

Rendamax characteristics

- Limited space requirement
- Excellent modulation ratio (1:7)
- Optimal efficiency (110,4%)
- Lowest emissions
- Silent in operation
- Low weight and compact
- Extension up to 8 boilers and 15 heating zones possible
- Service friendly boiler design
- Easy maintenance
- Stainless steel heat exchanger with water cooled premix burner
- Plug & play option kits for complete system selection



R600



Rendamax bv

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Innovation in heating technology

Rendamax R600

The Rendamax R600 series of boilers is packed with features that are best in class and provide power, extreme efficiency, reliability and ultra low harmful emissions. The R600 range includes 7 models with outputs from 142 to 539 kW. Utilising the proven Rendamax' patented water cooled, down-firing, premix burner system coupled with all stainless steel heat exchanger assembly, Rendamax R600 boilers have a class leading NO_x emission of less than 35 mg/kWh with 0% O₂ and can return efficiencies up to 110,4%. Designed to pass through standard doors, with widths from 670 mm and floor space requirement is within the range 0,74 m² to 1,34 m². Each model is equipped with two return connections as standard, allowing high efficiency to be achieved when serving a mix of higher and lower system load circuit temperatures. Another standard feature is the option to utilize room sealed or open flue systems. The Rendamax R600 is suitable for use in single boiler or multiple/cascade installations. If used single, plug & play optional extra low loss headers are available, and if being

used as retrofit appliances onto aged systems, a matched boiler protection plate heat exchanger unit is available for total boiler isolation. The modulating burner system allows turndown ranging from 5:1 to 7:1 to return optimum efficiency at low system loads.



Exceptional high quality

and unequalled lifetime high efficiency through the use of corrosion resistant stainless steel as a heat exchanger material

Highest system flexibility

Plug & Play hydraulic and safety relevant solutions

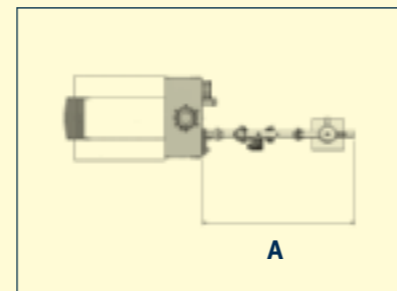
Easy servicing

Boiler design optimised for easy access on servicing

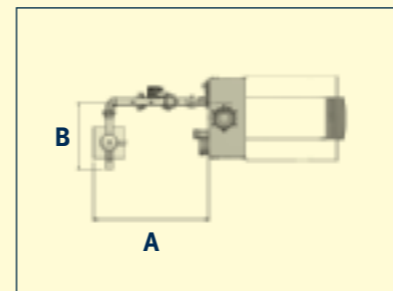
Environmental friendly

Lowest emission values

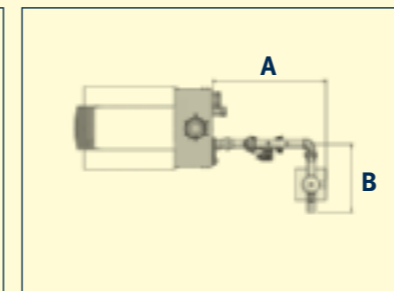
Positioning variations with low loss header



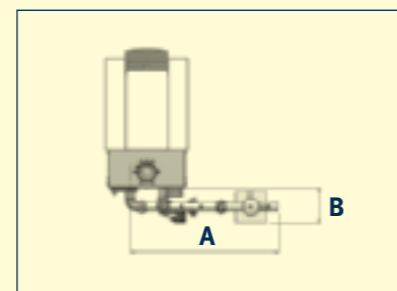
Boiler type	A
	mm
R601-R603	1233
R604-R605	1299
R606-R607	1299



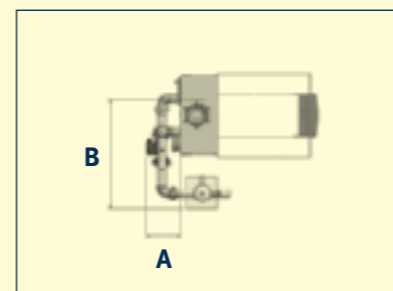
Boiler type	A	B
	mm	mm
R601-R603	923	545
R604-R605	1096	611
R606-R607	1096	611



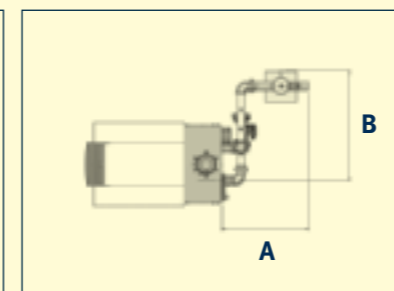
Boiler type	A	B
	mm	mm
R601-R603	928	545
R604-R605	1119	611
R606-R607	1119	611



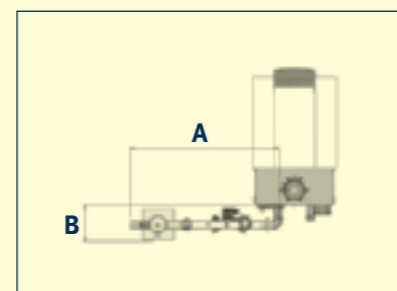
Boiler type	A	B
	mm	mm
R601-R603	1191	277
R604-R605	1320	388
R606-R607	1320	388



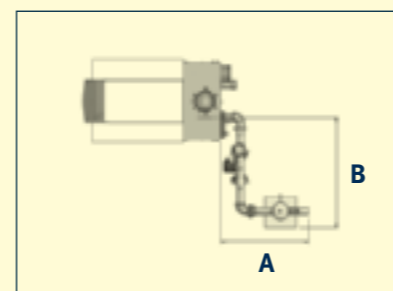
Boiler type	A	B
	mm	mm
R601-R603	277	881
R604-R605	388	1119
R606-R607	388	1119



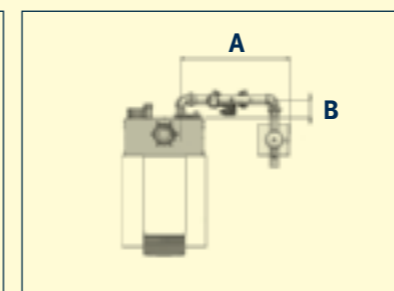
Boiler type	A	B
	mm	mm
R601-R603	697	886
R604-R605	873	1138
R606-R607	873	1138



Boiler type	A	B
	mm	mm
R601-R603	1191	282
R604-R605	1320	406
R606-R607	1320	406

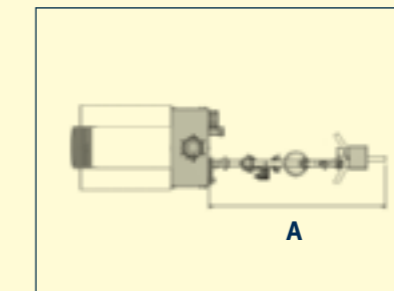


Boiler type	A	B
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R601-R603	697	881
R604-R605	873	1119
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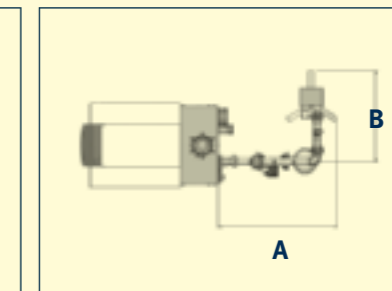


Boiler type	A	B
	mm	mm
R601-R603	886	152
R604-R605	1119	262
R606-R607	1119	262

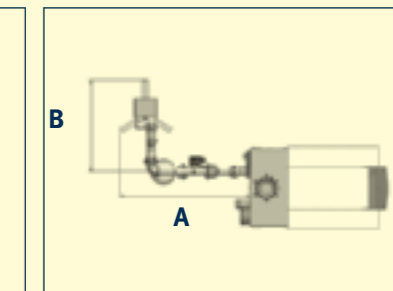
Positioning variations with plate heat exchanger



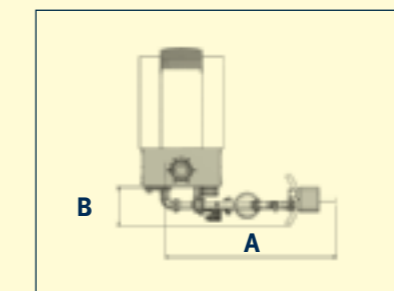
Boiler type	A
	mm
R601-R603	1233
R604-R605	1299
R606-R607	1299



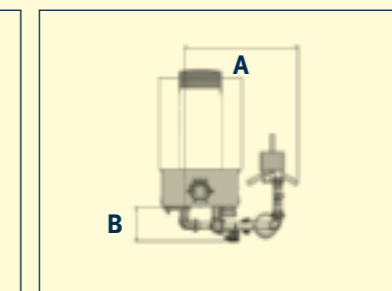
Boiler type	A	B
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R601-R603	923	545
R604-R605	1096	611
R606-R607	1096	611



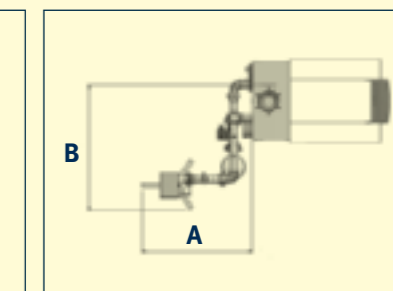
Boiler type	A	B
	mm	mm
R601-R603	928	545
R604-R605	1119	611
R606-R607	1119	611



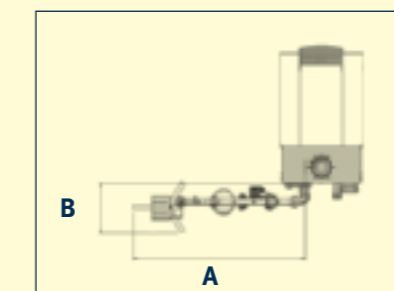
Boiler type	A	B
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R601-R603	1191	277
R604-R605	1320	388
R606-R607	1320	388



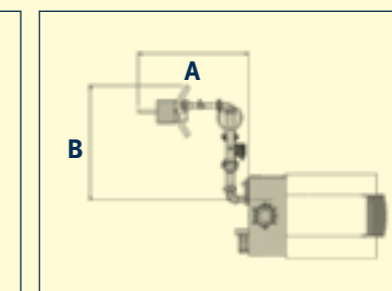
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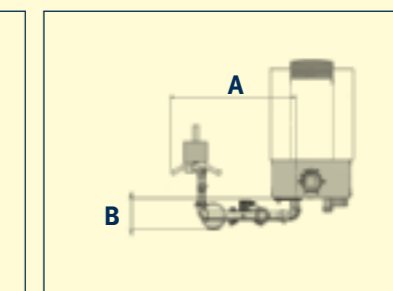
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