

For more information, please call/text us at: **0920-911-1398** or visit:
www.philrice.gov.ph | www.pinoyrkb.com | www.openacademy.ph

Carbonizer



OUTSTANDING FEATURES

- Lightweight, portable and easy to fabricate
- Easy to operate and requires less attention
- Efficient, economical and practically smokeless

SPECIFICATIONS

Materials used

- #24 GI sheet for chimney
- Used oil drum for ignition chamber

Performance tests

- | | |
|----------------------------------|------------------|
| ▪ Volume of rice husk: | 1585 L |
| ▪ Duration of carbonization: | 4 ~ 5 h |
| ▪ Volume of CRH: | 982 L |
| ▪ Thermal conversion efficiency: | 62% |
| ▪ Carbonization temperature: | 520 ~ 560 °C |
| ▪ Quality of CRH: | 98% dark-colored |
| ▪ Smoke reduction: | 80% |

PRICE: **Php 850.00** (as of September 2011)

Rice Engineering and Mechanization Division
Philippine Rice Research Institute
 Tel/Fax: (63-44) 456-0426, -0285, -0258, -0113 Local 308
 PhilRice Text Center: 0920-911-1398