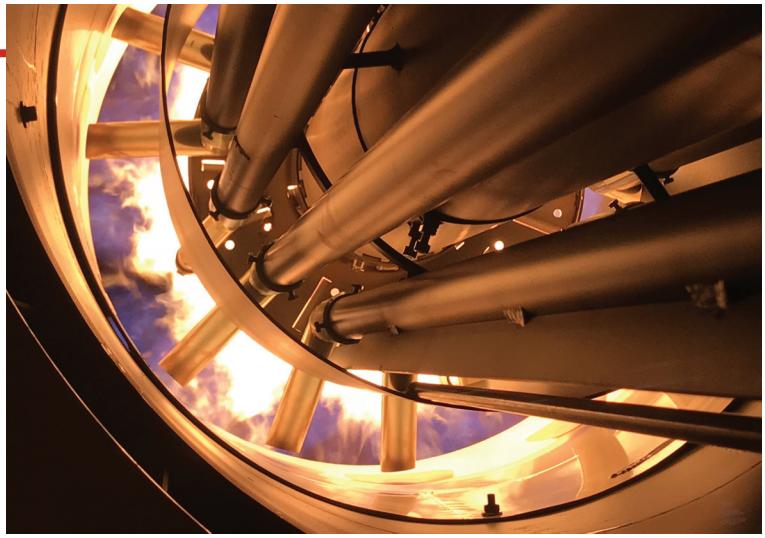
EK-DUO

EK-DUO 4.1600 G-E

INNOVATION

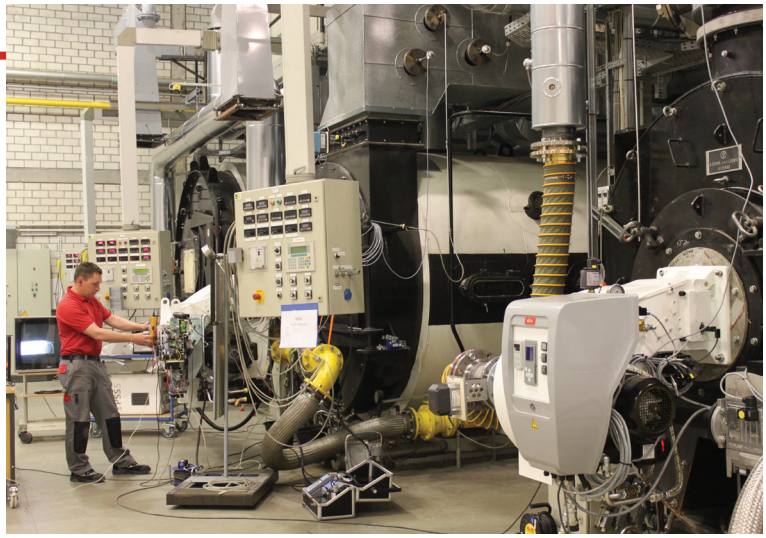
Since its foundation in 1928, ELCO has always been a specialist in burners conception and manufacturing. By linking a strong innovative ability to a continued developing drive, ELCO has designed high performing and reliable burners as well as corresponding services throughout the years, and is today 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	PROTRON	NEXTRON	EK EVO	N
11 - 2300 kW	17 - 550 kW	250 - 11200 kW	250 - 13500 kW	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.



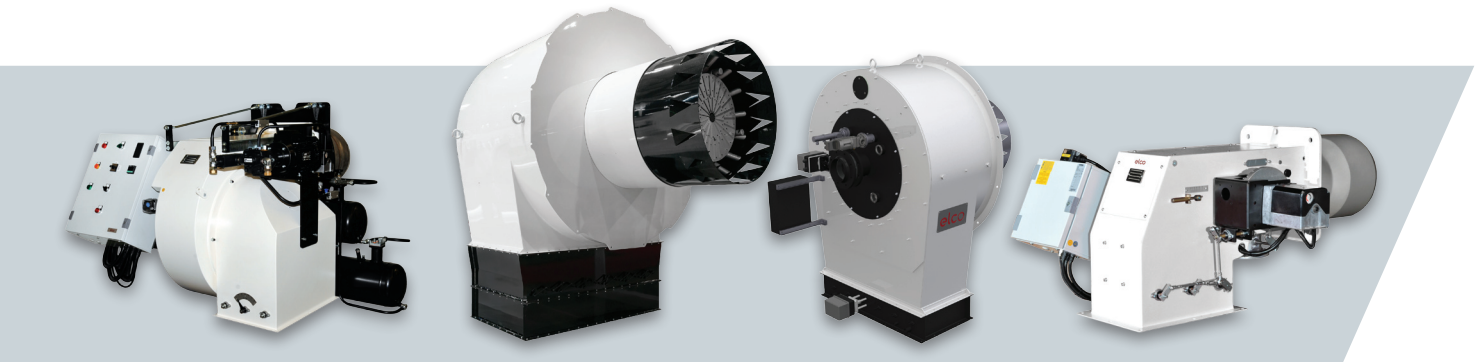
WORLDWIDE NETWORK

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

DUOBLOCK

EK-DUO



Duoblock burners from 600 kW to 16000 kW in gas, light oil and dual fuel

- The EK-DUO models are high-performance burners offering well-engineered duoblock technology at an affordable price
- These burners are predominantly used to burn standard fuels, i.e. domestic light oil and natural gas, and used in shell boilers, water tube boilers and thermal oil boilers.
- The separate fan installation of the burner allows to overcome high combustion chamber resistance

NATURAL

DUAL FUEL

LIGHT OIL

All EK-DUO burners feature:

- flame tube length according to installation requirements
- secured burner head adjustments during maintenance
- closing of the air damper on burner shutdown
- built-in or external control box according to customer requirements
- 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

EK-DUO _ EK-DUO 4.1600 G-E



WORKING DIAGRAM

- Operation: two stage progressive/modulating electronic

TECHNICAL DATA

Minimum power output (kW)	2000
Maximum power output (kW)	16000

OVERALL DIMENSIONS

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