

# EkoCoal

## CAST IRON SOLID FUEL BOILERS.

### CONTROLS

- Thermostatic draft control that governs insertion of air under the grate.
- Secondary air control
- Flue draft control
- Boiler temperature thermometer



### MAIN CHARACTERISTICS

- High combustion performance
- Excellent resistance to corrosive agents
- Optimally designed combustion chamber for maximum fuel load

### PRINCIPLE OF OPERATION

Three burning stages:

#### ■ Stage1

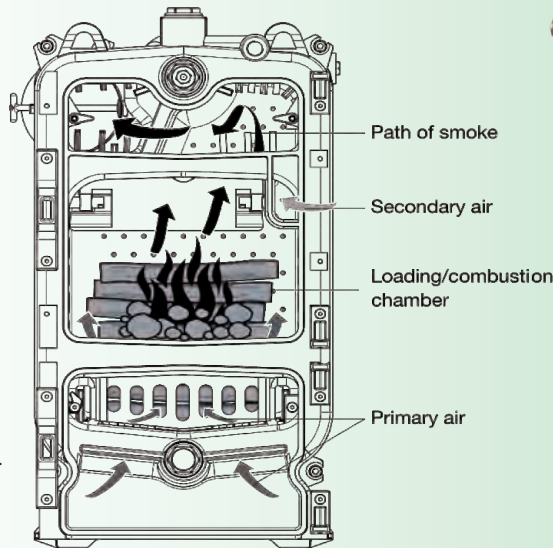
The combustion by-products are carried by a special passage in the rear element. In this area, very hot secondary air is inserted which allows for complete oxidation of the gases.

#### ■ Stage2

The gases from the rear element are sent to a wide-finned, self-cleaning zone, allowing entry into the third section.

#### ■ Stage3

The third section directs the smoke towards the flue with an adjustment shutter and a door for cleaning.



*Leading the Way to Clean, Efficient Heating*

Model	Number of elements	Nominal average thermal power kW (kBtu)	Dimensions of door W x H (inches)	Dimensions of chamber W x H x D (inches)	Volume of loading / combustion chamber (gallons)	Dimensions (inches)			Weight (lbs.)
						Height H	Width W	Depth D	
EkoCoal21	4	21 (72)	15 x 12	15 x 17 x 13.5	14.5	37.5	23.5	20.5	595
EkoCoal26	5	26 (89)	15 x 12	15 x 17 x 17.75	19	37.5	23.5	25	694
EkoCoal31	6	30 (102)	15 x 12	15 x 17 x 22	24	37.5	23.5	29	805
EkoCoal36	7	35 (120)	15 x 12	15 x 17 x 26	29	37.5	23.5	33.5	904



**New Horizon Corporation**

1-877-202-5070

(304)765-7171

[www.newhorizoncorp.com](http://www.newhorizoncorp.com)