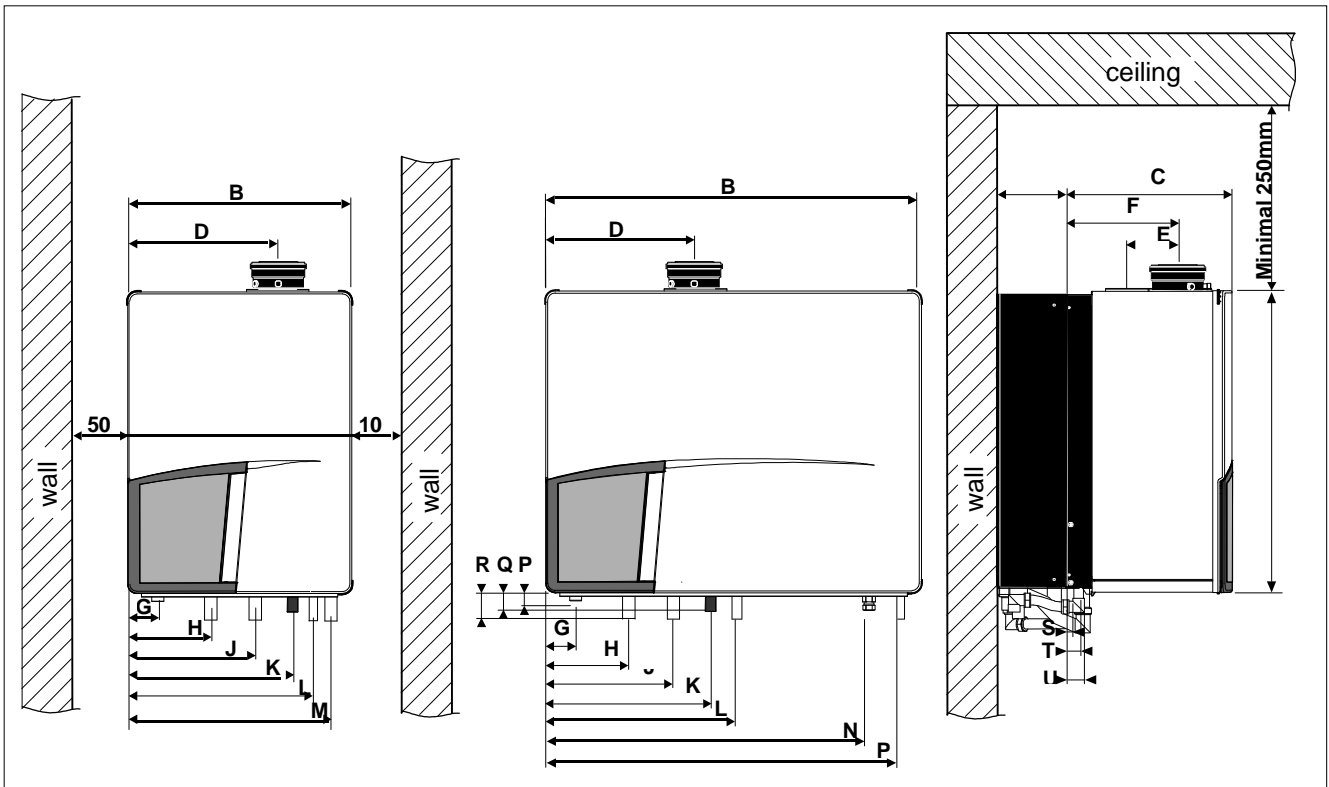


## 5.1 Dimensions



dimensions (in mm)

figure 1

Boiler type	Solo		Combi	
	Q25S Q38S	Q51S Q60S	Q25C Q38C	Q51C
	mm	mm	mm	mm
<b>A Height</b>	680	680	680	680
<b>B Width</b>	500	660	840	1000
<b>C Depth</b>	385	385	385	385
<b>D Left side / flue gas exhaust</b>	335	495	335	495
<b>E Centre to centre / flue gas exhaust and supply</b>	120	120	120	120
<b>F back / flue gas exhaust</b>	270	270	270	270
<b>G Left side / gas pipe</b>	65	65	65	65
<b>H Left side / flow pipe</b>	185	185	185	185
<b>J Left side / return pipe</b>	285	445	285	445
<b>K Left side / condensate pipe</b>	370	530	370	530
<b>L Left side / expansion pipe</b>	430		430	590
<b>M Left side / return pipe DHW</b>	475			
<b>N Left side / cold water pipe</b>			725	885
<b>O Left side / hot water pipe</b>			795	955
<b>P Pipe length of g*</b>	18	18	18	18
<b>Q Pipe length of c*</b>	50	50	50	50
<b>R Pipe length of f, r, e, d, k and w*</b>	60	60	60	60
<b>S Back / Centre of pipe c*</b>	25	25	25	25
<b>T Back / Centre of pipe g*</b>	40	40	40	40
<b>U Back / Centre of pipe f, r, e, d, k and w*</b>	50	50	50	50

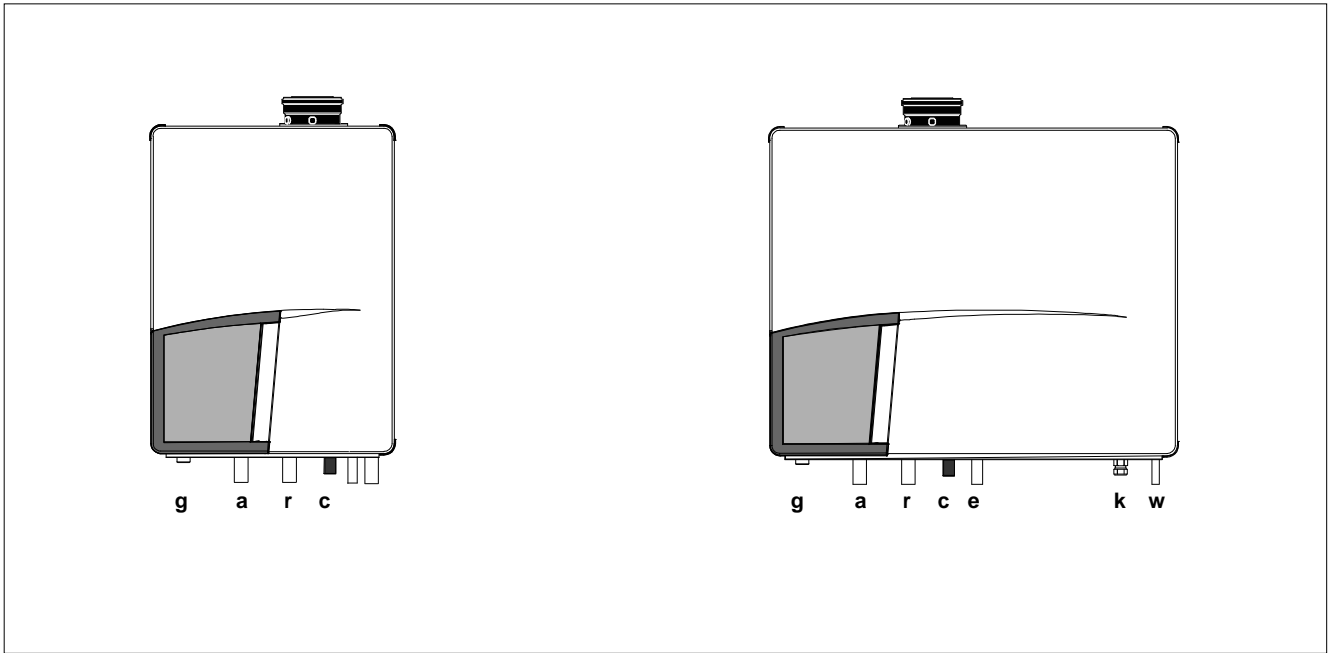
dimensions

talel 1

Q

Installation & Servicing Instructions

8



boiler connections

figure 2

Boiler type	Solo		Combi		
	Q25S Q38S	Q51S Q60S	Q25C Q38C	Q51C	
<b>Combustion air supply / flue gas system</b>	mm	80/125	80/125	80/125	80/125
<b>Gas pipe - g</b>		½" female	¾" female	½" female	¾" female
<b>Flow pipe - f</b>	mm	28	35	28	35
<b>Return pipe - r</b>	mm	28	35	28	35
<b>Condensate pipe - c</b>	mm	24	24	24	24
<b>Expansion pipe - e</b>	mm			22	22
<b>Cold water pipe - k</b>	mm			15	15
<b>Hot water pipe - w</b>	mm			15	15
<b>Return pipe DHW - d</b>	mm	28			

connection diameters

table 2

## 15 Technical specifications

Boiler type		Q-Series						
		Q25C	Combi Q38C	Q51C	Q25S	Q38S	Solo Q51S	Q60S
Input Hs CH	kW	25	38	51	25	38	51	60
Q <sub>n</sub> Input Hi CH	kW	22,5	34,2	45,9	22,5	34,2	45,9	54
Q <sub>nw</sub> Input Hi DHW		31,5						
Efficiency class according BED		5555						
Efficiency according EN677 (36/30°C part load, Hi)	%	109,7	109,1	109,3	109,7	109,1	109,3	109,3
Efficiency according EN677 (80/60°C full load, Hi)	%	97,5	97,4	97,3	97,5	97,4	97,3	97,3
Modulation range CH (capacity 80/60°C)	kW	6.0 - 21.9	6.0 - 33.3	8.8 - 44.7	4.4 - 21.9	6.0 - 33.3	8.8 - 44.7	8.8 - 52.5
Modulation range CH (capacity 50/30°C)	kW	6.8 - 23.9	6.8 - 36.3	9.8 - 48.7	4.9 - 23.9	6.8 - 36.3	9.8 - 48.7	9.8 - 57.3
Nox class EN483		5						
CO <sub>2</sub>	%	9						
Flue gas temp. CH (80/60°C on full load)	°C	68	69	70	68	69	70	70
Flue gas temp. CH (50/30°C on low load)	°C	31						
Gas consumption G20 CH (DHW) (at 1013 mbar/15°C)	m <sup>3</sup> /h	2,38 (3,33)	3,62	4,86	2,38	3,62	4,86	5,71
Electr. power consumption max.	W	106	165	150	106	165	150	168
Electr. power consumption stand by	W	10						
Current	V/Hz	230/50						
Fuse rating	A	5						
Degree of protection acc. EN 60529		IPX0D						
Weight (empty)	kg	79	79	89	50	53	64	64
Width	mm	840	840	1000	500	500	660	660
Height	mm	680						
Depth	mm	385						
Water content CH	l	5	5	7	3,5	5	7	7
Water content DHW	l	14	14	14				
After run time pump CH	min	5						
After run time pump DHW	min	1	1	1				
P <sub>MS</sub> Water pressure min./max.	bar	1/3						
P <sub>MW</sub> Water pressure DHW max.	bar	8						
Flow temperature max.	°C	85						
Pump type	UPER	20-60	20-70	20-70	20-60	20-70	20-70	20-70
Available pump height CH	kPa	29	20		32	22		
Label		Sedbuk A rate						
DHW flow (at 38°C)	l/min	13,4	16,6	23,2				
DHW flow (at 60°C)	l/min	7,5	9,3	13				
DHW temperature (T <sub>in</sub> =10°C)	°C	60	60	60				
CE product identification number(PIN)		0063BQ3021						

Technical specifications

Table 7

Q