



# Multiflue SCE/SCT

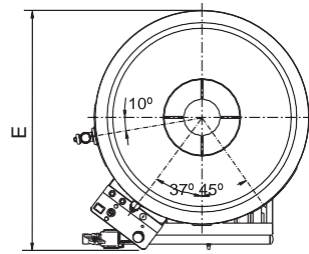
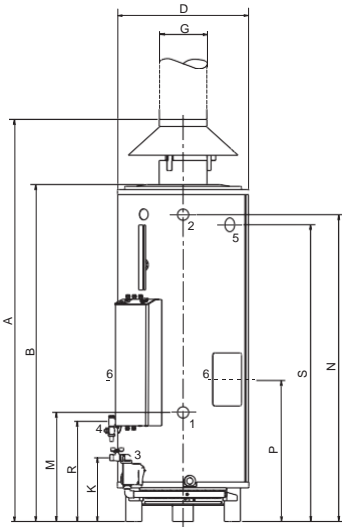
## Commercial Sandblaster® range

**Sandblaster® commercial direct fired water heaters offer a broad range of high output products for large volume applications. All models feature the new and improved Hydro Cannon self-cleaning technology that reduces sediment build-up inside the tank. The range includes 15 different models with inputs from 33.9 to 142.4 kW**

- "Hydro Cannon™" self-cleaning device
- Stainless steel burners
- Automatic (SCE) or piezo ignition (SCT)
- Thermal reflux safety flue system (TRS)
- Multiple thermostat system - control, high limit & ECO
- Easy access to control panel
- Electrolytic protection - magnesium anodes
- Dual clean out inspection ports
- Voltage free contact (SCE models)
- Frost protection (SCE models)
- LPG conversion kit (SCE 65-500 purchased separately)
- Suitable for vented (open) or unvented (sealed) systems

#### *Optional accessories*

- Time clock control
- Powered anodes
- Unvented system kit
- External ON / OFF
- Universal draft diverter
- Temperature & pressure relief valve



TECHNICAL DATA									
Model		SCE/SCT 80-115	SCE/SCT 80-140	SCE/SCT 80-180	SCE/SCT 95-199	SCE/SCT 95-260	SCE/SCT 70-360	SCE/SCT 65-400	SCE 65-500
Storage capacity	ltr	309	309	298	357	335	278	253	252
Heat input (u.v.)*	kW	33.9	42.1	53.4	59.9	83.2	102.5	128.4	142.4
Heat output	kW	25.6	31.9	40.4	45.3	62.9	77.6	97.1	109.0
Gas consumption**	m <sup>3</sup> /h	3.2	4.0	5.1	5.7	7.9	9.8	12.2	13.6
Recovery time, ΔT = 44 °C	min.	37	30	23	24	16	11	8	7
Draw off capacity 1st hour, ΔT = 28 °C	ltr	1304	1486	1715	1965	2440	2764	3289	3597
Draw off capacity 1st hour, ΔT = 44 °C	ltr	830	945	1092	1251	1553	1759	2093	2289
Draw off capacity 1st hour, ΔT = 50 °C	ltr	731	832	961	1101	1366	1548	1842	2014
Draw off capacity continu, ΔT = 28 °C	ltr/h	788	978	1241	1392	1933	2387	2983	3308
Draw off capacity continu, ΔT = 44 °C	ltr/h	502	623	790	886	1230	1516	1898	2105
Draw off capacity continu, ΔT = 50 °C	ltr/h	441	548	695	780	1083	1334	1670	1853
Inlet pressure	mbar	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Maximum working pressure	kPa(bar)	800(8)							
Anodes	no.	2	2	2	2	3	3	4	4
Weight empty	kg	198	198	212	224	241	247	273	332
Number of anodes	l	2	2	2	2	2	2		
Power consumption	W	30	30	30	30	30	30	30	30
Electric supplies		230 V - 15% + 10% VAC / 50 Hz +/- 1 Hz							

DIMENSIONS & CONNECTIONS									
A		1910	1910	1890	2155	2155	1950	2145	2145
B		1700	1700	1700	1900	1900	1735	1810	1810
D		710	710	710	710	710	710	710	710
E		800	800	800	800	800	800	800	800
G		130***	130***	150***	180***	180***	200***	250***	250***
K		340	340	340	340	340	340	340	145
M		505	505	505	505	505	515	590	590
N		1545	1545	1545	1750	1750	1580	1655	1655
P		670	670	670	670	670	680	765	795
R		440	440	440	455	455	465	540	535
S		1490	1490	1490	1700	1700	1535	1600	1600
1 Cold water inlet		R 1 ½							
2 Hot water outlet		Rp 1 ½							
3 Gas control		Rp ¾	Rp ¾	Rp ¾	Rp ¾	Rp ¾	Rp ¾	Rp ¾	Rp 1
4 Drain valve		Rp 1 ½							
5 T&P valve		Rp 1-11.5 NPT							
6 Cleaning opening		Ø100							

ENERGY LABELING (ERP)									
Load Profile		XXL	XXL	XXL	XXL	XXL	3XL	3XL	3XL
Energy labeling		C	C	C	C	C	-	-	-
Efficiency	%	50/46	49/48	51/50	40	40	46/45	44/43	46

\* Based on natural gas: G20, gross value  
 \*\* Gas consumption at 15°C and a 1013.25 mbar  
 \*\*\* After installing Flue Reducer  
 All measures are rounded off to 5 mm.