The cyclonic husk furnace is used as a heat source for process air in grain drying systems. The TEO IV series produces heated air under environmentally-friendly conditions and eliminates the use of fossil fuels, such as diesel and natural gas. The TEO IV utilizes low-cost biomass solid fuel sources, such as rice and barley husk, as well as wheat and corn milling by-products. The husk furnace is a perfect complement for the SuperBrix fluid-bed and tower drying systems.

Environmentally-friendly heat generation in a controlled and low cost process!
Rice Husk Burner / Furnace
Cyclonic Furnace TEO IV Series

**NEW USEFUL PRODUCT**
The ash generated from the cyclonic furnace is a commercial product used in numerous industries such as fertilizers, cement production, ceramics, hydroponic crops and many other applications in current study.

**DRYING TIME REDUCTION**
When used in conjunction with SuperBrix SELF series fluid-bed dryers, significant reduction in drying time may be achieved.

**FUEL SAVINGS**
Utilizing biomass by-products as a fuel source, the requirement for fossil fuels may be significantly reduced or completely eliminated.

**DURABILITY**
Extremely heavy-duty design and high resistance materials translates into reliable performance and low maintenance costs.

**AUTOMATED SYSTEM**
The combustion system is automatically monitored and controlled to ensure safe operation and low operating cost.

* Capacity:
- TEO 1000 3.412 Btu/h
- TEO 1500 5.118 Btu/h
- TEO 2000 6.824 Btu/h
- TEO 3000 10.236 Btu/h

* Motor:
- TEO 1000 7.5 hp
- TEO 1500 10 hp
- TEO 2000 10 hp
- TEO 3000 15 hp

**Dimensions:**
- W x L x H (m)
  - TEO 1000 7.8 x 3.7 x 7.2
  - TEO 1500 8.16 x 4.4 x 8.29
  - TEO 2000 8.8 x 4.2 x 9.3
  - TEO 3000 9.2 x 5 x 10.6

*To obtain kcal/h divide by 3411