

Nominal power **90 ÷ 3500 kW**

Design pressure **5 bar**



REX

Reverse flame boiler

ICI

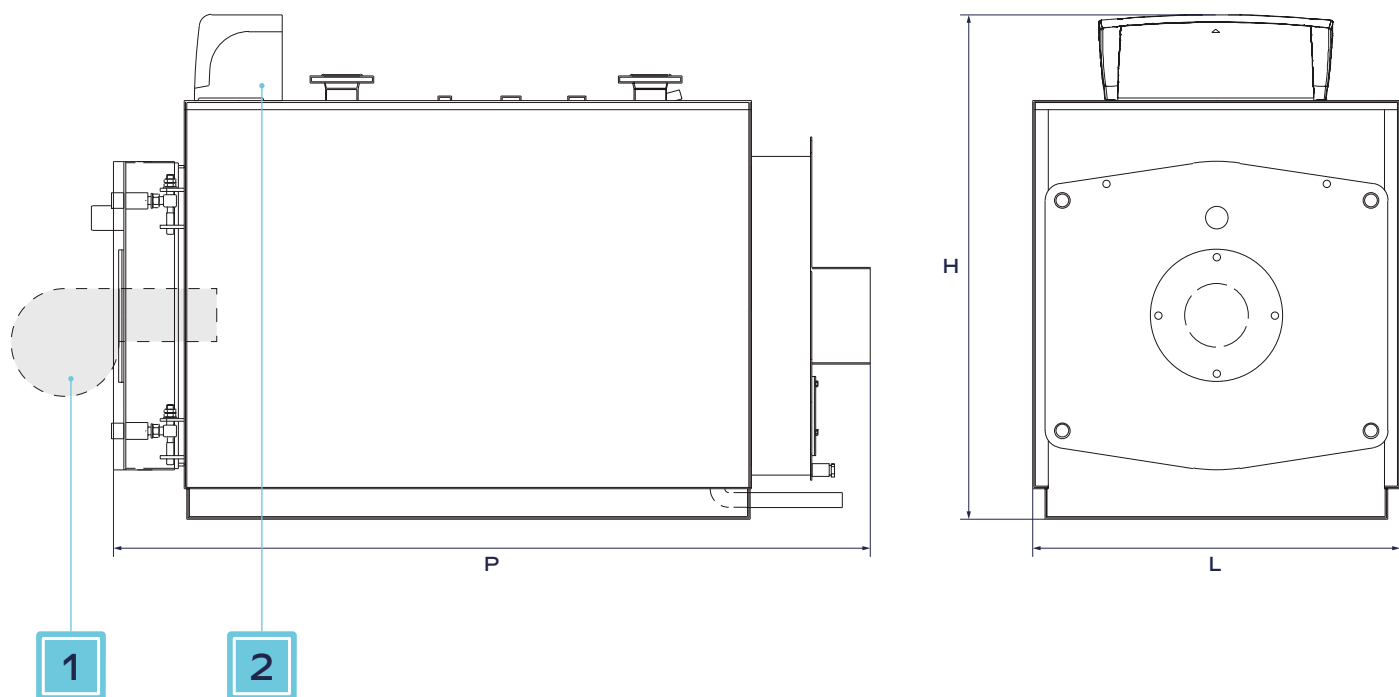
POWERING EVOLUTION



Reverse flame boiler with cylindrical furnace completely closed on the rear side by a dished end supported by a fully submerged stub pipe. The boilers can be used with forced draft burners for the operation on liquid or gaseous fuels. These boilers are designed to be used in systems with water temperature between 60 and 100°C (safety thermostat set at 110°C).

TECHNICAL DATA

REX	Heat output	Design pressure	100% Productivity		Flow thermal	
			REX	REX F	REX	REX F
	kW	bar	%		kW	
9	90	5	92	> 95	98	95,2
10	100	5	92	> 95	109	105,6
12	120	5	92	> 95	130	126,5
15	150	5	92	> 95	163	157,8
20	200	5	92	> 95	216	210
30	300	5	92	> 95	325	315,5
40	420	5	92	> 95	455	420
62	620	5	92	> 95	672	649
75	750	5	92	> 95	813	786
85	850	5	92	> 95	921	891
100	1020	5	92	> 95	1106	1069
120	1200	5	92	> 95	1301	1259
130	1300	5	92	> 95	1409	1364
180	1800	5	92	> 95	1950	1885
240	2400	5	92	> 95	2600	2518
300	3000	5	92	> 95	3250	3142
350	3500	5	92	> 95	3792	3670



Optional accessories

1. Burner
2. Electrical panel

DIMENSION

REX	H	L	P	Empty weight		Total volume
				REX	REX F	
	mm	mm	mm	kg		l
9	1030	756	1164	258	266	123
10	1030	756	1164	258	266	123
12	1030	756	1164	258	266	123
15	1080	806	1409	346	357	172
20	1080	806	1409	346	357	172
30	1180	906	1659	475	489	300
40	1190	943	1911	584	600	360
62	1380	1166	2261	963	981	645
75	1510	1296	2285	1205	1230	855
85	1510	1296	2285	1205	1230	855
100	1660	1446	2513	1843	1880	1200
120	1660	1446	2513	1843	1880	1200
130	1660	1446	2513	1843	1880	1200
180	1746	1470	3096	2750	2815	1650
240	1876	1600	3480	3900	3980	2300
300	2146	1870	3480	5200	5300	3150
350	2146	1870	3935	5700	5800	3650

*ICI Caldaie S.p.a. reserves the right to make changes to the technical/dimensional information of the products in order to continue to improve their quality.

ADVANTAGES

- **Interconnection with the heating plant:**
remotization of all operating data via communication protocols. Creation of a synoptic on a dedicated web page for remote telemanagement.
- **Traditional fuels:**
Methane - LPG - Naphtha - Diesel
- **Clean fuels:**
Biogas - Biomethane - Biodiesel - Syngas

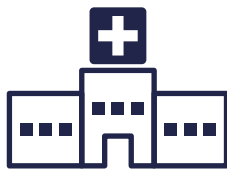
- **Certifications**



MAIN APPLICATIONS



Industry



Hospital



Food&Beverage



Oil&Gas

SUPPORT SERVICES

With the new Assistance Services specific to the different types of generators and the impact they have on productivity, ICI Powering Evolution customers can maintain the high efficiency status of their thermal power plants.

Activities

Each package offers a unique level of service, designed to guarantee:

- A wide range of included services
- Tailored support for specific needs
- Performance analysis and monitoring

Support service activities are grouped into 3 categories:



Basic Support



Active Support



Active Support Plus

COMPONENTS COMPATIBLE



ETERM PANEL



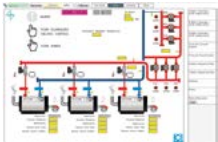
RETURN T° CONTROL SYSTEM
System for maintaining the temperature difference Δ° between supply and return



THERMOSTATIC PANEL



SERVICE LEVEL AGREEMENT
11 managed services, 4 levels of offering



MODBUS INTERFACE



PT1000 TEMPERATURE PROBE



ROOM TEMPERATURE PROBE



ICI CALDAIE S.p.A.
Via G. Pascoli, 38
37059 Campagnola di Zevio
(Verona) - Italia

icicaldaie.com
T. +39 045 8738511
P.IVA e C.F. 00227490232