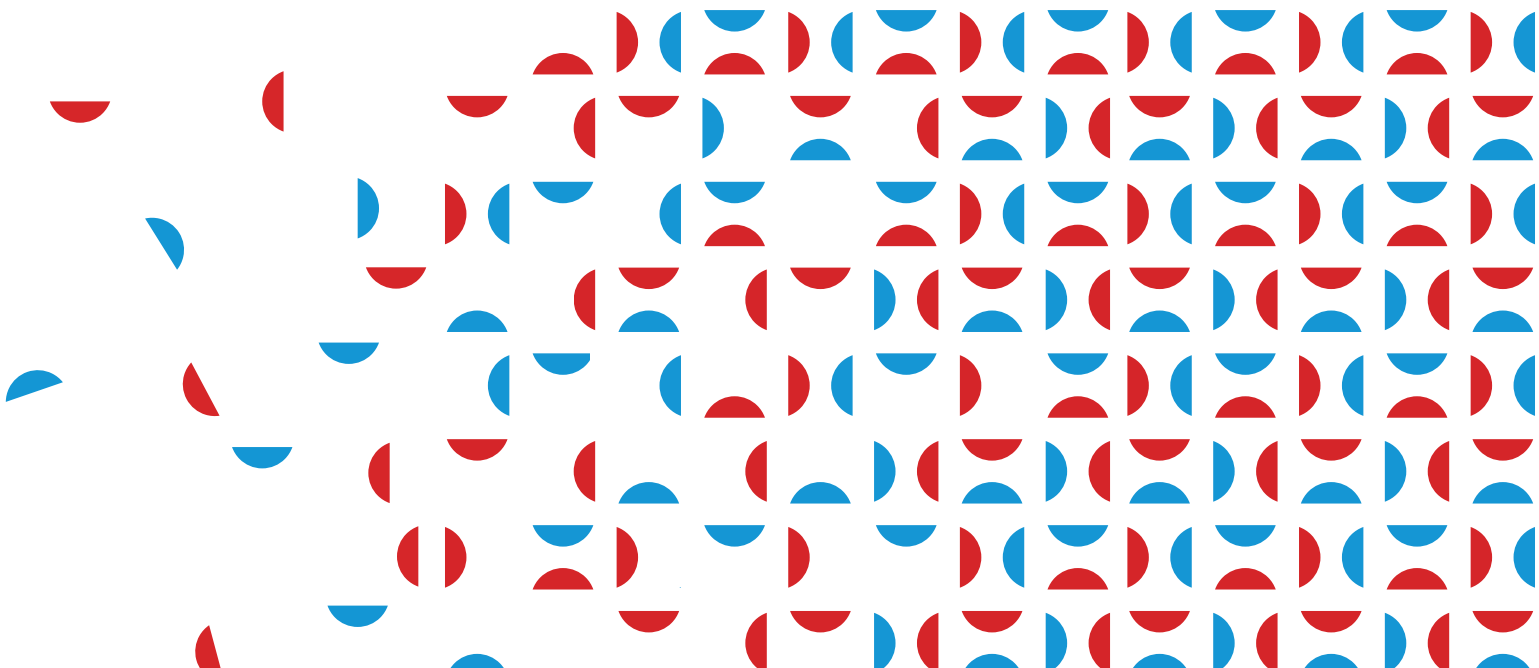


OVERHEATED WATER GENERATORS

OVERHEATED WATER GENERATORS

SMB



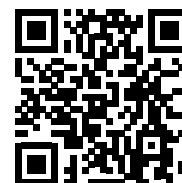
Overheated water generators

SMB 4.9 bar - 158.1°C

SMA 9.8 BAR - 183.2 °C



PRICES
SMB



PRICES
SMA

One-piece, low-pressure overheated water generators with reverse-flame combustion chamber. Monoblock pressurised generators with three smoke passes of which two in the firebox, smooth tube bundles with stainless steel turbulators, for the production of overheated water.

Running on diesel, gas, fuel oil. Complete with all accessories (except burner) ready for operation.

The generator and expansion vessel are already prepared for installation of the 72-hour KIT

Factory tested and verified by Notified Body as a certified assembly according to European Directive 2014/68/EU-PED

By certifying generators up to an output of 1380 kW with a temperature of 120°, they will be exempt from licensed conductor



STANDARD ACCESSORIES (included in delivery)

- ✓ Insulated steel panel shell
- ✓ Stainless steel turbulators
- ✓ Spring-loaded safety valve(s)
- ✓ Exhaust assembly (flow-through valve) + wafer valve
- ✓ Dial gauge with three-way shut-off valve
- ✓ Safety pressure switch with manual reset
- ✓ Two-stage control panel equipped with
 - Main switch complete with indicator light
 - No. 2 control thermostats 50°C / 200°C
 - Safety thermostat with manual reset 0°C / 250°C

- Safety pressure switch
- Dial thermometer 0°C / 200°C

ACCESSORIES ON REQUEST

- ☐ 3rd service thermostat
- ☐ Burner plate drilling
- ☐ Oil, naphtha or gas burner
- ☐ Lever-operated quick-deflush valve
- ☐ Pressure bar 12 max 190.7°C

Codes/Prices

Model	Code	Price	Model	Code	Price
SMB 140	10301950100	by request	SMA 140	10311950100	by request
SMB 210	10301950150		SMA 210	10311950150	
SMB 270	10301950230		SMA 270	10311950230	
SMB 370	10301950320		SMA 370	10311950320	
SMB 470	10301950430		SMA 470	10311950430	
SMB 580	10301950550		SMA 580	10311950550	
SMB 700	10301950650		SMA 700	10311950650	
SMB 930	10301950860		SMA 930	10311950860	
SMB 1160	10301951060		SMA 1160	10311951060	
SMB 1400	10301951200		SMA 1400	10311951200	
SMB 1750	10301951700		SMA 1750	10311951700	
SMB 2000	10301952000		SMA 2000	10311962000	
SMB 2300	10301952300		SMA 2300	10311952300	
SMB 2900	10301952900		SMA 2900	10311952900	

Technical Specifications

Model	Pot. useful	Overall dimensions			Weight empty SMA	Weight empty SMB	Pressure chamber combustion	Total water content	Water-side pressure loss	Connection chimney	Return flow connection	Exhaust
	kW	H mm	P mm	L mm	kg	kg	mbar	dm3	mbar	mm	DN	DN
SMA/SMB 140	140	1235	1555	950	1160	850	2	335	3,7	220	65	25
SMA/SMB 210	210	1225	1975	950	1560	850	2,5	410	8	220	65	25
SMA/SMB 270	268	1225	1975	950	1560	1220	3	410	13	220	65	25
SMA/SMB 370	372	1430	2285	1140	1850	1220	4,2	780	11	250	80	25
SMA/SMB 470	465	1430	2285	1140	1850	1470	4,5	780	17	250	80	25
SMA/SMB 580	582	1510	2355	1210	1970	1650	5	875	12	250	100	25
SMA/SMB 700	700	1530	2555	1230	2550	1820	6	1020	18	250	100	25
SMA/SMB 930	930	1670	2640	1350	2800	1970	6,5	1189	20	350	125	25
SMA/SMB 1160	1163	1670	3140	1350	3500	2230	7	1485	30	350	125	25
SMA/SMB 1400	1396	1770	3100	1460	4200	2530	7	1696	24	400	150	40
SMA/SMB 1750	1745	1940	3360	1640	5140	3150	8	2455	37	450	150	40
SMA/SMB 2000	2035	2020	3400	1740	5800	3470	8,2	2750	30	450	200	40
SMA/SMB 2300	2325	2080	3600	1780	6300	4650	9	3100	40	500	200	40
SMA/SMB 2900	2907	2190	4210	1890	8400	5150	9,5	4200	45	500	200	40

Wenkel S.r.l

Registered and operating office: Via E. Mattei 13/F – 31030 Casier (TV) – P.I. e C.F. 08456530966 – REA: TV-422447

Registered with the Companies' Register of Treviso-Belluno under No. 08456530966 – Share Capital €98.000,00

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Subject to control and coordination by Fiorini Industries S.r.l.

