



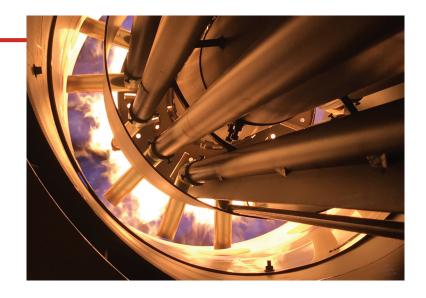
VECTRON

VGL4.460 DP



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.

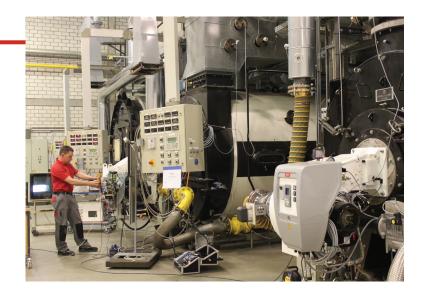


RESEARCH AND DEVELOPMENT

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



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

- The carachteristic cubic type architecture allows optimal accessibility and compactness to all models, simplifing 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

DUAL FUEL LIGHT OIL BIOFUEL

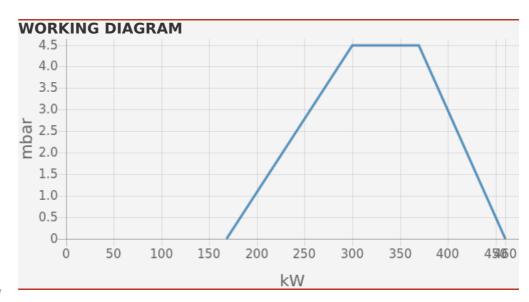
All VECTRON burners feature:

- 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

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- Operation: two stages progressive/modulating pneumatic in gas / two stages in oil;
- Emission class: Low NOx class 3 in gas (<80 mg/kWh) according to EN676, Low NOx class 2 in light oil (<185 mg/kWh) according to EN267









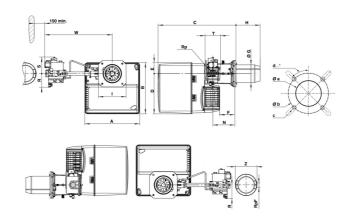
TECHNICAL DATA

Minimum power output (kW)	168
Maximum power output (kW)	460
Minimum gas pressure (mbar)	20
Maximum gas pressure (mbar)	300
Fan motor (kW)	0.42
Protection level	IP41

OTHER AVAILABLE CONFIGURATIONS

• Versions for continuous ventilation and post-ventilation

OVERALL DIMENSIONS



A	В	С	D	E	F	G	н	1	N	Øa	Øb	c	d
465	475	640	377	97	149	150	KN: 220 / KL: 360	245	195	180-240	200-270	M10	45°

Subsidiaries ELCO

GERMANY

ELCO GmbH Dreieichstraße 10 Mörfelden-Walldorf Tel.: +49 (0) 6105 287-287 Fax: +49 (0) 6105 287-199

SWITZERLAND

Sarganserstrasse 100 7324 Vilters Tel. +41 (0)81 725 25 25 Fax +41 (0)81 723 13 59

Elcotherm AG

AUSTRIA

NETHERLANDS

Elco Burners B.V.

Meerpaalweg, 1

1332 BB Almere

P.O. box 30048

1303 AA Almere Tel. +31 088 69 573 11 Fax +31 088 69 573 90

ELCO Austria GmbH Aredstraße 16 - 18 2544 Leobersdorf Tel. +43 (0)2256 639 99 32 Fax +43 (0)2256 644 11

FRANCE

14, rue du Saule Trapu Parc d'activité du Moulin 91882 Massy Tel. +33 01 60 13 64 64 Fax +33 01 60 13 64 65

ITALY

Via Roma, 64 31023 Resana (TV) Tel. +39 0423 719500 Fax +39 0423 719580

UK & IRELAND

Ariston Thermo UK Ltd
Suite 3, The Crown House
Blackpole East, Blackpole Road,
Worcester WR3 8SG
Tel. +44 01905 788010
Fax +44 01905 788011

RUSSIA

Ariston Thermo RUS
Eniseyskaya str. 1, bld 1,
Office Center "LIRA" #438
129344 Moscow
Tel. +7 495 213 0300 #5700
Fax +7 495 213 0302

CHINA

Ariston Thermo (China) Co., Ltd. F/15, V-Capital Bldg
No. 333 Xian Xia Road
200336 Shanghai
Tel. +86 21 6039 8691
Fax +86 21 6039 8620

Contact us to know more about our products and solutions

www.elco-burners.com contact@elco-burners.com