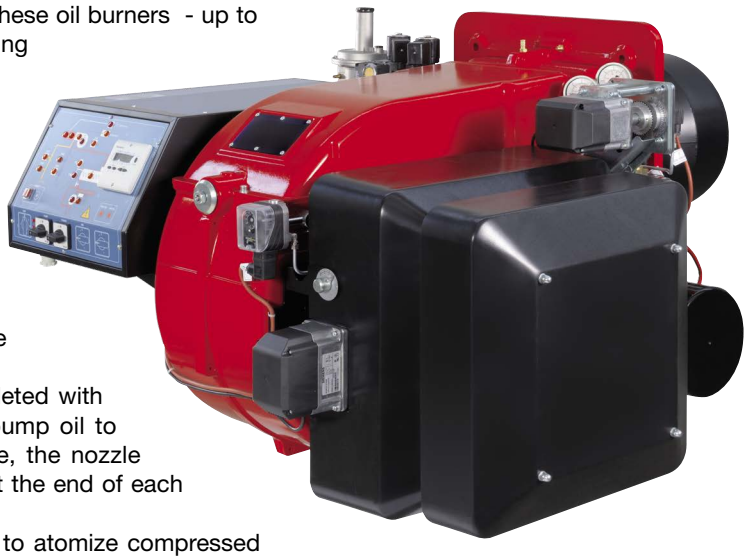
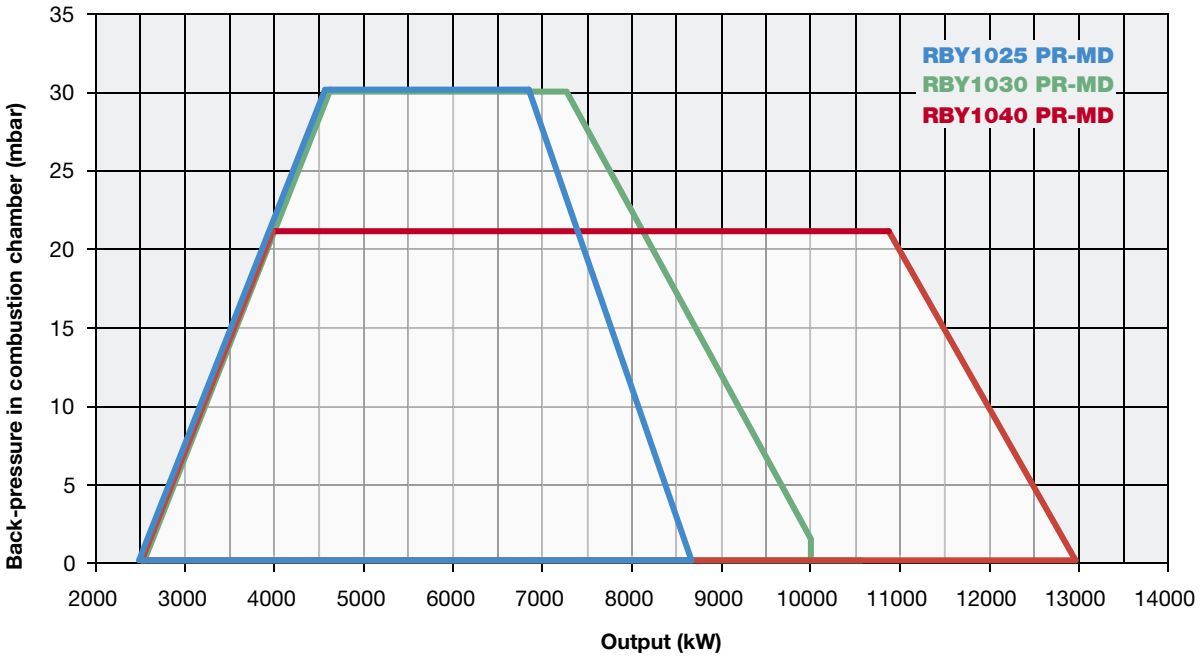
RBY1025 RBY1030 RBY1040 mille SERIES

PNEUMATIC ATOMIZATION WITH ELECTRONIC OPERATION
with viscosity up to 4000 cSt at 50°C (530°E at 50°C)



Just like the corresponding MILLE series, these oil burners - up to 4.000 cSt at 50°C (530°E at 50°C) - including emulsified oils, were developed to use compressed air or, when required, steam as a means of atomization in order to achieve better combustion results compared to the one gained using the traditional atomizing systems.
These burners are provided with a low pressure nozzle which allows consumption levels to be kept low and which also limits the general wear of the whole atomization system.
All burners are progressive and are completed with an electrical control cabinet and with a pump oil to be installed by the final user. Furthermore, the nozzle performs an automatic cleaning process at the end of each cycle.
The standard version of burners is set up to atomize compressed air only, when steam is requested for the atomization, the burner will be modified though a specific kit.
Air, or steam, must be present at the burner at pressure from 6 to 10 bar.
Burner are ignited through a pilot which can operate either with natural gas or LPG.

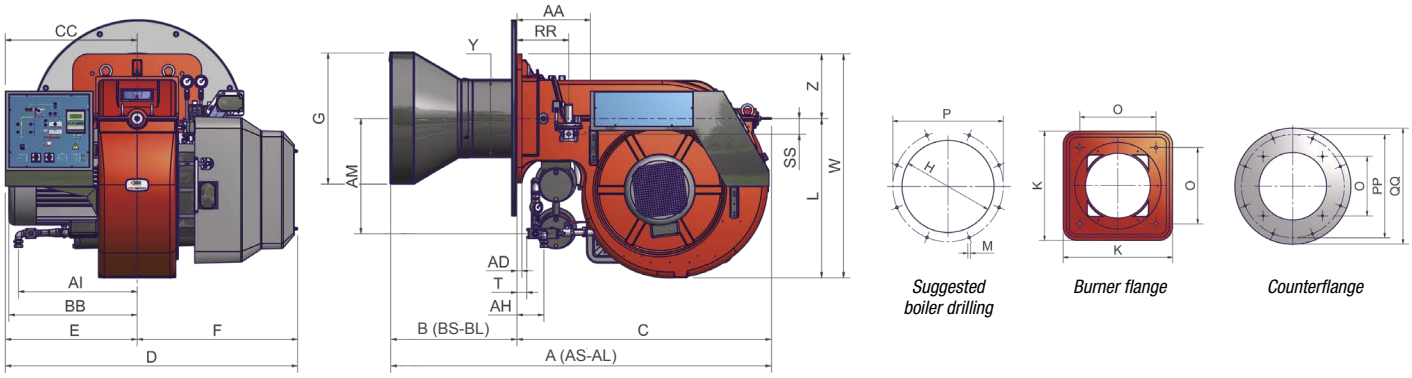


mille SERIES RBY1025 RBY1030 RBY1040

PNEUMATIC ATOMIZATION WITH ELECTRONIC OPERATION
with viscosity up to 4000 cSt at 50°C (530°E at 50°C)

TECHNICAL DETAILS

Type	Model	Output kW		Auxiliary electrical power supply	Motor electrical power supply	Fan motor	Pump motor	Resistor	Noise level
		min.	max.			kW	kW	kW	dBA
RBY1025	H-.xx.S.xx.A.xx	2.550	8.700	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	18,5	0,75	24	82,2
RBY1030	H-.xx.S.xx.A.xx	2.550	10.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	22,0	1,10	18+18	85,6
RBY1040	H-.xx.S.xx.A.xx	2.550	13.000	230 V 1N AC 50 Hz	400 V 3 AC 50 Hz	30,0	1,10	24+24	85,6



Suggested boiler drilling *Burner flange* *Counterflange*

Low pressure pump set (pump, motor and filter) is included, but supplied loose (not assembled on the burner).

Type	Packaging dimensions (mm)			
	l	p	h	kg
RBY1025/1030/1040	2.280	1.730	1.360	850

Approximate values

Type	Model	Overall dimensions (mm)																													
		AA	AS	AL	AD	AH	AI	AM	B	BB	BS	BL	C	CC	D	E	F	G	H	K	L	M	N	O	P	RR	SS	T	W	Y	Z	PP	QQ
RBY1025	H-.xx.x.xx.A.xx	377	1669	1865	25	304	465	335	410	641	376	572	1293	680	1502	680	822	474	524	660	816	M16	651	460	800	265	80	95	1146	381	330	800	900
RBY1030	H-.xx.x.xx.A.xx	377	1646	-	25	138	608	589	353	657	353	-	1293	680	1502	680	822	633	693	660	816	M16	651	460	800	265	80	50	1146	400	330	800	900
RBY1040	H-.xx.x.xx.A.xx	377	1654	1873	25	138	608	589	361	657	361	580	1293	680	1502	680	822	671	731	660	816	M16	-	460	800	265	80	50	1146	412	330	800	900

Approximate values
The dimensions B are reduced by 25 mm with counterflange and gasket.

RBY1025 RBY1030 RBY1040 mille SERIES

PNEUMATIC ATOMIZATION WITH ELECTRONIC OPERATION
with viscosity up to 4000 cSt at 50°C (530°E at 50°C)

ELECTRONIC OPERATION

		RBY1025		RBY1030		RBY1040	
Model	Operation	Code	Price €	Code	Price €	Code	Price €
HEAVY OIL 4000 cSt at 50°C (530°E at 50°C)							
H-.PR.S.xx.A.EA	PR (*)	02318220A		02318240A		02318260A	

S = Standard combustion head (BS)
L = For long combustion head version (BL) increase the price (see price list)
(*) Progressive PR control, for modulating version MD add € (see price list)
In the full modulating version MD in order for the supply to be completed, the burner must be equipped with the respective modulating probe (see accessory table, page 282).

In compliance with:
- Low Tension Directive 2014/35/UE - Electromagnetic Compatibility Directive 2014/30/UE - Machinery Directive 2006/42/CE

ELECTRONIC OPERATION

		RBY1025		RBY1030		RBY1040	
Model	Operation	Code	Price €	Code	Price €	Code	Price €
HEAVY OIL 4000 cSt at 50°C (530°E at 50°C)							
H-.MD.S.xx.A.ES	MD (**)	02318220S		02318240S		02318260S	

S = Standard combustion head (BS)
L = For long combustion head version (BL) increase the price (see price list)
(**) The burners are already MD version.
In order for the supply to be completed, the burner must be equipped with the respective modulating probe (see accessory table, page 282).

In compliance with:
- Low Tension Directive 2014/35/UE - Electromagnetic Compatibility Directive 2014/30/UE - Machinery Directive 2006/42/CE