

# elco



## **GHO-TRON**

### **GHO-TRON 5.5800 R**



## 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

# GHO-TRON



## Monoblock burners from 414 kW to 17000 kW dual fuel (gas/heavy oil)

 DUAL FUEL

- ELCO dual fuel GHO-TRON burners are suitable to work with natural gas or heavy oil up to 50°E at 50°C and are available in two stages and progressive version with electrical servomotor and double adjustable mechanical cam that allows air gas/heavy oil fine tuning

- Configured and special versions are available on request for selected type of applications and fuel characteristics

### All GHO-TRON burners feature:

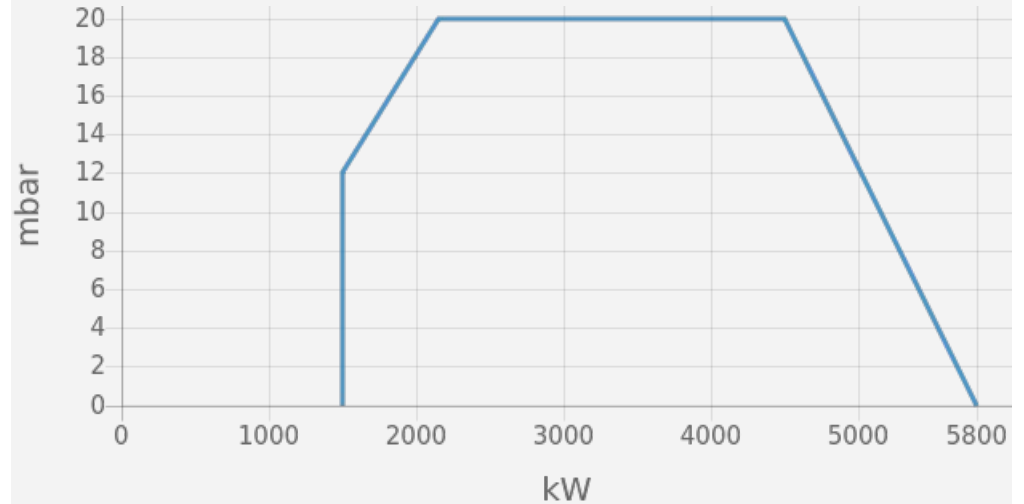
- separated motor-pump on board
- electrical heavy oil heater (oil supply to the burner at 80°C and 3 bar)
- additional heating on the pipes and the valves, into the pump and the nozzle holder
- closing of the air flap on burner shut-down
- complete electrical equipment in a switch cabinet mounted on the burner with control panel
- 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

# GHO-TRON \_ GHO-TRON 5.5800 R



- Operation: two stage progressive/modulating mechanical;
- Emission class: Low NOx class 2 (<120 mg/kWh) according to EN676 in gas

## WORKING DIAGRAM



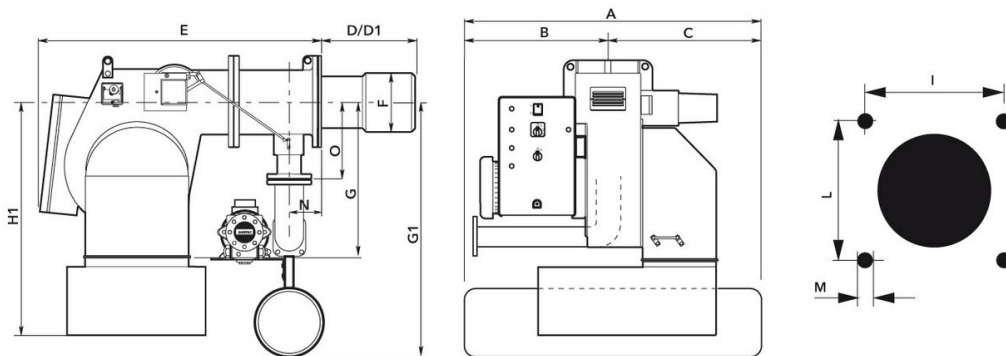
## TECHNICAL DATA

|                             |      |
|-----------------------------|------|
| Minimum power output (kW)   | 1500 |
| Maximum power output (kW)   | 5800 |
| Minimum gas pressure (mbar) | 50   |
| Maximum gas pressure (mbar) | 700  |
| Fan motor (kW)              | 15   |
| Protection level            | IP42 |

## OTHER AVAILABLE CONFIGURATIONS

- Continuous ventilation;
- High temperature;
- High viscosity suitable for 118 cSt (15°E) at 80°C

## OVERALL DIMENSIONS



| A    | B   | C   | D   | D1  | E    | F   | G   | G1  | H1  | I   | L   | M   | N   | O   |
|------|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1358 | 680 | 678 | 354 | 554 | 1230 | 320 | 570 | 775 | 965 | 330 | 330 | M16 | 195 | 250 |

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