

elco



VECTRON

VG1.105 E



INNOVATION

Since its foundation in 1928, ELCO has always been a specialist in burners conception and manufacturing. By linking a strong innovative ability to a continued developing drive, ELCO has designed high performing and reliable burners as well as corresponding services throughout the years, and is today one of the leaders in the field of combustion technology.



RESEARCH AND DEVELOPMENT

ELCO always looks for the best technologies and continues to develop new ones to improve the efficiency of its solutions.

Our R&D Laboratories are committed to develop innovative technological solutions allowing to:

- optimise the running of the installations lowering costs;
- offer service friendly products easy to maintain;
- preserve the environment lowering acoustic and pollutant emissions.



OUR PRODUCT RANGE

Our experience at combustion technology available in a complete range of burners from 11 kW to 80 MW:



VECTRON
11 - 2300 kW

PROTRON
17 - 550 kW

NEXTRON
250 - 11200 kW

EK EVO
250 - 13500 kW

N
1300 - 22000 kW

CUTTING-EDGE BURNERS FOR HEATING AND INDUSTRIAL APPLICATIONS

KNOW-HOW

Your contacts at ELCO and its partners are recognised experts with years of experience. Our worldwide support starts from concept creation to planning, design and project management up to commissioning and on-going operation of the plant throughout its life cycle. As an ELCO customer, you can rely on your installation to perform reliably. Our guarantee is backed up by a service that sets standards in our field.



WORLDWIDE NETWORK

Capitalising on more than 90 years of work experience, ELCO has been capable to build up loyal partnerships and today can count on reliable Partners all over the World. Combining an instinctively global perspective with a genuinely multicultural approach ELCO today offers you skilled and experienced experts available in more than 70 Countries.

In Europe

3 production plants

6 commercial branches

Strong commercial presence through a network of reliable dealers and partners

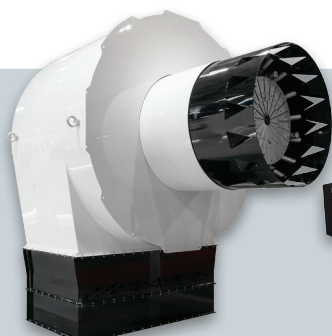
Worldwide

2 Sales Offices in Russia and China

Distribution in over 70 Countries



HO/GHO-TRON
68 - 17000 kW



RPD
500 - 80000 kW



EK-DUO
600 - 16000 kW



D-TRON
230 - 34000 kW

MONOBLOCK

VECTRON

ErP 



Monoblock burners from 11 kW to 2300 kW in gas, light oil, biofuel and dual fuel

- The characteristic cubic type architecture allows optimal accessibility and compactness to all models, simplifying all the installation and maintenance activities
- Low NOx emissions versions are available and capable not only to respect but also to exceed the requirements of the most stringent European directives



NATURAL



DUAL FUEL



LIGHT OIL



BIOFUEL

All VECTRON burners feature:

- Complete electrical equipment in the body of the burner with MDE2 System and display giving real-time information during the commissioning, the operation and at each operation cycle
- Quiet ventilation and reduced electrical consumption
- Maintenance operation are simplified: the combustion parts can be quickly removed, easily cleaned and easily get back to their position after all the servicing work
- Products are in compliance with EN676 and EN267 European standards and with the following directives: 2016/426/EU Gas Appliances Directive, 2014/30/EU EMC Directive, 2014/35/EU Low Voltage Directive, 2006/42/EC Efficiency Directive, 2011/65/EU RoHS2 Directive

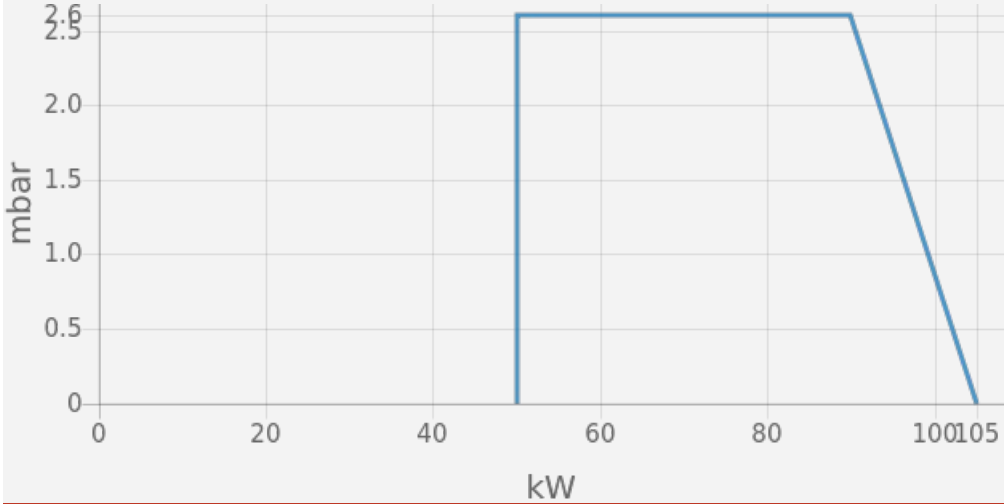
VECTRON _ VG1.105 E



- Operation: one stage;
- Emission class: Low NOx class 5 according to EN676, ErP compliant;
- Integrated tightness control



WORKING DIAGRAM



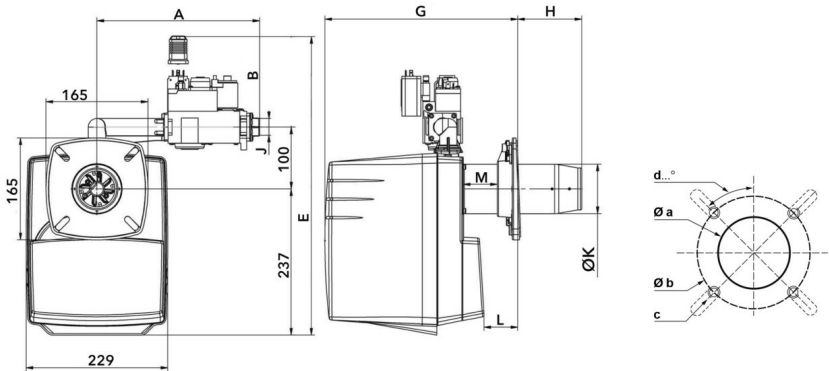
TECHNICAL DATA

Minimum power output (kW)	50
Maximum power output (kW)	105
Minimum gas pressure (mbar)	20
Maximum gas pressure (mbar)	360
Fan motor (kW)	0.085
Protection level	IP21

OTHER AVAILABLE CONFIGURATIONS

- 60 Hz version;
- Versions for continuous ventilation and post-ventilation

OVERALL DIMENSIONS



A	B	E	G	H	J	K	L	M	Øa	Øb	c	d
282	140	477	KN: 300...355 / KL: 300...390	KN: 70...138 / KL: 70...228	Rp3/4"	90	15...83	52	95-104	150-170	M8	45°

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