

# NEW HORIZON CORP.

“LEADING THE WAY TO CLEAN, EFFICIENT HEATING”

## Cast Iron Boiler FD-42



FD 42 Cast Iron Boilers are intended for burning coal, wood and wooden briquettes. Boilers are assembled from high quality cast iron sections. For customers convenience the boilers door is enlarged for easy loading of large fuel pieces. Non-electric automatic draft controller and manually controlled secondary air combustion control, provide air for complete burning. FD Cast Iron Boilers are known for long service life even in low temperature operation. The boilers can be used for open or closed circulation heating systems.



### Fuel Type:

- Wood
- Coal

### FD 42 FEATURES:

- Modern design
- Long-life cast iron heat exchanger
- High efficiency 80%
- 5 year warranty
- High reliability of regulating and safety components
- Simple maintenance
- Enlarged combustion chamber

| Technical Parameters                                |                |
|-----------------------------------------------------|----------------|
| Segments                                            | 8              |
| Nominal Heat Output                                 | 144,000 Btu    |
| Minimum Heat Output                                 | 43,000 Btu     |
| Combustion Chamber Volume                           | 16 gallons     |
| Water Volume                                        | 9.5 gallons    |
| Maximum Overpressure                                | 25 PSI         |
| Weight                                              | 772 lbs        |
| Depth                                               | 34 inch        |
| Height                                              | 40 inch        |
| Width                                               | 19 inch        |
| Length of combustion chamber                        | 28 inch        |
| Width of combustion chamber                         | 12 inch        |
| Loading chamber dimensions (height x width x depth) | 9x 12x 28 inch |
| Flue size                                           | 6 inch         |
| Efficiency                                          | 78-80%         |
| Tested pressure                                     | 65 PSI         |
| C.H. water connection                               | 2 inch         |
| Drain Valve                                         | 1/2 inch       |



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