



Floor standing
boilers

RX





RX

A reliable safe choice

RX is a complete range of high-performance floor standing boilers with a stainless steel multi-gas atmospheric burner and cast iron exchanger, which are ideal for heating small and medium sized homes.

The special care paid to details means that **RX** is a combination of modern and elegant design with extremely easy installation and servicing.

RX is available in seven models from 22 to 60.7 kW for the open chamber version and a 31 kW model with sealed chamber. **RX** has automatic ignition with flame ionisation control; on the **PVA** version, the expansion tank, pump and safety valve are all fitted standard. The entire **RX** range can be matched with **BA** boilers to guarantee abundant and constant hot running water.

A cast-iron soul

Cast iron is an alloy whose properties remain unaltered throughout time and means reliability, long life and ease of maintenance. The particular shape of the cast-iron heat exchanger leads to a perfectly balanced combustion

with very low gas exhaust emissions. These are the most remarkable results that have been achieved by Sime through more than thirty years of experience.

Simple to use

With just one switch, the boiler automatically controls all the operating phases and stable running: just turn the switch and the boiler will automatically start when heating is required.

Temperature is regulated by the thermostat knob, with a regulation range between 45 and 85°C. To ensure maximum safety, the commands are protected by a flap against accidental tampering.



List of operations / tools

- ▶ 1 Main switch
- ▶ 2 Lock out button
- ▶ 3 Smoke thermostat
- ▶ 4 Hydrometer
- ▶ 5 Thermometer
- ▶ 6 Safety thermostat
- ▶ 7 Boiler thermostat

Maximum flexibility

RX boilers can be installed in traditional plants or zone plants. For this type of installation, there is a hydraulic kit for the open chamber models complete with

accessories and an electronic control unit that can control up to three zones. The sealed chamber model is prepared for controlling the second zone with a special kit that is available on request.

Tailored solution for the sealed chamber model

For the RX BF sealed chamber model, Sime offers a complete range of accessories to intake the air and expel the smokes, which can solve the most varied of

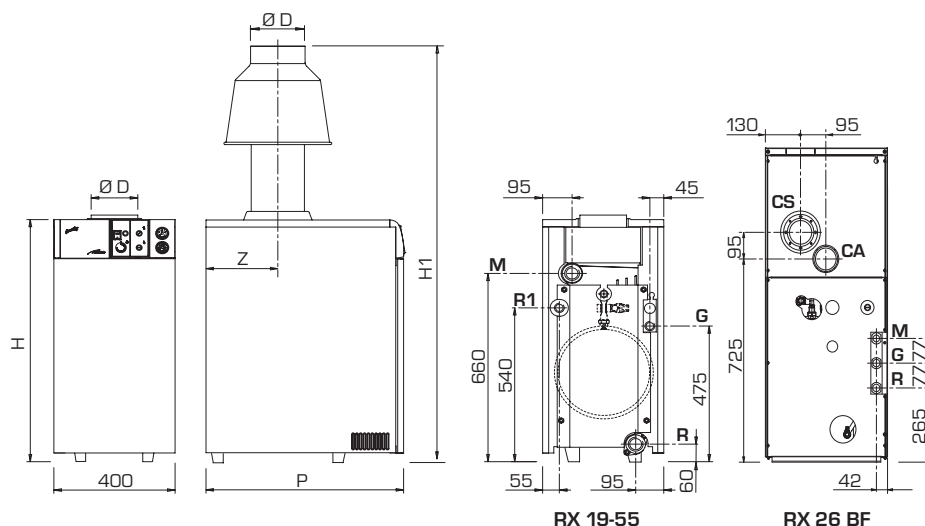
installation situations. Special accessories are also available with intakes for combustion analysis.

Technical data

CE 0099	Open flue					Sealed chamber
	19	26	37	48	55	26 BF
Heat Output kW	22,0	30,5	39,1	48,8	60,7	23,2-31,0
Heat Output kcal/h	18.900	26.200	33.600	42.000	52.200	19.950-26.660
Heat Input kW	25,0	34,8	44,8	55,0	69,2	26,2-34,0
Efficiency rating at maximum output %	88,0	87,6	87,3	88,7	87,7	91,1
Efficiency rating at 30% of maximum output %	84,5	84,8	85,2	85,4	85,8	92,0
Cast iron sections n°	3	4	5	6	7	4
Water content l	10	13	16	19	22	16
Maximum working pressure bar	4	4	4	4	4	4
Absorbed power consumption W	16-100*	16-100*	16	16	16	155
Expansion vessel						
Capacity l/Preloading pressure bar	8/1*	10/1*	-	-	-	10/1
Max. horizontal length of coaxial flue duct m	-	-	-	-	-	2,8
Max horizontal length of twin flue ducts m	-	-	-	-	-	8 + 8
Weight kg	101-113*	126-138*	150	176	202	240

* Vers. PVA CE IONO.

Dimensions - Connections



Dimensions

	D mm	P mm	H mm	H1 mm	Z mm
19	130	595	850	-	-
26	150	720	850	-	-
37	180	70	-	1435	245
48	180	770	-	1435	295
55	200	870	-	1675	345
26 BF	-	760	1120	-	-

CA Inlet duct ø 80

CS Outlet duct ø 80 - Coaxial duct ø 60/100

Connections

	19	26	37	48	55	26 BF
M C.H. flow	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"	3/4"
R C.H. return	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/4"	3/4"
R1 C.H. return	1" *	1" *	-	-	-	-
G Gas connection	1/2"	1/2"	3/4"	3/4"	3/4"	3/4"

* Only PVA CE IONO version.

Technical features and safety devices

	19-55 CE IONO	19-26 PVA CE IONO	26 BF
3 bar C.H. safety valve		▲	▲
Smoke thermostat	▲	▲	
Smoke pressure switch			▲
Double electrical valve for interrupting gas flow in the absence of flame	▲	▲	▲
Safety thermostat	▲	▲	▲

We pursue a policy of continuing improvement in design and performance of our products. The right is therefore reserved to vary specifications without notice.



Fonderie Sime S.p.A • Via Garbo, 27 • 37045 Legnago (Vr) Italy
Tel. +39 0442 631111 • Export Division Fax +39 0442 631293 • www.sime.it