



E01E...L

FEATURES :

- blown-air fuel-oil burner with mechanical atomization
 - monobloc structure with ground clearance limited to 200 mm
 - centered combustion tube, fastened on the front wall of the generator by a sliding clamp
 - ergonomic design allowing easy access to inner components
 - support plate of components made of synthetic material and removable for maintenance
 - adjustment of air flow by graduated knob acting on the travel of the air shutter on pressure side
 - closing of air shutter in stopping condition by return spring
 - fan characteristics adjustable at the level of the air inlet without removal
 - mounted hoses for fuel feed, 0.9 long with G3/8" adjustment couplings supplied
 - complete electrical wiring with connection by 7-pole plug
 - 2800 rpm motor
 - single phase power supply 230 V / 50 Hz / 0.7 A
 - electronic control for monitoring and security with warning light
 - quick removal of electronic control and ignition transformer
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- flame control by removable photoresistive cell
 - protective hood easy to remove through a single center screw

17 to 85 kW

ELCO burners in the E01E...L range are fully automated blown-air burners.

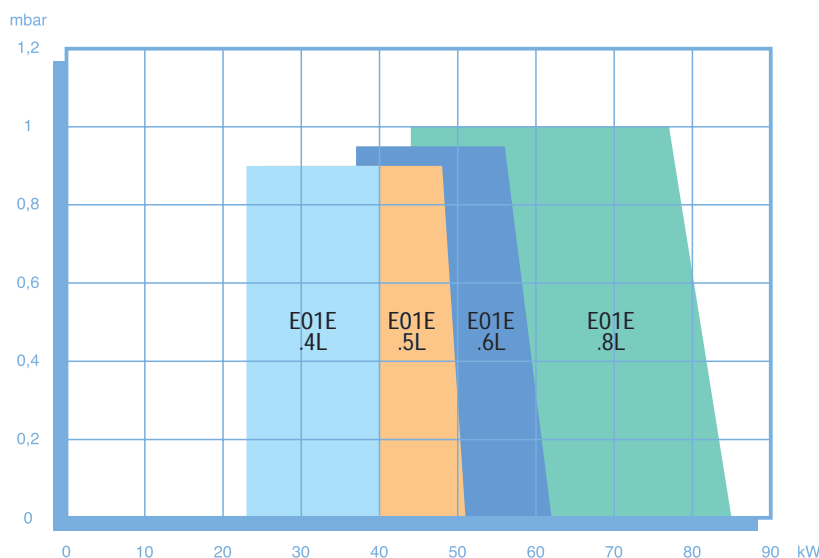
They meet the applicable requirements of EN267, EN60335, EN55014, EN55104 standards.

Burners in the E01E...L series fit all heating equipment, thanks to pressure adjustment and air flow devices.

E01E...L burners enjoy low-level noise, as a result of the optimized configuration of the ventilation and insulated hood.

Both the combustion elements and internal parts are easily accessible, without prior removal of the fuel piping, simply by turning round the support plate of the components.

The E01E...L range includes the various modes of operation types matching most applications.



ELCO E 0 1 E ... L

OPERATING MODES

Available types of operation:

1-STAGE STANDARD

On-off operation according to the demand of the boiler thermostat.

1-STAGE LOW NOx

Around 30% abatement of nitrogen oxides emissions to the atmosphere.

1-STAGE LOW NOx WITH NOZZLE ROD PRE-HEATING

Reliable operation at low capacity and abatement of nitrogen oxides emissions.

E 0 1 E ... L PROGRAMME

Type	Power range kW	Fuel flow rate kg/h	Operating mode	Penetration mm	Head diameter mm
E 01E.4 L	23 - 40	1.9 - 3.3	1-stage	40 - 85	80
E 01E.5 L	25 - 51	2.1 - 4.3	1-stage	40 - 145	80
E 01E.6 L	37 - 62	3.1 - 5.2	1-stage	40 - 145	90
E 01E.8 L	44 - 85	3.6 - 7.2	1-stage	40 - 145	90
E 01E.5 L-TH	17 - 46	1.4 - 3.9	1-stage low NOx with pre-heating	40 - 145	80
E 01E.8 L-T	35 - 75	3.0 - 6.4	1-stage low NOx	40 - 145	90