

RS 250M Garmiran-Riello Gas Burner

Modulating Gas burner RS/M series

High efficiency

Application: hot water, steam boilers, power plants

Including two stages by means of a processor

Modular performance ability (as a request)

High safety is the competitive advantages of these burners

Using high quality components in the assemble of the burners

Completely tested in the factory

Compatible with remote control system

Low noise (due to the special design)

Having the least dimension and weight in comparison to other producers

LOW NOx

RS 250/M MZ 600/1250 ÷ 2650 kw

RS 28 Garmiran-Riello Gas Burner

Gas burners RS series

High efficiency

Application: hot water, steam boilers, power plants, paint lines, greenhouse, poultry

Including two stages by means of a processor

High safety is the competitive advantages of these burners

Using high quality components in the assemble of the burners

Completely tested in the factory

Compatible with remote control system

Low noise (due to the special design)

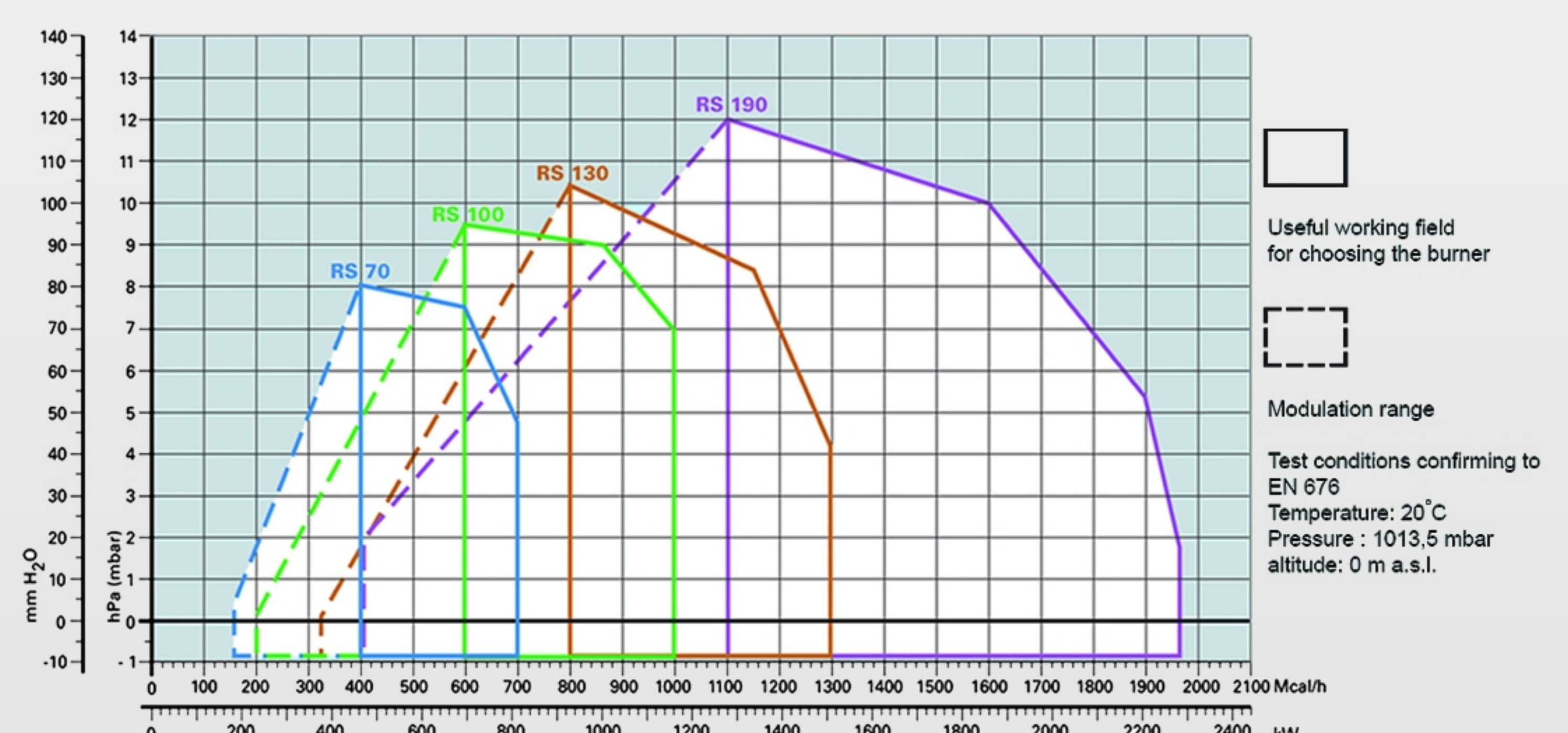
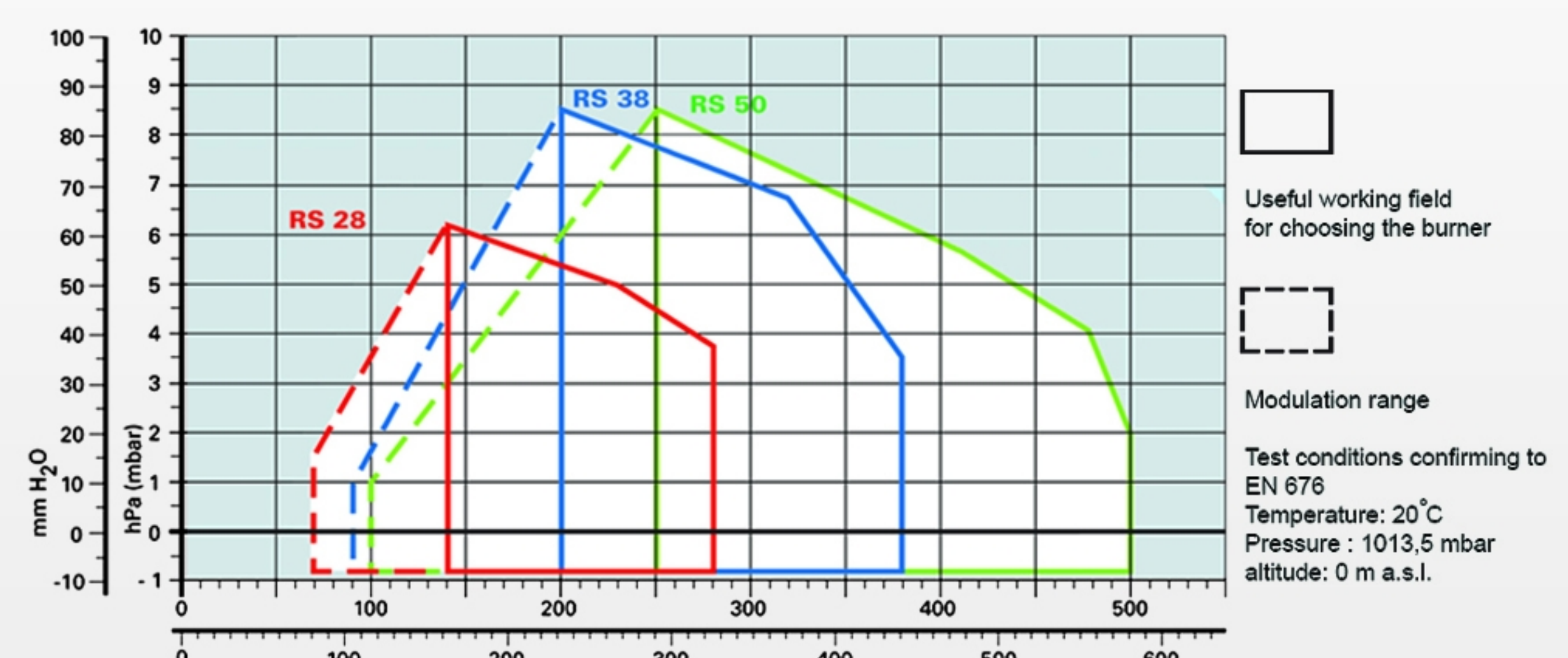
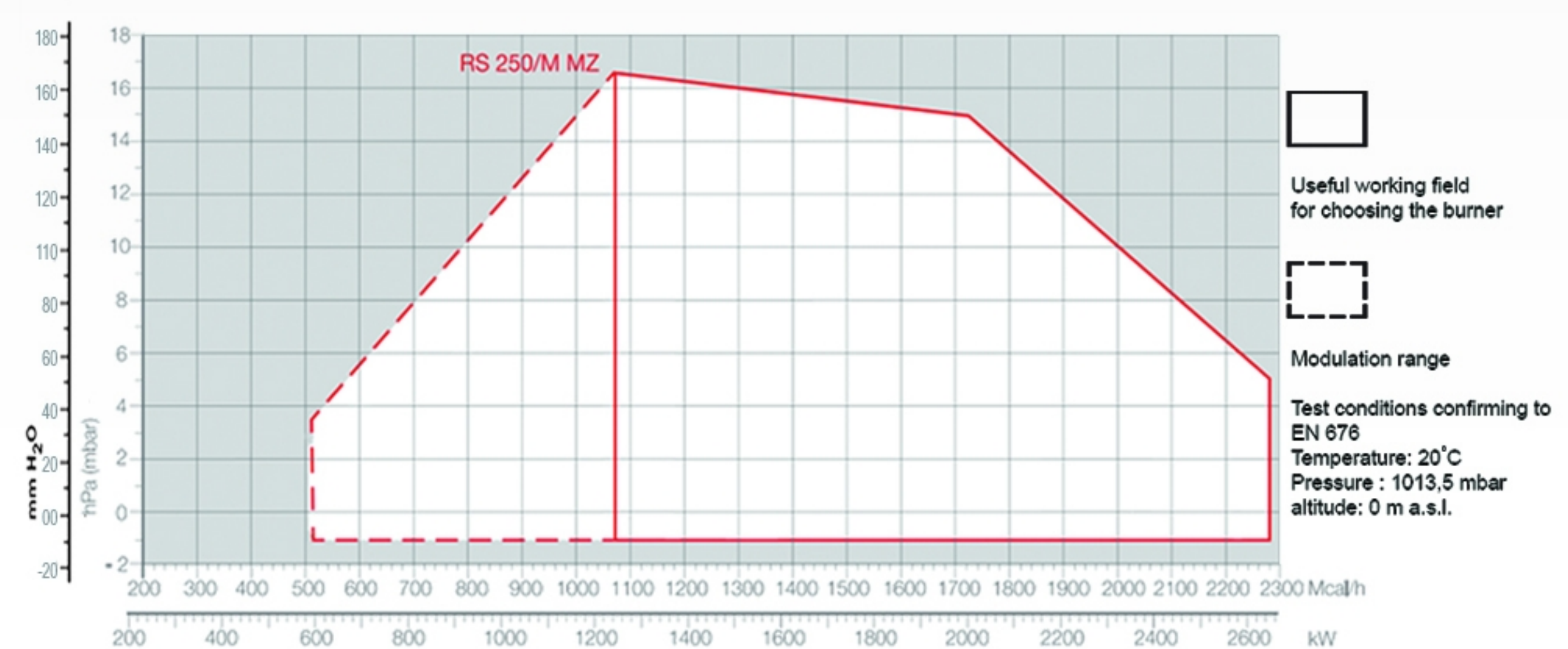
Having the least dimension and weight in comparison to other producers

Flame adjustment: using a CAM, the gas to air ratio will be adjusted

Confirmed by EN 676 and other valid European standards

LOW NOx

RS 28	81/163 ÷	325 kw
RS 38	105/232 ÷	440 kw
RS 50	115/290 ÷	600 kw
RS 70	192/465 ÷	814 kw
RS 100	232/698 ÷	1163 kw
RS 130	372/930 ÷	1512 kw
RS 190	470/1279 ÷	2290 kw

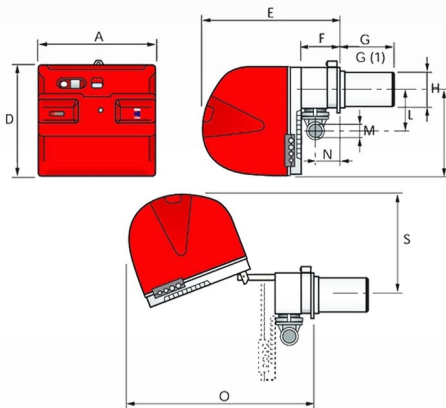


Overall Dimension(mm)

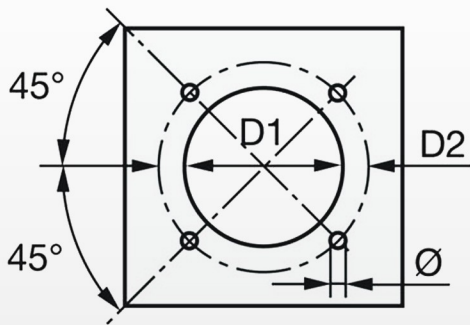
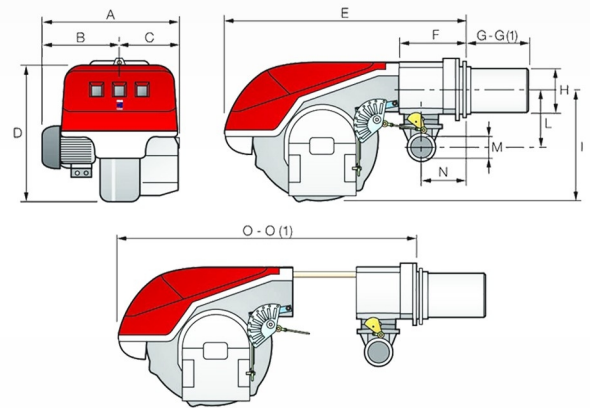
MODEL	A	D	E	F	G - G (1)	H	I	L	M	N	O	S
RS 28	476	474	580	164	216 - 351	140	352	168	1" 1/2	108	810	367
RS 38	476	474	580	164	216 - 351	140	352	168	1" 1/2	108	810	367
RS 50	476	474	580	164	216 - 351	140	352	168	1" 1/2	108	810	367

MODEL	A	B	C	D	E	F	G - G (1)	H	I	L	M	N	O - O (1)
RS 70	511	296	215	555	840	214	250 - 385	179	430	221	2"	134	1161 - 1296
RS 100	527	312	215	555	840	214	250 - 385	179	430	221	2"	134	1161 - 1296
RS 130	553	338	215	555	840	214	280 - 415	189	430	221	2"	134	1161 - 1296
RS 190	681	366	315	555	872	246	372 - 530	222	430	221	2"	150	1328 - -
RS 250/M MZ	732	427	305	555	872	230	370 - 520	222	430	221	2"	150	1328 - -

RS 28 - 38 - 50



RS 70 - 100 - 130 - 190

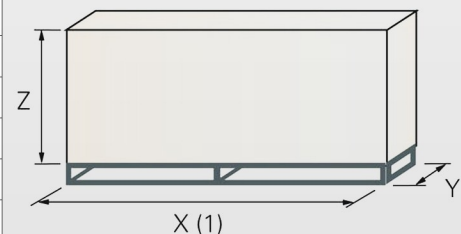


Burner-Boiler Mounting Flange (mm)

MODEL	D1	D2	Ø
RS 28	160	224	M8
RS 38	160	224	M8
RS 50	160	224	M8
RS 70	185	275-325	M12
RS 100	185	275-325	M12
RS 130	195	275-325	M12
RS 190	230	325-368	M16
RS 250/M MZ	230	325-368	M16

Packaging(mm)

MODEL	X (1)	Y	Z	kg
RS 28	1200	502	520	38
RS 38	1200	502	520	40
RS 50	1200	502	520	41
RS 70	1405	700	660	70
RS 100	1405	700	660	73
RS 130	1405	700	660	76
RS 190	1405 - 1420	1000	660	82
RS 250/M MZ	1405 - 1420	1000	660	117



RLS 100 Garmiran-Riello Dual Fuel Burner

Dual fuel burners RLS series

High efficiency

Application: hot water, steam boilers, power plants

Including two stages by means of a processor

High safety is the competitive advantages of these burners

Using high quality components in the assemble of the burners

Completely tested in the factory

Compatible with remote control system

Low noise (due to the special design)

Having the least dimension and weight in comparison to other producers

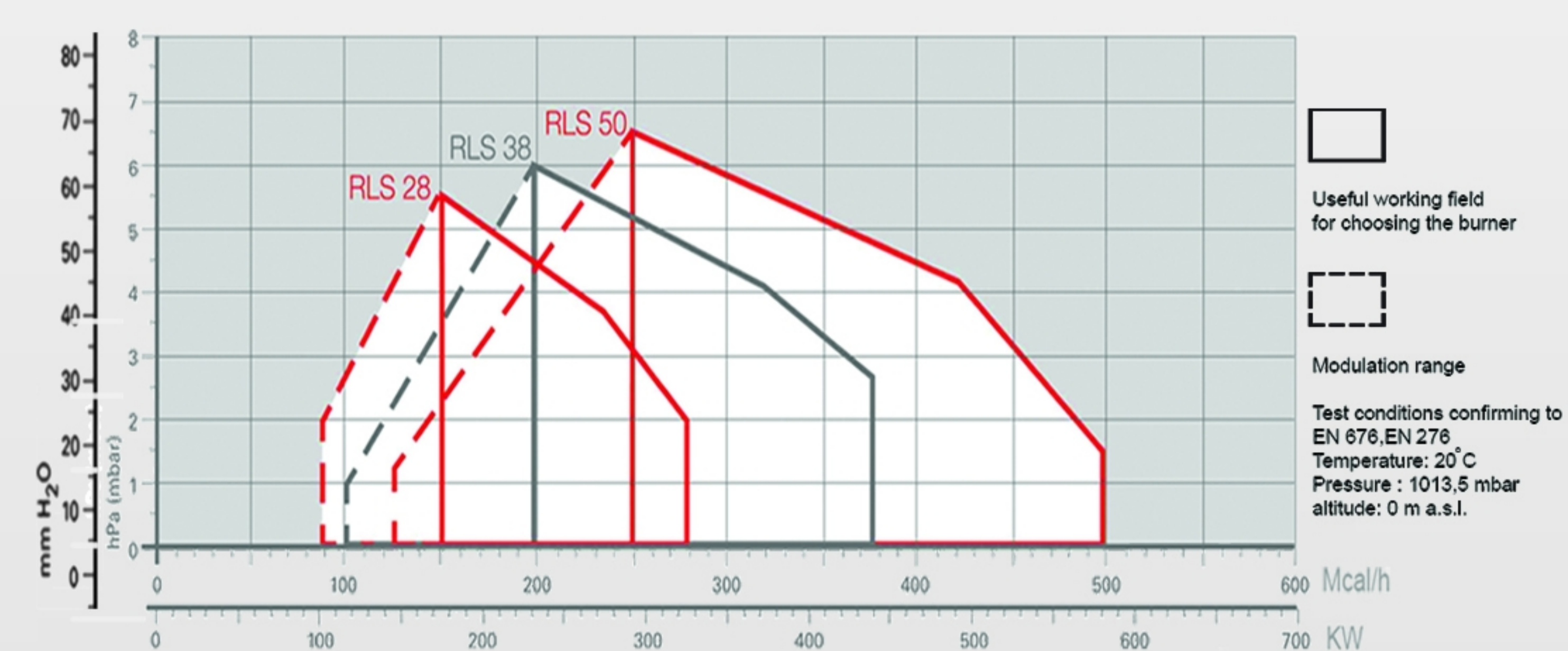
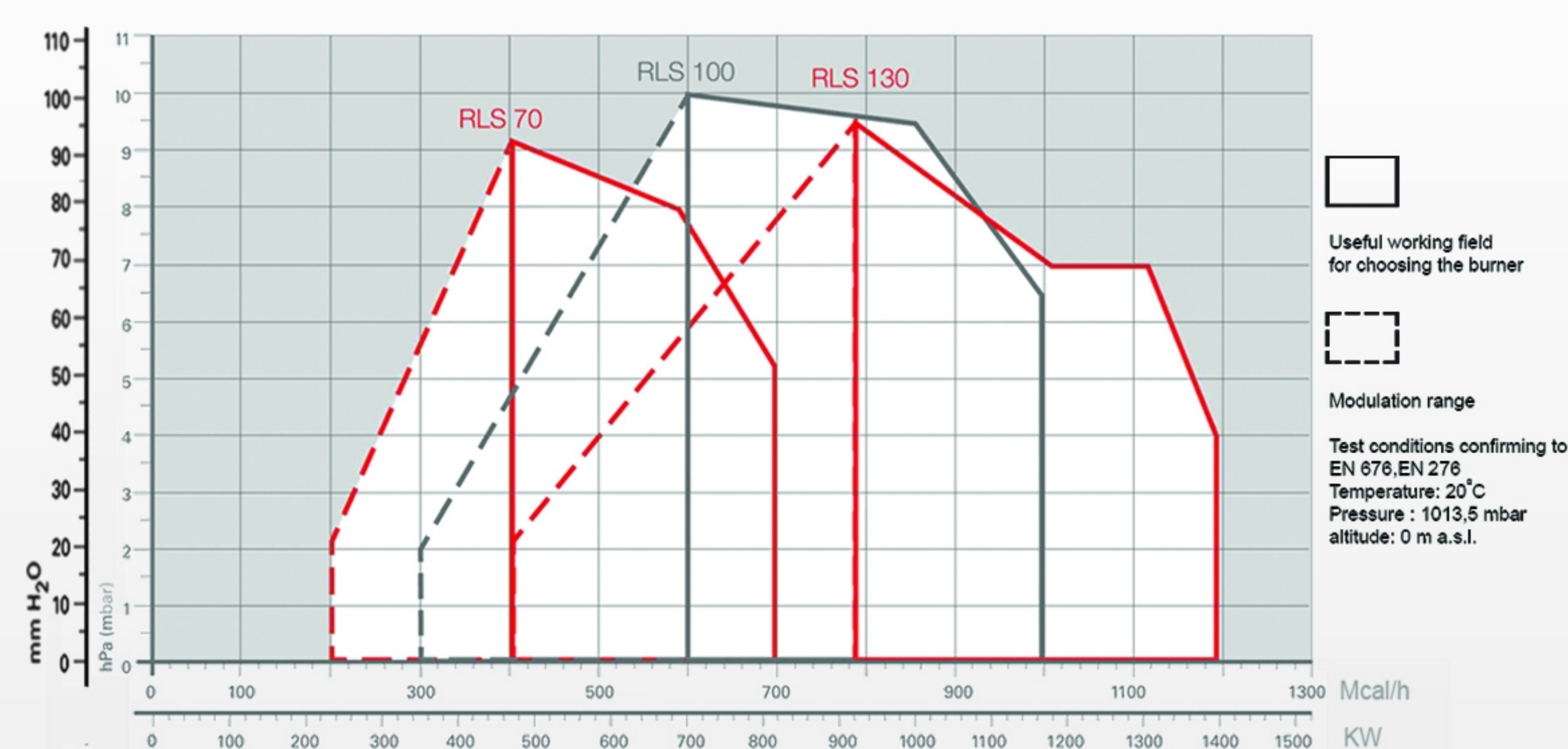
Easy installation and commissioning

Confirmed by EN 676, EN 267 and other valid European standards

LOW NOx



RLS 28	100/163 ÷	325 kW
RLS 38	116/232 ÷	442 kW
RLS 50	145/290 ÷	581 kW
RLS 70	232/465 ÷	814 kW
RLS 100	349/698 ÷	1163 kW
RLS 130	465/930 ÷	1395 kW



RLS 190/M MZ Garmiran-Riello Dual Fuel Burner

Dual fuel burner RLS/M MZ series

High efficiency

Modular performance ability (as a request)

Application: hot water, steam boilers, power plants

Including two stages by means of a processor

High safety is the competitive advantages of these burners.

Using high quality components in the assemble of the burners

Completely tested in the factory

Compatible with remote control system

Low noise (due to the special design)

Having the least dimension and weight in comparison to other producers

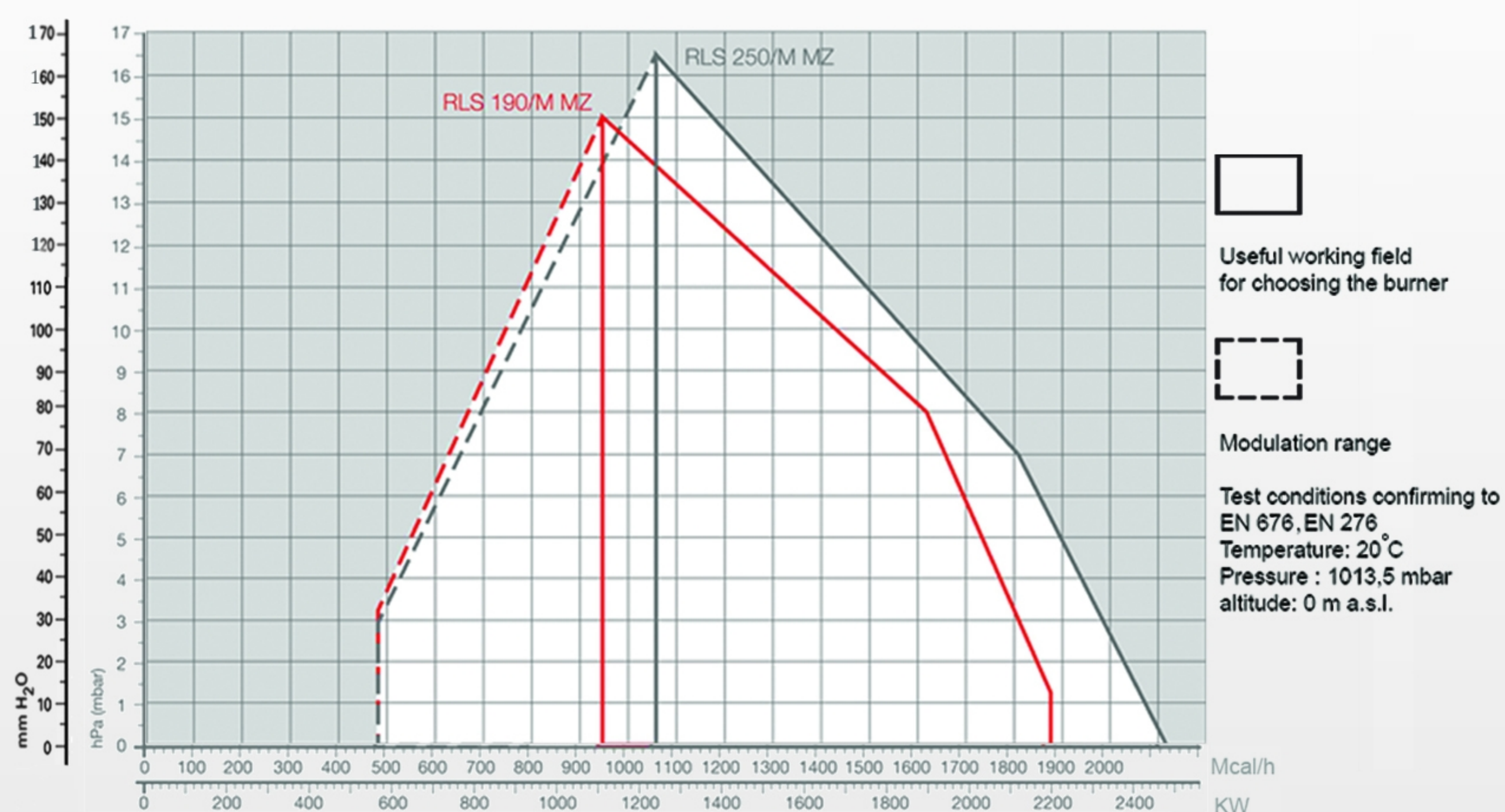
Easy installation and commissioning

Confirmed by EN 676, EN 276 and other valid European standards

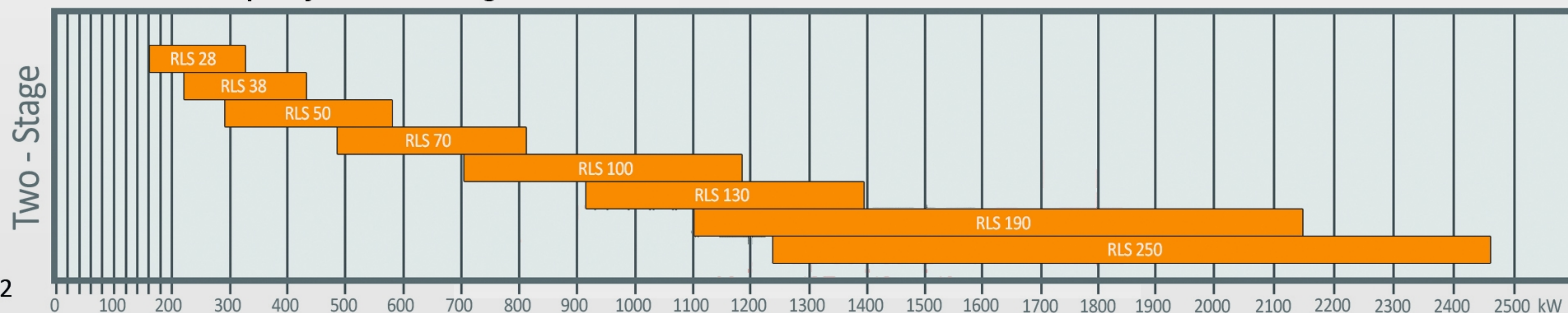
LOW NOx



RLS 190/M MZ	550/1100 ÷ 2150 kW
RLS 250/M MZ	550/1230 ÷ 2460 kW



Riello Burner Capacity Selection Diagram

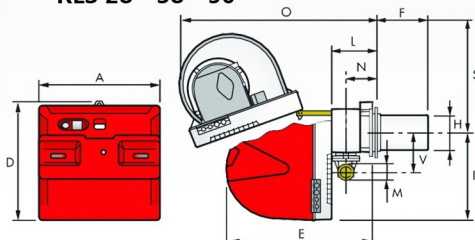


Overall Dimension (mm)

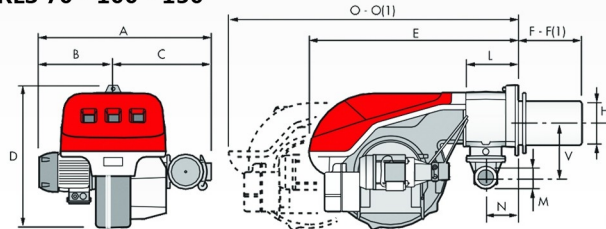
MODEL	A	B	C	D	E	F - F(1)	H	I	L	M	N	O - O(1)	S	V
RLS 28	476	-	-	474	580	191 - 326	140	352	164	1" 1/2	108	810 - 810	367	168
RLS 38	476	-	-	474	580	201 - 336	152	352	164	1" 1/2	108	810 - 810	367	168
RLS 50	476	-	-	474	580	216 - 351	152	352	164	1" 1/2	108	810 - 810	367	168
RLS 70	691	296	395	555	840	250 - 385	179	430	214	2"	134	1161 - 1361	-	221
RLS 100	707	312	395	555	840	250 - 385	189	430	214	2"	134	1161 - 1361	-	221
RLS 130	733	338	395	555	840	250 - 385	189	430	214	2"	134	1161 - 1361	-	221

MODEL	A	B	C	D	E	F - F(1)	H	I	L	M	N	O - O(1)	V
RLS 190/M MZ	843	366	477	555	863	412 - 542	222	430	430	Rp2	141	141	186
RLS 250/M MZ	904	427	477	555	863	412 - 542	222	435	435	Rp2	141	141	186

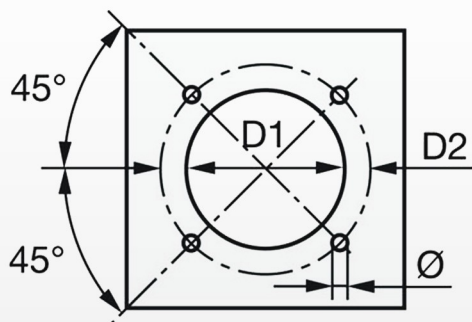
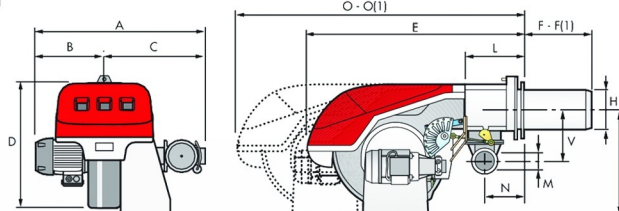
RLS 28 - 38 - 50



RLS 70 - 100 - 130



RLS 190/M MZ RLS 250/M MZ



Burner- Boiler Mounting Flange (mm)

MODEL	D1	D2	Ø
RLS 28	160	224	M8
RLS 38	160	224	M8
RLS 50	160	224	M8
RLS 70	185	275-325	M12
RLS 100	195	275-325	M12
RLS 130	195	275-325	M12
RLS 190/M MZ	230	325-368	M16
RLS 250/M MZ	230	325-368	M16

Packaging(mm)

MODEL	X (1)	Y	Z	kg
RLS 28	1190	492	510	43
RLS 38	1190	492	510	45
RLS 50	1190	492	510	46
RLS 70	1405	1000	660	70
RLS 100	1405	1000	660	73
RLS 130	1405	1000	660	76
RLS 190/M MZ	1400	975	645	95
RLS 250/M MZ	1400	1000	765	100

