



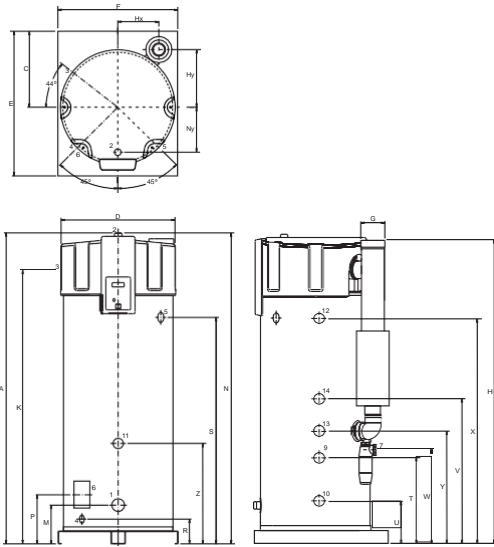
SSC



Condensing gas-solar water heater

The SSC range gas-solar water heaters provides hot water in a very efficient way. This water heater is equipped with an automatic gas/air premix burning system. The integrated intelligent solar controller guarantees maximum solar contribution. Thanks to the integrated heat exchanger, the SSC has a very small footprint.

- Fully room-sealed condensing high efficiency gas-solar water heater with integrated solar heat exchanger
- Max. solar contribution through integrated intelligent solar controller
- Automatic gas/air premix burning system including burner modulation
- Low-maintenance inert anodes
- Efficiency 96% (gross)
- Well below the maximum NOx emission in accordance with the ErP regulations (September 2018)
- Quiet operation <45 dB(A)
- 1 control and display unit for the complete installation
- Programmable for legionella purge cycle
- Very small footprint because of integrated solar heat exchanger
- Temperature setting from 40°C to 80°C with use of week timer



TECHNICAL DETAILS			
Model		SSC 110-175	SSC 110-250
Nominal load (gross)*	kW	44.4	63.3
Nominal output	kW	42.8	60.4
Gas consumption**	m ³ /h	4.2	6.0
Heating time ΔT = 45°C	min	15	11
Recovery time ΔT = 44 °C	min	15	10
Draw off capacity 1st hour ΔT = 28 °C	ltr	2200	3000
Draw off capacity 1st hour ΔT = 44 °C	ltr	890	1300
Draw off capacity 1st hour ΔT = 50 °C	ltr	760	1100
Draw off capacity continu ΔT = 28 °C	ltr/h	1400	1900
Draw off capacity continu ΔT = 44 °C	ltr/h	840	1200
Draw off capacity continu ΔT = 50 °C	ltr/h	740	1100
Capacity	ltr	370	370
Empty weight	kg	245	245
Supply pressure	mbar	20	20
Maximum working pressure	kPa (bar)	800 (8)	
Number of anodes	-	2	2
Power consumption	Watts	60	120
Electric supplies		230 V -15 % + 10 % VAC / 50 Hz +/- 1 Hz	
DIMENSIONS			
A		2055	2055
C		490	490
D		705	705
E		925	925
F		850	850
G		100/150	100/150
H		2020	2020
Hx		260	260
Hy		370	370
K		1960	1960
M		185	185
N		2055	2055
Ny		205	205
P		365	365
R		180	180
S		1555	1555
T		630	630
U		305	305
V		1035	1035
W		765	765
X		1465	1465
Y		855	855
Z		755	755
1	Cold water supply connection (external)	R 1½	R 1½
2	Hot water outlet connection (external)	R 1½	R 1½
3	Gas control connection ((external)	R ¾"	R ¾"
4	Drain valve connection (external)	¾"	¾"
5	T&P valve connection (internal)	1" - 11.5 NPT	1" - 11.5 NPT
6	Cleaning and inspection opening	95 x 70	95 x 70
7	Condensation drainage connection (int.)	Ø40	Ø40
9	Coil entrance connection	Rp 1	Rp 1
10	Coil exit connection	Rp 1	Rp 1
11	Electric element connection	Rp 1½	Rp 1½
12	Plate heat exchanger supply connection	Rp 1	Rp 1
13	Plate heat exchanger outlet connection	Rp 1	Rp 1
14	Recirculation connection	Rp 1	Rp 1
ENERGY LABELING (ERP)			
Load Profil		XXL	XXL
Energy labeling		A	A
Efficiency	%	89	91

Dimensions in mm.

* Based on natural gas: G20, gross value

** Gas consumption at 15°C and a 1013.25 mbar