



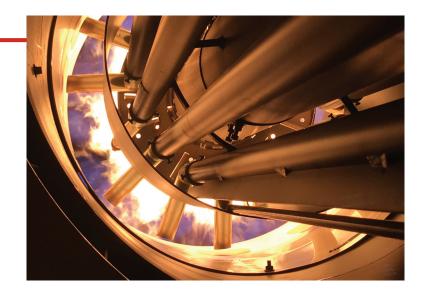
**EK EVO** 

EK EVO 9.10400 G-EU3



### **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.

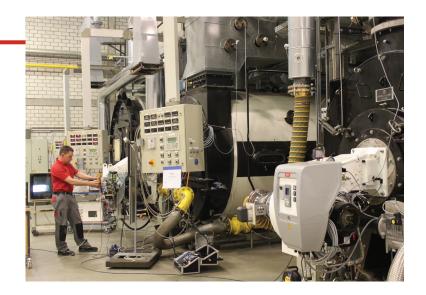


# **RESEARCH AND DEVELOPMENT**

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**

# **EK EVO**



# Monoblock burners from 250 kW to 13500 kW in gas, light oil and dual fuel

- The design of the EK EVO is the result of a successful synergy between ELCO key features and essential design. Professionals will appreciate the flexibility of a  $180^\circ$  orientable air inlet, the compact switch box and the easy to clean glossy paint
- All EK EVO models are fully electronically controlled and they are equipped with the exclusive ELCO man-machine interface allowing simple and effective programming operations

NATURAL								
<u>*</u>	DUAL FUEL							

LIGHT OIL

# All EK EVO burners feature:

- integrated switch cabinet (ISC System) with modular concept complete for an easy installation with: BT300 control box, fan motor direct start-up, enumerated connection terminals, three-phase electrical power supply (available as options: power regulator, speed controller, O2/CO regulator and BUS interface)
- innovative design allowing easy access to burner components for fast start-up and reduced maintenance time and space
- orientable air intake box
- products are in compliance with EN676 and EN267 European standards and with the following directives: 2014/35/EU Low Voltage Directive, 2014/30/UE EMC Directive, 2016/426/UE Gas Appliances Directive, 2006/42/EC Machinery Directive, 2011/65/EU RoHS2 Directive

# **EK EVO** \_ **EK EVO** 9.10400 **G-EU3**

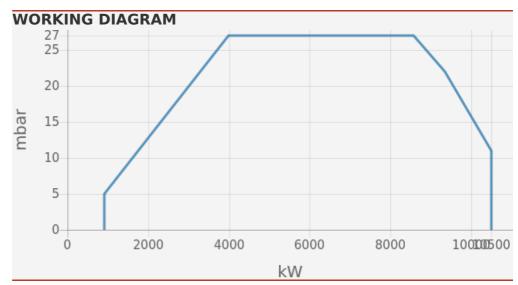


- Operation: two stage progressive/modulating electronic;
- Emission class: Low NOx class 3 (<80 mg/kWh) according to EN676</li>









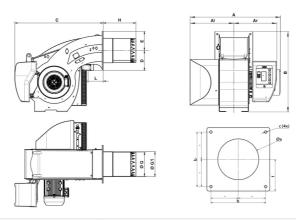
# **TECHNICAL DATA**

Minimum power output (kW)	900		
Maximum power output (kW)	10500		
Minimum gas pressure (mbar)	80		
Maximum gas pressure (mbar)	500		
Fan motor (kW)	22		
Protection level	IP41		

# **OTHER AVAILABLE CONFIGURATIONS**

o Permanent ventilation;
• 60 Hz version;
o Remote display;
• LPG firing;
Hinge flange

# **OVERALL DIMENSIONS**



Al	Ar	Α	В	С	D	E	G	G1	Н	L	Øa	b	C	f
670	653	1401	1291	1350	332	293	432	439	KN: 550 / KM: 700 / KL: 850	230	460-480	505	M20	293

# **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