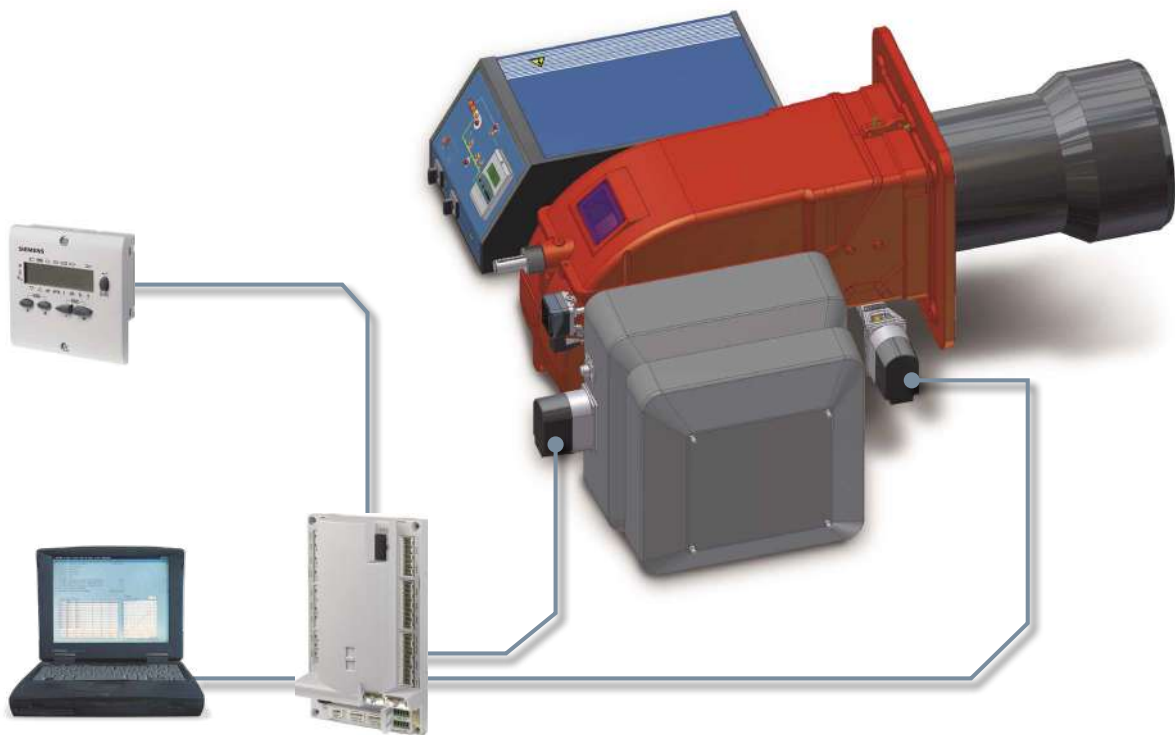


WITH LMV 2... 3... MICROPROCESSOR for medium-large burners

CIB UNIGAS S.p.A. can provide medium size burners (up to 15.200 kW), with an electronic control system. It can be used both on single fuel burners (gas or light oil) and on dual fuel burners (gas/light oil).

This system offers many features:

- Reduction of mechanical moving parts
- Built-in flame detection box
- Integrated gas proving system
- Possibility to install different types of flame sensors, in order to use the electronic cam system on all applications
- Variable speed drive VSD (only on certain versions)
- Error-code display on screen in case of lock-out
- Possibility to program or to exclude the post purge time
- Display mode of operating hours



Modbus communication, system, only upon request, through the software (to be quoted separately), except the base version.

Optimal air/fuel ratio regulation, with high precision and repeatability of the regulations made.

Easy programming, both through the AZL programmer, and the proper software.

WITH LMV 2... 3... MICROPROCESSOR for medium-large burners



Model	Series	Fuel	LMV 20	LMV 26	LMV 27	LMV 37	AGM60
EA	NOVANTA CINQUECENTO	gas	●				
EA	MILLE DUEMILA	gas			●		
EA	NOVANTA CINQUECENTO	liquid fuel	●		● Light Oil		
EA	MILLE DUEMILA	liquid fuel			●		
EB	NOVANTA CINQUECENTO	gas				●	
EB	MILLE DUEMILA	gas				●	
EB	NOVANTA CINQUECENTO	liquid fuel				●	
EB	MILLE DUEMILA	liquid fuel				●	
EC	NOVANTA CINQUECENTO	dual fuel burners HR-KP		●			
EC	MILLE	dual fuel burners N		●			
EC	MILLE DUEMILA	dual fuel burners HR-KR		●			●
EC	NOVANTA CINQUECENTO	dual fuel burners KRBY		●			●
EC	MILLE DUEMILA	dual fuel burners KRBY		●			●
ED	NOVANTA CINQUECENTO	dual fuel burners HR-KR		●			
ED	MILLE	dual fuel burners N		●			
ED	MILLE DUEMILA	dual fuel burners HR-KR		●			●
ED	NOVANTA CINQUECENTO	dual fuel burners KRBY		●			●
ED	MILLE DUEMILA	dual fuel burners KRBY		●			●

● = SQM33.711A9



	AZL 23	SQM33 air	SQM33 gas	SQM33 liquid fuel	INVERTER
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GAS WITH LMV 20...

Electronically Operated without Inverter

complete with leakage control

Version EA (Novanta, Cinquecento)



LMV 20...



AZL 23



Servomotor
AIR SQM33...



Servomotor
GAS SQM33...

Series	Burner Type	Extra charge €
GAS	R91A... 1.50/65/80/100 ...EA R92A... 1.50/65/80/100 ...EA R93A... 1.50/65/80/100 ...EA	
GAS	RX92R... 1.50/65/80/100 ...EA RX92.1... 1.50/65/80/100 ...EA	
GAS	G258A... 1.50/65/80/100 ...EA G335A... 1.50/65/80/100 ...EA G380A... 1.50/65/80/100 ...EA G400A... 1.50/65/80/100 ...EA	
GAS	G225X... 1.50/65/80/100 ...EA G270X... 1.50/65/80/100 ...EA G325X... 1.50/65/80/100 ...EA	
GAS	H455A... 1.50/65/80/100 ...EA H630A... 1.50/65/80/100 ...EA H685A... 1.50/65/80/100 ...EA	
GAS	H365X... 1.50/65/80/100 ...EA H440X... 1.50/65/80/100 ...EA H500X... 1.50/65/80/100 ...EA	
GAS	R512A... 1.50/65/80/100 ...EA R515A... 1.50/65/80/100 ...EA R520A... 1.50/65/80/100 ...EA R525A... 1.65/80/100 ...EA	
GAS	K750A... 1.65/80/100/125 ...EA* K890A... 1.65/80/100/125 ...EA* K990A... 1.80/100/125 ...EA*	
GAS	K590X... 1.65/80/100/125 ...EA* K660X... 1.65/80/100/125 ...EA* K750X... 1.65/80/100/125 ...EA*	

* Servomotor air SQM33.711A9

GAS WITH LMV 27... Electronically Operated without Inverter

Version EA (Mille, Duemila)



LMV27...



AZL 23



Servomotor
AIR SQM33...



Servomotor
GAS SQM33...

Series	Burner Type	Extra charge €
GAS	R1025... 1.65/80/100/125 ...EA* R1030... 1.65/80/100/125 ...EA* R1040... 1.65/80/100/125 ...EA*	
GAS	N1060A... 1.80/100/125 ...EA* N1300A... 1.80/100/125 ...EA*	
GAS	N880X... 1.80/100/125 ...EA* N925X... 1.80/100/125 ...EA* N1060X... 1.80/100/125 ...EA*	
GAS	R2050... 1.80/100/125 ...EA*	
GAS	RX2050R... 1.80/100/125 ...EA* RX2050... 1.80/100/125 ...EA*	

* Servomotor air SQM33.711A9

GAS WITH LMV 37... Electronically Operated with Inverter

Version EB (Novanta, Cinquecento, Mille, Duemila)



LMV 37...



AZL 23



Servomotor
AIR SQM33...



Servomotor
GAS SQM33...



Inverter

Series	Burner Type	Extra charge €
GAS	R91A... 1.50/65/80/100 ...EB R92A... 1.50/65/80/100 ...EB R93A... 1.50/65/80/100 ...EB	
GAS	RX92R... 1.50/65/80/100 ...EB RX92.1... 1.50/65/80/100 ...EB	
GAS	G258A... 1.50/65/80/100 ...EB G335A... 1.50/65/80/100 ...EB G380A... 1.50/65/80/100 ...EB G400A... 1.50/65/80/100 ...EB	
GAS	G225X... 1.50/65/80/100 ...EB G270X... 1.50/65/80/100 ...EB G325X... 1.50/65/80/100 ...EB	
GAS	H455A... 1.50/65/80/100 ...EB H630A... 1.50/65/80/100 ...EB H685A... 1.50/65/80/100 ...EB	
GAS	H365X... 1.50/65/80/100 ...EB H440X... 1.50/65/80/100 ...EB H500X... 1.50/65/80/100 ...EB	
GAS	R512A... 1.50/65/80/100 ...EB R515A... 1.50/65/80/100 ...EB R520A... 1.50/65/80/100 ...EB R525A... 1.65/80/100 ...EB	
GAS	K750A... 1.65/80/100/125 ...EB* K890A... 1.65/80/100/125 ...EB* K990A... 1.80/100/125 ...EB*	
GAS	K590X... 1.65/80/100/125 ...EB* K660X ... 1.65/80/100/125 ...EB* K750X... 1.65/80/100/125 ...EB*	
GAS	R1025... 1.65/80/100/125 ...EB* R1030... 1.65/80/100/125 ...EB* R1040... 1.65/80/100/125 ...EB*	
GAS	N1060A... 1.80/100/125 ...EB* N1300A... 1.80/100/125 ...EB*	
GAS	N880X... 1.80/100/125 ...EB* N925X... 1.80/100/125 ...EB* N1060X... 1.80/100/125 ...EB*	
GAS	R2050... 1.80/100/125 ...EB*	
GAS	RX2050R... 1.80/100/125 ...EB* RX2050... 1.80/100/125 ...EB*	

* Servomotor air SQM33.711A9

LIGHT OIL AND HEAVY OIL BURNERS WITH LMV 20... LMV 27... Electronically Operated without Inverter

Version EA (Novanta, Cinquecento, Mille, Duemila)



LMV 20...
LMV 27... NOVANTA, CINQUECENTO,
MILLE, DUEMILA series (LIGHT OIL)
LMV 27... MILLE, DUEMILA series
(HEAVY OIL)



AZL 23



Servomotor
AIR SQM33...



Servomotor
LIGHT OIL-HEAVY OIL
SQM33...

Series	Burner Type	Extra charge €
LIGHT OIL	RG91 - RG92 - RG93 ...EA	
LIGHT OIL	RG510 - RG515 - RG520 - RG525 ...EA	
LIGHT OIL	RG1030 - RG1040 ...EA*	
LIGHT OIL	RG2050 ...EA*	
HEAVY OIL	PBY90 - PBY91 - PBY92 - PBY93 ...EA	
HEAVY OIL	RBY510 - RBY515 - RBY520 - RBY525 ...EA	
HEAVY OIL	RBY1025 - RBY1030 - RBY1040 ...EA*	
HEAVY OIL	RBY2050 ...EA*	

* Servomotor SQM33.711A9 for air, light oil and heavy oil (with LMV 27...)

LIGHT OIL BURNERS WITH LMV 37... Electronically Operated with Inverter

Version EB (Novanta, Cinquecento, Mille, Duemila)



LMV 37...



AZL 23



Servomotor
AIR SQM33...



Servomotor
LIGHT OIL SQM33...



Inverter

Series	Burner Type	Extra charge €
LIGHT OIL	RG91 - RG92 - RG93 ...EB	
LIGHT OIL	RG510 - RG515 - RG520 - RG525 ...EB	
LIGHT OIL	RG1030 - RG1040 ...EB*	
LIGHT OIL	RG2050 ...EB*	

* Servomotor air and light oil SQM33.711A9

DUAL FUEL BURNERS NATURAL GAS/LIGHT OIL NATURAL GAS/HEAVY OIL WITH LMV 26... Electronically Operated without Inverter complete with leakage control

Version EC (Novanta, Cinquecento, Mille, Duemila)



LMV 26...



AZL 23



Servomotor
AIR SQM33...



Servomotor
GAS
LIGHT OIL-HEAVY OIL
SQM33...



***Servomotor
HEAVY OIL
SQM33...

Series	Burner Type	Extra charge €
DUAL FUEL GAS/LIGHT OIL	HR91A... 1.50/65/80/100 ...EC HR92A... 1.50/65/80/100 ...EC HR93A... 1.50/65/80/100 ...EC	
DUAL FUEL GAS/LIGHT OIL	HRX92R... 1.50/65/80/100 ...EC HRX92.1... 1.50/65/80/100 ...EC	
DUAL FUEL GAS/LIGHT OIL	G258A... 1.50/65/80/100 ...EC G335A... 1.50/65/80/100 ...EC G380A... 1.50/65/80/100 ...EC G400A... 1.50/65/80/100 ...EC	
DUAL FUEL GAS/LIGHT OIL	G225X... 1.50/65/80/100 ...EC G270X... 1.50/65/80/100 ...EC G325X... 1.50/65/80/100 ...EC	
DUAL FUEL GAS/LIGHT OIL	H455A... 1.50/65/80/100 ...EC H630A... 1.50/65/80/100 ...EC H685A... 1.50/65/80/100 ...EC	
DUAL FUEL GAS/LIGHT OIL	H365X... 1.50/65/80/100 ...EC H440X... 1.50/65/80/100 ...EC H500X... 1.50/65/80/100 ...EC	
DUAL FUEL GAS/LIGHT OIL	HR512A... 1.50/65/80/100 ...EC HR515A... 1.50/65/80/100 ...EC HR520A... 1.50/65/80/100 ...EC HR525A... 1.65/80/100 ...EC	
DUAL FUEL GAS/LIGHT OIL	K750A... 1.65/80/100/125 ...EC* K890A... 1.65/80/100/125 ...EC* K990A... 1.80/100/125 ...EC*	
DUAL FUEL GAS/LIGHT OIL	K590X... 1.65/80/100/125 ...EC* K660X... 1.65/80/100/125 ...EC* K750X... 1.65/80/100/125 ...EC*	

* Servomotor air, light oil-heavy oil and heavy oil SQM33.711A9

*** Only KPBY version

DUAL FUEL BURNERS NATURAL GAS/LIGHT OIL NATURAL GAS/HEAVY OIL WITH LMV 26...

Electronically Operated without Inverter complete with leakage control

Version EC (Novanta, Cinquecento, Mille, Duemila)



LMV26...



AZL 23



Servomotor
AIR SQM33...



Servomotor
GAS
LIGHT OIL-HEAVY OIL
SQM33...



***Servomotor
HEAVY OIL
SQM33...

Series	Burner Type	Extra charge €
DUAL FUEL GAS/LIGHT OIL	HR1025... 1.65/80/100/125 ...EC* HR1030... 1.65/80/100/125 ...EC* HR1040... 1.65/80/100/125 ...EC*	
DUAL FUEL GAS/LIGHT OIL	N1060A... 1.80/100/125 ...EC* N1300A... 1.80/100/125 ...EC*	
DUAL FUEL GAS/LIGHT OIL	N880X... 1.80/100/125 ...EC* N925X... 1.80/100/125 ...EC* N1060X... 1.80/100/125 ...EC*	
DUAL FUEL GAS/LIGHT OIL	HR2050... 1.80/100/125 ...EC*	
DUAL FUEL GAS/LIGHT OIL	HRX2050R... 1.80/100/125 ...EC* HRX2050... 1.80/100/125 ...EC*	
DUAL FUEL GAS/HEAVY OIL	KP91- KP92 - KP93 ...EC	
DUAL FUEL GAS/HEAVY OIL	KPBY91 - KPBY92 ...EC	
DUAL FUEL GAS/HEAVY OIL	KR512 - KR515 - KR520 - KR525 ...EC	
DUAL FUEL GAS/HEAVY OIL	KRBY512 - KRBY515 - KRBY520 - KRBY525 ...EC	
DUAL FUEL GAS/HEAVY OIL	KR1025 - KR1030 - KR1040 ...EC*	
DUAL FUEL GAS/HEAVY OIL	KR2050 ...EC*	
DUAL FUEL GAS/HEAVY OIL	KRBY1025... 1.65/80/100 ...EC* KRBY1030... 1.65/80/100 ...EC* KRBY1040... 1.80/100/125 ...EC*	
DUAL FUEL GAS/HEAVY OIL	KRBY2050 ...EC*	

* Servomotor air, light oil-heavy oil and heavy oil SQM33.711A9

*** Only KPBY version

DUAL FUEL BURNERS NATURAL GAS/LIGHT OIL NATURAL GAS/HEAVY OIL WITH LMV 26... Electronically Operated with Inverter

Version ED (Novanta, Cinquecento, Mille, Duemila)



LMV 26...



AZL 23



Servomotor
AIR SQM33...



Servomotor
GAS SQM33...



***Servomotor
HEAVY OIL
SQM33...



Inverter

Series	Burner Type	Extra charge €
DUAL FUEL GAS/LIGHT OIL	HR91A... 1.50/65/80/100 ...ED HR92A... 1.50/65/80/100 ...ED HR93A... 1.50/65/80/100 ...ED	
DUAL FUEL GAS/LIGHT OIL	HRX92R... 1.50/65/80/100 ...ED HRX92.1... 1.50/65/80/100 ...ED	
DUAL FUEL GAS/LIGHT OIL	G258A... 1.50/65/80/100 ...ED G335A... 1.50/65/80/100 ...ED G380A... 1.50/65/80/100 ...ED G400A... 1.50/65/80/100 ...ED	
DUAL FUEL GAS/LIGHT OIL	G225X... 1.50/65/80/100 ...ED G270X... 1.50/65/80/100 ...ED G325X... 1.50/65/80/100 ...ED	
DUAL FUEL GAS/LIGHT OIL	H455A... 1.50/65/80/100 ...ED H630A... 1.50/65/80/100 ...ED H685A... 1.50/65/80/100 ...ED	
DUAL FUEL GAS/LIGHT OIL	H365X... 1.50/65/80/100 ...ED H440X... 1.50/65/80/100 ...ED H500X... 1.50/65/80/100 ...ED	
DUAL FUEL GAS/LIGHT OIL	HR512A... 1.50/65/80/100 ...ED HR515A... 1.50/65/80/100 ...ED HR520A... 1.50/65/80/100 ...ED HR525A... 1.65/80/100 ...ED	
DUAL FUEL GAS/LIGHT OIL	K750A... 1.65/80/100/125 ...ED* K890A... 1.65/80/100/125 ...ED* K990A... 1.80/100/125 ...ED*	
DUAL FUEL GAS/LIGHT OIL	K590X... 1.65/80/100/125 ...ED* K660X... 1.65/80/100/125 ...ED* K750X... 1.65/80/100/125 ...ED*	

* Servomotor air, light oil and heavy oil SQM33.711A9

*** Only KPBY version

DUAL FUEL BURNERS NATURAL GAS/LIGHT OIL NATURAL GAS/HEAVY OIL WITH LMV 26...

Electronically Operated with Inverter

Version ED (Novanta, Cinquecento, Mille, Duemila)



LMV 26...



AZL 23



Servomotor
AIR SQM33...



Servomotor
GAS SQM33...



***Servomotor
HEAVY OIL
SQM33...



Inverter

Series	Burner Type	Extra charge €
DUAL FUEL GAS/LIGHT OIL	HR1025... 1.65/80/100/125 ...ED* HR1030... 1.65/80/100/125 ...ED* HR1040... 1.65/80/100/125 ...ED*	
DUAL FUEL GAS/LIGHT OIL	N1060A... 1.80/100/125 ...ED* N1300A... 1.80/100/125 ...ED*	
DUAL FUEL GAS/LIGHT OIL	N880X... 1.80/100/125 ...ED* N925X... 1.80/100/125 ...ED* N1060X... 1.80/100/125 ...ED*	
DUAL FUEL GAS/LIGHT OIL	HR2050... 1.80/100/125 ...ED*	
DUAL FUEL GAS/LIGHT OIL	HRX2050R... 1.80/100/125 ...ED* HRX2050... 1.80/100/125 ...ED*	
DUAL FUEL GAS/HEAVY OIL	KP91 - KP92 - KP93 ...ED	
DUAL FUEL GAS/HEAVY OIL	KPBY91 - KPBY92 ...ED	
DUAL FUEL GAS/HEAVY OIL	KR512 - KR515 - KR520 - KR525 ...ED	
DUAL FUEL GAS/HEAVY OIL	KRBY512 - KRBY515 - KRBY520 - KRBY525 ...ED	
DUAL FUEL GAS/HEAVY OIL	KR1025 - KR1030 - KR1040 ...ED*	
DUAL FUEL GAS/HEAVY OIL	KR2050 ...ED*	
DUAL FUEL GAS/HEAVY OIL	KRBY1025... 1.65/80/100 ...ED* KRBY1030... 1.65/80/100 ...ED* KRBY1040... 1.80/100/125 ...ED*	
DUAL FUEL GAS/HEAVY OIL	KRBY2050... 1.80/100/125 ...ED*	

* Servomotor air, light oil and heavy oil SQM33.711A9

*** Only KPBY version

ELECTRONIC SUPERVISION AND CONTROL SYSTEM WITH LMV 5... for medium-large burners

CIB UNIGAS S.p.A has adopted, in its series of burners, an electronic system of command and control. This innovative system, divided into two types of devices, can be used both for civil and industrial applications (up to 80MW) and for burners which use a single or mixed fuel and with continuous or intermittent operation. This system allows the control of the various elements that play an important role in the correct mixture of the fuel and combustion air.

This solution permits to achieve the maximum precision in the combustion adjustment.

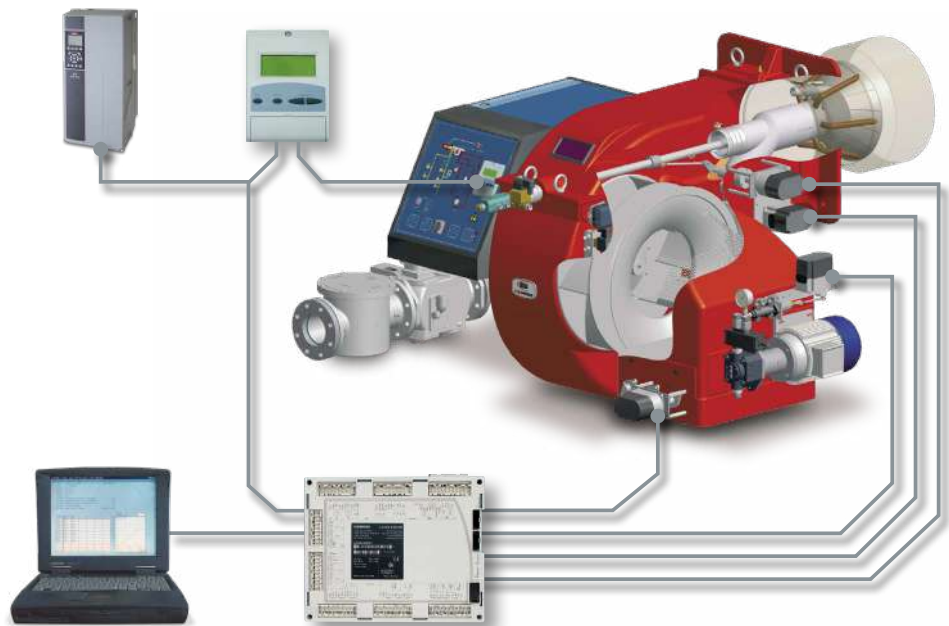
The system can also be expanded through interface with an oxygen control probe and/or a fan speed adjustment inverter in order to improve the performance. In this way we can obtain high savings both in terms of fuel and electric power required.

The command and control system is composed of a twin microprocessor electronic unit for to integrate all burner's command and control functions and of a programming and adjustment local unit.

Integrated functions include air/fuel ratio adjustment (with work point configuration possibility), PID temperature or pressure regulator, gas valve leakage control, adjustable cycle times, pre-configured fuel trains, and input/ output configuration.

The programming levels are protected by password for the three types of user (manufacturer, servicing personnel, final user); the dialogue between servocontrol and sensors is performed using twin-channel CAN Bus protocol in order to guarantee the greatest safety and reliability. The unit can be installed directly in the machine or inside a separate electric control panel positioned no further away than 100 meters.

Using the appropriate designated optional software, the system can be configured directly by PC.



Flame control box integrated functions:

- Burner control;
- Electronic cam;
- Power regulator;
- Gas valve leakage control system;
- Oxygen control;
- Inverter control;
- Dialogue with BMS systems or PLC (MODBUS);
- Burner commissioning and configuration via PC-tool;
- Simple programming with AZL and PC-tool;
- Complete self-diagnostic function (error memory, number of firings, burner operation time, clock, etc.);
- 3 levels of parameter access (manufacturer, servicing personnel, final user);
- Remote diagnostics;
- All components can be easily interchanged;
- Parameter upgrading with PC-tool;
- Dialogue with MODBUS protocol.

ELECTRONIC SUPERVISION AND CONTROL SYSTEM WITH LMV 5... for medium-large burners



Model	Series	Fuel	LMV 51.100	LMV 51.300	LMV 52.200	LMV 52.400
ES	NOVANTA - CINQUECENTO MILLE - DUEMILA	gas	●			
ES	NOVANTA - CINQUECENTO MILLE - DUEMILA	liquid fuel	●			
ES	NOVANTA - CINQUECENTO MILLE - DUEMILA	dual fuel burners	●			
EO	NOVANTA - CINQUECENTO MILLE - DUEMILA	gas			●	
EO	NOVANTA - CINQUECENTO MILLE - DUEMILA	dual fuel burners			●	
EI	NOVANTA - CINQUECENTO MILLE - DUEMILA	gas		●		
EI	NOVANTA - CINQUECENTO MILLE - DUEMILA	liquid fuel		●		
EI	NOVANTA - CINQUECENTO MILLE - DUEMILA	dual fuel burners		●		
EK	NOVANTA - CINQUECENTO MILLE - DUEMILA	gas			●	
EK	NOVANTA - CINQUECENTO MILLE - DUEMILA	dual fuel burners			●	
EF	NOVANTA - CINQUECENTO MILLE - DUEMILA	gas				●
EF	NOVANTA - CINQUECENTO MILLE - DUEMILA	dual fuel burners				●
EG	NOVANTA - CINQUECENTO MILLE - DUEMILA	gas				●
EG	NOVANTA - CINQUECENTO MILLE - DUEMILA	dual fuel burners				●
EP	NOVANTA - CINQUECENTO MILLE - DUEMILA	gas				●
EP	NOVANTA - CINQUECENTO MILLE - DUEMILA	dual fuel burners				●
ER	NOVANTA - CINQUECENTO MILLE - DUEMILA	gas				●
ER	NOVANTA - CINQUECENTO MILLE - DUEMILA	dual fuel burners				●

* Only monitoring

For burner configurations in Lamtec version with O₂ + CO oxygen control, please contact our sales department.

								
	AZL 5x	SQM4x air	SQM4x gas	SQM4x liquid fuel	SQM4x FGR	O ₂ PROBE	FGR PROBE	INVERTER
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BURNERS WITH LMV 5... Micro Processor

Version ES (Novanta, Cinquecento, Mille, Duemila)



LMV 51.100



AZL 5



SQM4...



SQM4...

Electronically operated burners without O₂ trim and inverter

Series	Burner Type	Extra charge €
GAS	R91A - R92A - R93A ...ES	
GAS	RX92R - RX92.1 ...ES	
GAS	G258A - G335A - G380A - G400A ...ES	
GAS	G225X - G270X - G325X ...ES	
GAS	H455A - H630A - H685A ...ES	
GAS	H365X - H440X - H500X ...ES	
GAS	R512A - R515A - R520A - R525A ...ES	
GAS	K750A - K890A - K990A ...ES	
GAS	K590X - K660X - K750X ...ES	
GAS	R1025 - R1030 - R1040 ...ES	
GAS	N1060A - N1300A ...ES	
GAS	N880X - N925X - N1060X ...ES	
GAS	R2050 - R2060 - R2080 ...ES	
GAS	RX2050R - RX2050 - RX2060 - RX2080 ...ES	
LIGHT OIL	RG91 - RG92 - RG93 ...ES	
LIGHT OIL	RG510 - RG515 - RG520 - RG525 ...ES	
LIGHT OIL	RG1030 - RG1040 ...ES	
LIGHT OIL	RG2050 - RG2060 - RG2080 ...ES	
HEAVY OIL	PN91 - PN92 - PN93 ...ES	
HEAVY OIL	PBY90 - PBY91 - PBY92 - PBY93 ...ES	
HEAVY OIL	RN510 - RN515 - RN520 - RN525 ...ES	
HEAVY OIL	RBY510 - RBY515 - RBY520 - RBY525 ...ES	
HEAVY OIL	RN1030 - RN1040 ...ES	
HEAVY OIL	RBY1025 - RBY1030 - RBY1040 ...ES	
HEAVY OIL	RN2050 - RN2060 - RN2080 ...ES	
HEAVY OIL	RBY2050 - RBY2060 - RBY2080 ...ES	

Version ES (Novanta, Cinquecento, Mille, Duemila)



LMV 51.100



AZL 5



SQM4...



SQM4...



SQM4...

Electronically operated burners without O₂ trim and inverter

Series	Burner Type	Extra charge €
DUAL FUEL GAS/LIGHT OIL	HR91A - HR92A - HR93A ...ES	
DUAL FUEL GAS/LIGHT OIL	HRX92R - HRX92.1 ...ES	
DUAL FUEL GAS/LIGHT OIL	G258A - G335A - G380A - G400A ...ES	
DUAL FUEL GAS/LIGHT OIL	G225X - G270X - G325X ...ES	
DUAL FUEL GAS/LIGHT OIL	H455A - H630A - H685A ...ES	
DUAL FUEL GAS/LIGHT OIL	H365X - H440X - H500X ...ES	
DUAL FUEL GAS/LIGHT OIL	HR512A - HR515A - HR520A - HR525A ...ES	
DUAL FUEL GAS/LIGHT OIL	K750A - K890A - K990A ...ES	
DUAL FUEL GAS/LIGHT OIL	K590X - K660X - K750X ...ES	
DUAL FUEL GAS/LIGHT OIL	HR1025 - HR1030 - H R1040 ...ES	
DUAL FUEL GAS/LIGHT OIL	N1060A - N1300A ...ES	
DUAL FUEL GAS/LIGHT OIL	N880X - N925X - N1060X ...ES	
DUAL FUEL GAS/LIGHT OIL	HR2050 - HR2060 - HR2080 ...ES	
DUAL FUEL GAS/LIGHT OIL	HRX2050R - HRX2050 - HRX2060 - HRX2080 ...ES	
DUAL FUEL GAS/HEAVY OIL	KP91 - KP92 - KP93 ...ES	
DUAL FUEL GAS/HEAVY OIL	KR512 - KR515 - KR520 - KR525 ...ES	
DUAL FUEL GAS/HEAVY OIL	KR1025 - KR1030 - KR1040 ...ES	
DUAL FUEL GAS/HEAVY OIL	KRBY1025 - KRBY1030 - KRBY1040 ...ES	
DUAL FUEL GAS/HEAVY OIL	KRBY2050 - KRBY2060 - KRBY2080 ...ES	

BURNERS WITH LMV 5... Micro Processor

Version EO (Novanta, Cinquecento, Mille, Duemila)



LMV 52...



AZL 5



SQM4...



SQM4...



O₂ PROBE...

**Electronically operated burners complete with O₂ trim without inverter
With oxygen probe**

Series	Burner Type	Extra charge €
GAS	R91A - R92A - R93A ...EO	
GAS	RX92R - RX92.1 ...EO	
GAS	G258A - G335A - G380A - G400A ...EO	
GAS	G225X - G270X - G325X ...EO	
GAS	H455A - H630A - H685A ...EO	
GAS	H365X - H440X - H500X ...EO	
GAS	R512A - R515A - R520A - R525A ...EO	
GAS	K750A - K890A - K990A ...EO	
GAS	K590X - K660X - K750X ...EO	
GAS	R1025 - R1030 - R1040 ...EO	
GAS	N1060A - N1300A ...EO	
GAS	N880X - N925X - N1060X ...EO	
GAS	R2050 - R2060 - R2080 ...EO	
GAS	RX2050R - RX2050 - RX2060 - RX2080 ...EO	
LIGHT OIL	RG91 - RG92 - RG93 ...EO	
LIGHT OIL	RG510 - RG515 - RG520 - RG525 ...EO	
LIGHT OIL	RG1030 - RG1040 ...EO	
LIGHT OIL	RG2050 - RG2060 - RG2080 ...EO	

Version EO (Novanta, Cinquecento, Mille, Duemila)



LMV 52...



AZL 5



SQM4...



SQM4...



SQM4...



O₂ PROBE...

Electronically operated burners complete with O₂ trim without inverter ****
With oxygen probe

Series	Burner Type	Extra charge €
DUAL FUEL GAS/LIGHT OIL	HR91A - HR92A - HR93A ...EO	
DUAL FUEL GAS/LIGHT OIL	HRX92R - HRX92.1 ...EO	
DUAL FUEL GAS/LIGHT OIL	G258A - G335A - G380A - G400A ..EO	
DUAL FUEL GAS/LIGHT OIL	G225X - G270X - G325X ...EO	
DUAL FUEL GAS/LIGHT OIL	H455A - H630A - H685A ...EO	
DUAL FUEL GAS/LIGHT OIL	H365X - H440X - H500X ...EO	
DUAL FUEL GAS/LIGHT OIL	HR512A - HR515A - HR520A - HR525A ...EO	
DUAL FUEL GAS/LIGHT OIL	K750A - K890A -K990A ...EO	
DUAL FUEL GAS/LIGHT OIL	K590X - K660X - K750X ...EO	
DUAL FUEL GAS/LIGHT OIL	HR1025 - HR1030 - H R1040 ...EO	
DUAL FUEL GAS/LIGHT OIL	N1060A- N1300A ...EO	
DUAL FUEL GAS/LIGHT OIL	N880X - N925X - N1060X ...EO	
DUAL FUEL GAS/LIGHT OIL	HR2050 - HR2060 - HR2080 ...EO	
DUAL FUEL GAS/LIGHT OIL	HRX2050R - HRX2050 - HRX2060 - HRX2080 ...EO	
DUAL FUEL GAS/HEAVY OIL****	KP91 - KP92 - KP93 ...EO	
DUAL FUEL GAS/HEAVY OIL****	KR512 - KR515 - KR520 - KR525 ...EO	
DUAL FUEL GAS/HEAVY OIL****	KR1025 - KR1030..DN65 - KR1030 - KR1040 ...EO	
DUAL FUEL GAS/HEAVY OIL****	KRBY1025 - KRBY1030 - KRBY1040 ...EO	
DUAL FUEL GAS/HEAVY OIL****	KRBY2050 - KRBY2060 - KRBY2080 ...EO	

**** The O₂ trim can be performed only when working with gas.

BURNERS WITH LMV 5... Micro Processor

Version EI (Novanta, Cinquecento, Mille, Duemila)



LMV 51.300



AZL 5



SQM4...



SQM4...



INVERTER

Electronically operated burners complete with inverter without O₂ trim

Series	Burner Type	Extra charge €
GAS	R91A - R92A - R93A ...EI	
GAS	RX92R - RX92.1 ...EI	
GAS	G258A - G335A - G380A - G400A ...EI	
GAS	G225X - G270X - G325X ...EI	
GAS	H455A - H630A - H685A ...EI	
GAS	H365X - H440X - H500X ...EI	
GAS	R512A - R515A - R520A - R525A ...EI	
GAS	K750A - K890A -K990A ...EI	
GAS	K590X - K660X - K750X ...EI	
GAS	R1025 -R1030 - R1040 ...EI	
GAS	N1060A- N1300A ...EI	
GAS	N880X - N925X - N1060X ...EI	
GAS	R2050 - R2060 - R2080 ...EI	
GAS	RX2050R - RX2050 - RX2060 - RX2080 ...EI	
LIGHT OIL	RG91 - RG92 - RG93 ...EI	
LIGHT OIL	RG510 - RG515 - RG520 - RG525 ...EI	
LIGHT OIL	RG1030 - RG1040 ...EI	
LIGHT OIL	RG2050 - RG2060 - RG2080 ...EI	
HEAVY OIL	PN91 - PN92 - PN93 ...EI	
HEAVY OIL	PBY90 - PBY91 - PBY92 - PBY93 ...EI	
HEAVY OIL	RN510 - RN515 - RN520 - RN525 ...EI	
HEAVY OIL	RBY510 - RBY515 - RBY520 - RBY525 ...EI	
HEAVY OIL	RN1030 - RN1040 ...EI	
HEAVY OIL	RBY1025 - RBY1030 - RBY1040 ...EI	
HEAVY OIL	RN2050 - RN2060 - RN2080 ...EI	
HEAVY OIL	RBY2050 - RBY2060 - RBY2080 ...EI	

Version EI (Novanta, Cinquecento, Mille, Duemila)



LMV 51.300



AZL 5



SQM4...



SQM4...



SQM4...



INVERTER

Electronically operated burners complete with inverter without O₂ trim

Series	Burner Type	Extra charge €
DUAL FUEL GAS/LIGHT OIL	HR91A - HR92A - HR93A ...EI	
DUAL FUEL GAS/LIGHT OIL	HRX92R - HRX92.1 ...EI	
DUAL FUEL GAS/LIGHT OIL	G258A - G335A - G380A - G400A ...EI	
DUAL FUEL GAS/LIGHT OIL	G225X - G270X - G325X ...EI	
DUAL FUEL GAS/LIGHT OIL	H455A - H630A - H685A ...EI	
DUAL FUEL GAS/LIGHT OIL	H365X - H440X - H500X ...EI	
DUAL FUEL GAS/LIGHT OIL	HR512A - HR515A - HR520A - HR525A ...EI	
DUAL FUEL GAS/LIGHT OIL	K750A - K890A -K990A ...EI	
DUAL FUEL GAS/LIGHT OIL	K590X - K660X - K750X ...EI	
DUAL FUEL GAS/LIGHT OIL	HR1025 - HR1030 - H R1040 ...EI	
DUAL FUEL GAS/LIGHT OIL	N1060A- N1300A ...EI	
DUAL FUEL GAS/LIGHT OIL	N880X - N925X - N1060X ...EI	
DUAL FUEL GAS/LIGHT OIL	HR2050 - HR2060 - HR2080 ...EI	
DUAL FUEL GAS/LIGHT OIL	HRX2050R - HRX2050 - HRX2060 - HRX2080 ...EI	
DUAL FUEL GAS/HEAVY OIL	KP91 - KP92 - KP93 ...EI	
DUAL FUEL GAS/HEAVY OIL	KR512 - KR515 - KR520 - KR525 ...EI	
DUAL FUEL GAS/HEAVY OIL	KR1025 - KR1030..DN65 - KR1030 - KR1040 ...EI	
DUAL FUEL GAS/HEAVY OIL	KRBY1025 - KRBY1030 - KRBY1040 ...EI	
DUAL FUEL GAS/HEAVY OIL	KRBY2050 - KRBY2060 - KRBY2080 ...EI	

BURNERS WITH LMV 5... Micro Processor

Version EK (Novanta, Cinquecento, Mille, Duemila)



LMV 52...



AZL 5



SQM4...



SQM4...



O₂ PROBE...



INVERTER

Electronically operated burners complete with inverter and O₂ trim With oxygen probe

Series	Burner Type	Extra charge €
GAS	R91A - R92A - R93A ...EK	
GAS	RX92R - RX92.1 ...EK	
GAS	G258A - G335A - G380A - G400A ...EK	
GAS	G225X - G270X - G325X ...EK	
GAS	H455A - H630A - H685A ...EK	
GAS	H365X - H440X - H500X ...EK	
GAS	R512A - R515A - R520A - R525A ...EK	
GAS	K750A - K890A - K990A ...EK	
GAS	K590X - K660X - K750X ...EK	
GAS	R1025 - R1030 - R1040 ...EK	
GAS	N1060A - N1300A ...EK	
GAS	N880X - N925X - N1060X ...EK	
GAS	R2050 - R2060 - R2080 ...EK	
GAS	RX2050R - RX2050 - RX2060 - RX2080 ...EK	
GAS	RX2050R - RX2050.1 - RX2060 - RX2080 ...EK	
GAS	RX2050R - RX2050.1 - RX2060 - RX2080 ...EK	
LIGHT OIL	RG91 - RG92 - RG93 ...EK	
LIGHT OIL	RG510 - RG515 - RG520 - RG525 ...EK	
LIGHT OIL	RG1030 - RG1040 ...EK	
LIGHT OIL	RG2050 - RG2060 - RG2080 ...EK	

Version EK (Novanta, Cinquecento, Mille, Duemila)



LMV 52...



AZL 5



SQM4...



SQM4...



SQM4...



O₂ PROBE...



INVERTER

Electronically operated burners complete with inverter and O₂ trim**** With oxygen probe

Series	Burner Type	Extra charge €
DUAL FUEL GAS/LIGHT OIL	HR91A - HR92A - HR93A ...EK	
DUAL FUEL GAS/LIGHT OIL	HRX92R - HRX92.1 ...EK	
DUAL FUEL GAS/LIGHT OIL	G258A - G335A - G380A - G400A ...EK	
DUAL FUEL GAS/LIGHT OIL	G225X - G270X - G325X ...EK	
DUAL FUEL GAS/LIGHT OIL	H455A - H630A - H685A ...EK	
DUAL FUEL GAS/LIGHT OIL	H365X - H440X - H500X ...EK	
DUAL FUEL GAS/LIGHT OIL	HR512A - HR515A - HR520A - HR525A ...EK	
DUAL FUEL GAS/LIGHT OIL	K750A - K890A - K990A ...EK	
DUAL FUEL GAS/LIGHT OIL	K590X - K660X - K750X ...EK	
DUAL FUEL GAS/LIGHT OIL	HR1025 - HR1030 - H R1040 ...EK	
DUAL FUEL GAS/LIGHT OIL	N1060A- N1300A ...EK	
DUAL FUEL GAS/LIGHT OIL	N1060X -N1300X ...EK	
DUAL FUEL GAS/LIGHT OIL	HR2050 - HR2060 - HR2080 ...EK	
DUAL FUEL GAS/LIGHT OIL	HRX2050R - HRX2050 - HRX2060 - HRX2080 ...EK	
DUAL FUEL GAS/HEAVY OIL****	KP91 - KP92 - KP93 ...EK	
DUAL FUEL GAS/HEAVY OIL****	KR512 - KR515 - KR520 - KR525 ...EK	
DUAL FUEL GAS/HEAVY OIL****	KR1025 - KR1030..DN65 - KR1030 - KR1040 ...EK	
DUAL FUEL GAS/HEAVY OIL****	KRBY1025 - KRBY1030 - KRBY1040 ...EK	
DUAL FUEL GAS/HEAVY OIL****	KRBY2050 - KRBY2060 - KRBY2080 ...EK	

**** The O₂ trim can be performed only when working with gas