ¾", flat sealing
Cold and hot water connection (male thread)	-	G ½"
Flow/return tank (male thread)	G ½"	-
Gas connection (male thread)	R ¾", conical	R ¾", conical
Condensate drain	¾"	¾"
max. operating pressure in bar	3	3
max. drinking water pressure in bar	-	10
max. permissible drinking water hardness in mol/m <sup>3</sup>	-	2.7*
max. drinking water rated output kW	-	4.0 - 24.7
Hot drinking water continuous output (Δt=35K in l/min)	-	10.1
Flue gas mass flow rate (max.) in g/s	11.2	12.3
Pressure flue gas side in Pa	150	150
Normal flue gas temperature in °C	75	75
Electrical connection (VAC / Hz)	230 / 50	230 / 50
max. electrical power consumption in W	90	90

\* corresponds to 15°dH or 27°FH or 19°e

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