

R30

Rendamax: maximum efficiency

Rendamax has been producing (condensing) boilers, water heaters and swimming pool heaters for professional use since 1968. In all places where heating must be reliable, innovative and efficiency prevails Rendamax products have proved their value over and over.

During the whole process from consulting to installation and service Rendamax will deliver an optimum of efficiency and care – anywhere.



Rendamax bv
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innovative heating technology

The R30:

more compact, faster, more efficient and **WALL-HUNG!**

Heatnology was already more compact, faster and more efficient and now wall-hung too.

The R30, a new range of condensing high efficiency boilers, that combine effective heating with the highest efficiency, the lowest energy consumption and the lowest environmental impact. With this innovative new heating technology Rendamax has once more set new standards.

The capacity of the R30 can be rapidly and precisely adjusted to the heating requirement! This newest generation of condensing high efficiency boilers is again unbelievably compact.



Maximum innovation

The R30 represents once again the optimization of heating technology with which Rendamax has been surprising the European market since the 1970s. They are, similar to our other series of boilers, stepless modulating condensing boilers with a modulation of 14% to 100%. The boilers have been constructed with stainless steel heat exchangers and a premix low NO_x burner that once more guarantees minimum emission of NO_x, CO and CO₂ and maximum energy efficiency.

Proven quality

Apart from its rapidity, compactness and efficiency, the R30 is also very user friendly and requires little maintenance. The boilers are – as is standard for Rendamax – fully assembled and preprogrammed and are easy to install and put into operation. The boilers are constructed from high quality, recyclable components and are extremely quiet.

- Condensing wall-hung boiler with very high efficiency > 110,1%
- Capacities of 45, 65, 85, 100 and 120kW
- Very compact construction
- Premix, low NO_x burner technology
- NO_x emission < 26mg/kWh (15 ppm)
- Stainless steel heat exchanger
- Modulation range of minimum 14% to 100%
- Noise level < 48 dB(A)
- Pump incorporated in boiler types R30/45, R30/65 and R30/85
- Pump supplied separately types R30/100 and R30/120
- Newest generation of Rendamax control technology with digital display
- Very low water content
- Fast heat supply by reliable flow through technology
- Recyclable
- Very easy to install and put into operation
- Service friendly
- Very quiet

Technical specifications

Type		R30/45	R30/65	R30/85	R30/100	R30/120
Nominal heat input H _s	kW	6,4 - 44,4	9,5 - 67,4	17,7 - 88,8	19,9 - 99,9	25,0 - 124,8
Nominal heat input H _i	kW	5,8 - 40,0	8,6 - 60,7	16,0 - 80,0	18,0 - 90,0	22,5 - 112,4
Nominal heat output (80/60°C)	kW	5,6 - 39,2	8,3 - 59,2	15,6 - 77,8	17,6 - 88,2	21,9 - 109,8
Nominal heat output (40/30°C)	kW	6,3 - 43,0	9,2 - 65,0	17,0 - 85,0	19,2 - 96,3	24,0 - 120,0
Gas consumption						
natural gas H (10,9 kWh/m ³)(min./max)	m ³ /h	0,5 - 3,7	0,8 - 5,6	1,4 - 7,3	1,6 - 8,2	2,1 - 10,3
natural gas L (8,7 kWh/m ³) (min./max)	m ³ /h	0,6 - 4,6	1,0 - 7,0	1,8 - 9,2	2,1 - 10,3	2,6 - 12,9
propane (12,8 kWh/kg) (min./max)	kg/h	0,5 - 3,1	0,7 - 4,7	1,3 - 6,3	1,4 - 7,0	1,8 - 8,8
Gas inlet pressure						
natural gas H (min./max)	mbar	17 - 20	17 - 20	17 - 20	17 - 20	17 - 20
natural gas L (min./max)	mbar	20 - 25	20 - 25	20 - 25	20 - 25	20 - 25
propane (min./max)	mbar	30 - 50	30 - 50	30 - 50	30 - 50	30 - 50
Water capacity						
Max. working pressure	bar	6	6	6	6	6
Flue connection						
D	mm	80	80	100	100	100
Air supply						
D1	mm	80	80	100	100	100
Gas connection						
G		R 3/4"	R 3/4"	R 3/4"	R 3/4"	R 3/4"
Water connections						
W		R 1 1/4"/Rp 1"	R 1 1/4"/Rp 1"	R 1 1/4"/Rp 1"	R 1 1/4"/Rp 1"	R 1 1/4"/Rp 1"
Condensate connection (∅ _{external})						
	mm	25	25	25	25	25
Power supply						
V		230 1N~	230 1N~	230 1N~	230 1N~	230 1N~
Frequency						
Hz		50	50	50	50	50
Fuse						
A		6	6	6	6	6
Max. electrical power consumption (excl. pump)						
W		97	98	123	130	215
Max. electrical power consumption (incl. pump)						
W		190	230	255	325	410
Protection degree						
IP		IPX4D	IPX4D	IPX4D	IPX4D	IPX4D
Dimensions						
height	mm	896	896	896	896	896
width	mm	465	465	465	465	465
B1	mm	120	120	140	140	140
depth L	mm	340	405	510	560	670
L1	mm	74	90	90	90	90
Boiler weight, empty, ±5%						
kg		45	55	65	80	90

(Changes can be made without any prior notice)

