



SOF



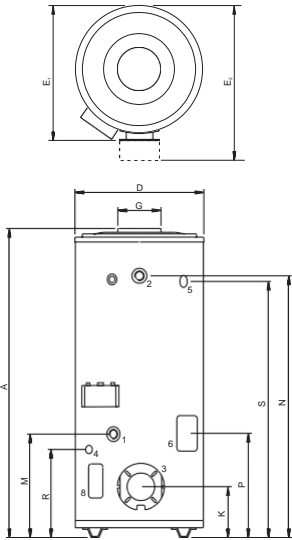
Commercial oil fired + gasfired

SOF oil fired water heater range combines high input and low storage to economically meet large hot water demands. All units are equipped with a precision designed Riello burner, which assures a high rate of combustion efficiency and minimal operating noise levels. The Riello burners are also suitable for 28 and 35-second light fuel oil. The range includes a selection of 6 models with heat inputs up to 201 kW.

- High efficient Riello burner
- Simply & easily accessible controls
- Ceramic fiber combustion chamber
- Independent safety controls
- Flame observation port
- Electrolytic protection - magnesium anodes
- Clean out inspection port
- Suitable for vented (open) or unvented (sealed) systems

Optional accessories

- Unvented system kit
- Temperature & pressure relief valve



TECHNICAL DATA (OIL HBO 1)							
Model		SOF 85-220	SOF 85-260	SOF 85-300	SOF 75-390	SOF 75-470	SOF 70-700
Storage capacity	ltr	322	322	318	282	282	259
Heat input	kW	62.8	75.4	87.9	113.1	138.0	201.0
Oil consumption	kg/h	5.3	6.3	7.4	9.5	11.6	16.9
Recovery time, ΔT = 44 °C	min.	19	16	13	9	7	5
Draw off capacity 1st hour, ΔT = 28 °C	ltr	2183	2492	2790	3334	3946	5445
Draw off capacity 1st hour, ΔT = 44 °C	ltr	1389	1586	1776	2121	2511	3465
Draw off capacity 1st hour, ΔT = 50 °C	ltr	1223	1396	1563	1867	2210	3049
Draw off capacity continu, ΔT = 28 °C	ltr/h	1620	1945	2268	2915	3560	5186
Draw off capacity continu, ΔT = 44 °C	ltr/h	1031	1238	1443	1855	2266	3300
Draw off capacity continu, ΔT = 50 °C	ltr/h	907	1089	1270	1633	1994	2904
Maximum working pressure	kPa(bar)	800(8)					
Anodes	no.	2	2	2	3	3	4
Weight empty	kg	230	230	240	265	265	305
TECHNICAL DATA (NATURAL GAS G20)							
Model		SOF 85-220	SOF 85-260	SOF 85-300	SOF 75-390	SOF 75-470	SOF 70-700
Storage capacity	ltr	322	322	318	282	282	259
Heat input	kW	60	75	90	115	135	175
Gas consumption	m ³ /h	6.3	7.9	9.5	12.2	14.3	18.5
Power consumption	W	180	180	385	385	385	390
Electric supplies		230 V - 15% + 10% VAC / 50 Hz +/- 1 Hz					
DIMENSIONS & CONNECTIONS							
A		1900	1900	1900	1900	1900	1900
D		705	705	705	705	705	705
E1		725	725	725	725	725	725
G		150*	200	200	200	200	250*
K		295	295	295	295	295	330
M		685	685	685	640	640	765
N		1700	1700	1720	1650	1650	1770
P		620	620	620	620	620	755
R		540	540	585	605	605	670
1	Hot water outlet	Rp 1½	Rp 1½	Rp 1½	Rp 1½	Rp 1½	Rp 1½
2	Cold water inlet	Rp 1½	Rp 1½	Rp 1½	Rp 1½	Rp 1½	Rp 1½
4	Drain valve	¾ - 14 NPT	¾ - 14 NPT	¾ - 14 NPT	¾ - 14 NPT	¾ - 14 NPT	¾ - 14 NPT
5	T&P valve	1 - 11.5 NPT	1 - 11.5 NPT	1 - 11.5 NPT	1 - 11.5 NPT	1 - 11.5 NPT	1 - 11.5 NPT
6	Cleaning and inspection opening	95x70	95x70	95x70	95x70	95x70	95x70
ENERGY LABELING (ERP)							
Load Profil		XXL	XXL	3XL	3XL	3XL	3XL
Energy labeling		B	B	-	-	-	-
Efficiency	%	66	66	69	65	65	63

* After installing Flue Reducer
All measures are rounded off to 5mm.