

FOUR-PASS CYCLOPOWER FIRE

4VT CYCLONE SERIES

FOUR-PASS ■ SPACE SAVING ■ TUBELESS

D TURBULENT FLAME

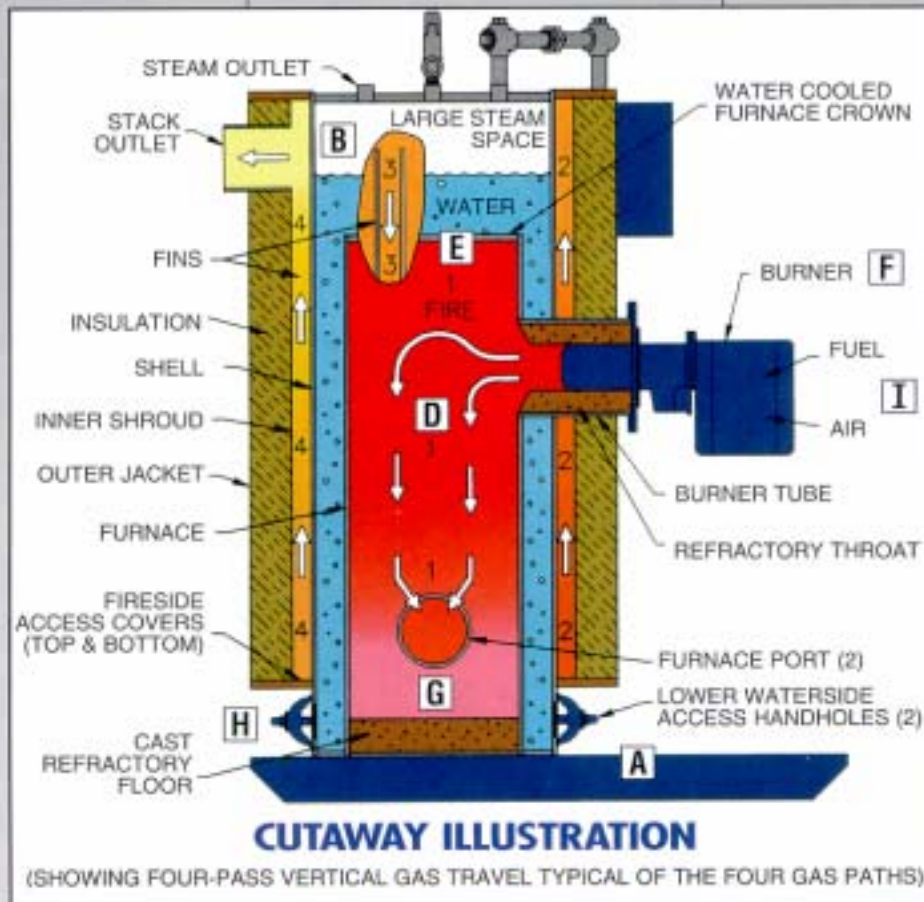
- Heat is forced down, with the fire whirling and spinning against its natural flow. This pattern enhances recirculation, mixing and heat transfer, driving more energy into the water for greater fuel-to-steam efficiency.

E RELIABILITY

- The furnace crown is water cooled, eliminating troublesome refractory breakdown inherent in units of inferior design.
- No fire tubes, water coils or "in the fire" mud rings to burn out.

F "EYE HIGH" BURNER

- No step ladder is needed to service.
- No bending over or sitting on the floor.
- The air intake is located in the center of the unit so dust is not pulled from the floor.



G DURABILITY

- Fire does not pass under the bottom mud ring, eliminating the blistering that occurs with other designs.
- Cooler furnace gases are located at the bottom of the vessel where scale is most likely to occur. Baking of scale is alleviated.

H EASIER SERVICE

- Fireside fin access in top and bottom.
- Access opening above feedwater inlet for easy cleaning.
- Thoughtfully engineered with the owner in mind.
- No heavy doors or covers to complicate service procedures.

I SAFETY

- Electrical components are located away from the floor, helping eliminate the possibility of water coming into contact with electricity.
- Boiler built to ASME Section 1, High Pressure Boiler Code.
- CSD-1 approved.
- Burner/Boiler UL Packaged.