

EK 6/7/8/9...G



FEATURES :

- forced draught, modulating gas burner
- monobloc structure
- fastening clip with seal and nuts and bolts
- housing with left- or right-hand side opening clamp
- adjustable, removable combustion head
- air suction adjusted using a damper with closure upon shut-down
- air pressure switch
- mechanical, point-by-point adjustable air-gas system
- can be connected to a gas pipe on the right- or left-hand side
- electrical cabling with numbered terminals for connection to a cabinet (comes separately)
- ignition transformer
- 2800 rpm motor
- three-phase 400 V 50 Hz power supply
- LFL1 ... or LGK16 safety and control box
- flame control using a UV cell

1000 to 11000 kW

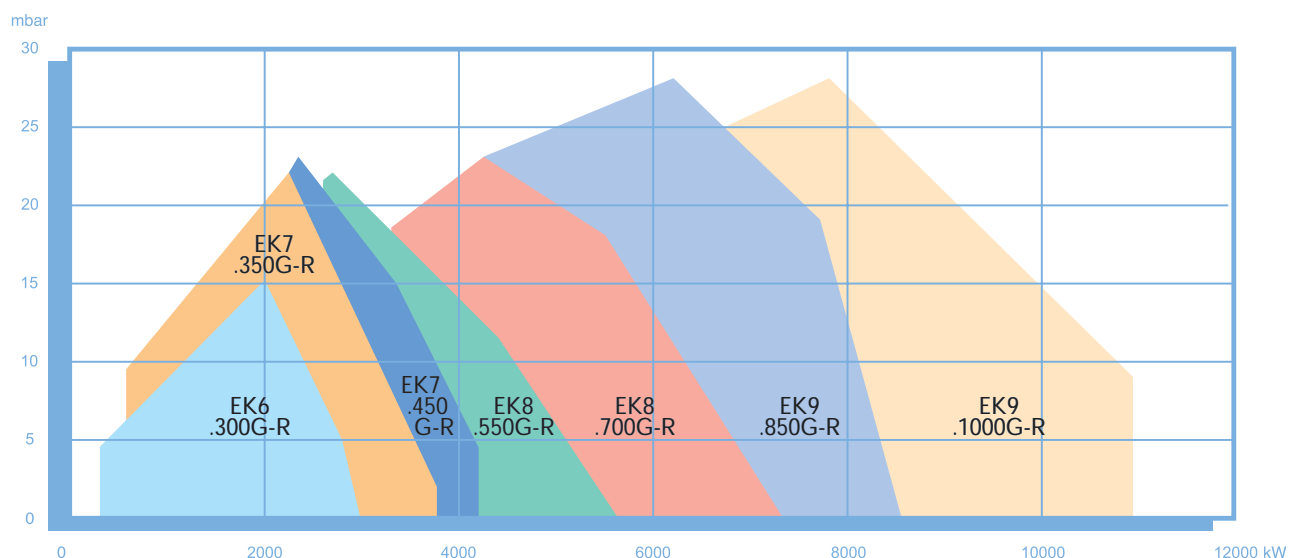
ELCO burners in the EK6/7/8/9 range are fully automated blown-air burners.

They meet the applicable requirements of EN676 standards.

Using the air flow rate and speed adjustment devices, EK 6/7/8/9 ... series burners can be adapted to any heating equipment.

The EK6/7/8/9 range includes the various modes of control and operation types matching most applications.

Dual-fuel models are also available.



ELCO EK 6/7/8/9...G

OPERATING MODES

Available types of operation:

MODULATING

Possibility of control at any point between minimum and maximum capacity of burner according to the demand of boiler. The gas flow rate is adjusted to the boiler control demand, using a butterfly valve driven by the air damper.

MODULATING LOW NOx

Modulating operating mode with reduction of nitrogen oxide emissions into the atmosphere using a combustion head fitted with delta-shaped re-circulation system.

EK 6/7/8/9...G PROGRAMME

Type	Power range kW	Operating mode	Penetration mm	Head diameter mm
EK6.300 G-R	300 - 2990	Modulating	250	280
EK6.300 G-RU2	512 - 2800	Modulating low NOx	460	280
EK7.350 G-R	585 - 3760	Modulating	270	350
EK7.450 G-R	554 - 4200	Modulating	270	350
EK7.350 G-RU2	615 - 3490	Modulating low NOx	530	350
EK7.450 G-RU2	585 - 4400	Modulating low NOx	530	350
EK8.550 G-R	727 - 5,330	Modulating	310	390
EK8.700 G-R	1140 - 6550	Modulating	310	390
EK8.550 G-RU2	727 - 5330	Modulating low NOx	500	390
EK8.700 G-RU2	1140 - 6550	Modulating low NOx	500	390
EK9.850 G-R	922 - 8550	Modulating	350	460
EK9.1000 G-R	1030 - 10900	Modulating	350	460
EK9.850 G-RU2	1050 - 7950	Modulating low NOx	550	460
EK9.1000 G-RU2	1310 - 10300	Modulating low NOx	550	460