

## Technical data

Model	TANTUM 15 Boiler	TANTUM 25 Boiler	TANTUM 25 Combination appliance	TANTUM Compact 100	TANTUM 35 Boiler
Installation	wall-hung	wall-hung	wall-hung	floor-standing	wall-hung
Gas appliance category, DE	II <sub>ZELL3P</sub>	II <sub>ZELL3P</sub>	II <sub>ZELL3P</sub>	II <sub>ZELL3P</sub>	II <sub>ZELL3P</sub>
Product ID number	CE-0085 CS0068	CE-0085 CS0068	CE-0085 CS0068	CE-0085 CS0068	CE-0085 CS0068
Boiler heat output range in kW, 50/30° C	3.4 - 16.4	4.3 - 23.7	4.3 - 23.7	4.3 - 23.7	6.3 - 35.1
Boiler heat output range in kW, 80/60 °C	3.0 - 14.9	3.8 - 21.1	3.8 - 21.1	3.8 - 21.1	5.6 - 32.8
Boiler heat input range in kW	3.2 - 15.9	4.0 - 22.5	4.0 - 24.5	4.0 - 22.5	5.9 - 33.7
Boiler heat input range in kW (liquid gas)	4.0 - 15.9	4.9 - 22.5	4.9 - 24.5	4.9 - 22.5	6.8 - 34.0
Rated output efficiency 80/60 °C in %	98.2	97.02	97.02	97.02	97.3
Efficiency 0.3 x rated output, 30 °C in %	109.1	108.7	108.7	108.7	108.8
NO <sub>x</sub> class	6	6	6	6	6
Energy efficiency rating, space heating	A	A	A	A	A
Energy efficiency rating, hot water, XL	----	----	A	A	----
Supply air-flue gas connection (diameter) in mm	80/125	80/125	80 / 125	80/125	80/125
Heating appliance	B23, B23P, B33, C13x, C33x, C43x, C53x, C63x, C93x				
Dimensions (height / width / depth) in mm	750*** / 400 / 325	750*** / 400 / 325	750*** / 400 / 325	1595 / 595 / 635	750*** / 400 / 325
Boiler weight in kg	45	45	45	134	45
Heater flow/return connection (external thread)	G3/4", flat seat	G3/4", flat seat	G ¾", flat seat	G ¾", flat seat	G ¾", flat seat
Hot and cold water connection (external thread)	----	----	G ½", flat seat	G ¾", flat seat	----
Tank flow/return (external thread)	G ½"	G ½"	-	----	G ½"
Gas connection (external thread)	G ¾", flat seat	G ¾", flat seat	G ¾", flat seat	G ¾", flat seat	G ¾", flat seat
Condensate outlet diameter in mm	25	25	25	25	25
max. operating pressure in bar	3	3	3	3	3
min. operating pressure in bar	0.5	0.5	0.5	0.5	0.5
max. drinking water pressure in bar	----	----	10	6	----
max. all. water hardness in mol/m <sup>3</sup>	----	----	2.7*	----	----
max. water rated output in kW	----	----	4.0 - 24.6	4.0 - 24.6	----
Domestic hot water continuous output (Δt=35K in l/min)	----	----	10.1	6	----
min. tapping rate l/min	----	----	2.5	----	----
Domestic hot water - initial tapping rate in l; 45°C / 55°C / 12 l/min**	----	----	----	168	----
Domestic hot water - initial tapping rate in l; 45°C / 60°C / 12 l/min**	----	----	----	240	----
Output factor N <sub>L</sub>	----	----	----	2	----
Flue gas mass flow (max.) in g/s	9.02	12.77	13.96	12.77	16.23
Draught, flue gas side in Pa	200	200	200	200	200
Flue gas temperature at rated output in °C	69	71	71	71	72
Electrical connection	1, N, PE; ~230V/ 50Hz	1, N, PE; ~230V/ 50Hz	1, N, PE; ~230V/ 50Hz	1, N, PE; ~230V/ 50Hz	1, N, PE; ~230V/ 50Hz
max. electrical power consumption in W	73	74	74	74	75
Sound emission in dB	49	50	50	50	51

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

\*\* Hot water tapping temperature / storage tank charging temperature / tapping rate

\*\*\* Total installation height appliance + siphon + 87° boiler connection (750+250+220 = 1220 mm)