



**RPD**

**RPD 100 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**  
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

# DUOBLOCK

# RPD



## Duoblock burners from 500 kW to 80000 kW in gas, light oil, heavy oil and dual fuel

- Thanks to their extreme flexibility, RPD burners are suitable for almost any firing-related task
- All RPD models are fitted with adjustable air deflector plates, which can be used to swirl the combustion air flowing; the flame configuration can hereby be directly influenced according to the geometry of the combustion chamber, while the combustion head features optimized internal geometry to reduce head loss and the power demand of the fan motor

 **NATURAL**

 **DUAL FUEL**

 **LIGHT OIL**

 **HEAVY OIL**

 **DUAL FUEL**

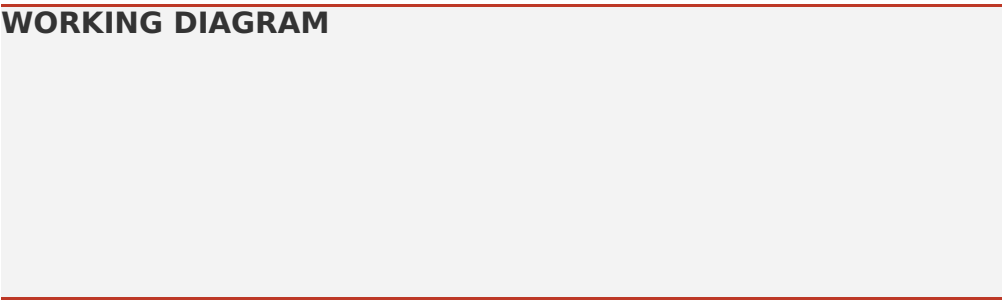
### All RPD burners feature:

- air/gas ratio with Etamatic digital control box or with mechanical compound
- adjustable flame length with air registers
- flame tube length according to installation
- 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

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## WORKING DIAGRAM



- Operation: two stage  
progressive/modulating electronic

## TECHNICAL DATA

Minimum power output (kW)	7000
Maximum power output (kW)	45000

## OVERALL DIMENSIONS

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