

constructed as to generate the greatest amount of steam, the draught is up and down and up, by which the largest possible amount of heating surface is secured.

All the parts are cylindrical or circular, consequently can be made perfectly secure under any pressure required.

The circulation of the water within the boiler is perfect, holding all sediment in suspension so that the same may be blown from the surface, or by blowing off the boiler once a week under pressure, it can be kept perfectly clean. The Engine is built upon and secured to the Boiler; all parts are being turned and squared by lathes and planers, consequently all parts will fit properly, be in line and correctly placed one to the other, so that no one of the parts will be thrown out of adjustment by expansion.

The shaft is the farthest removed from the head as it should be, while the cylinder and its parts are kept hot by being immersed in the steam. All the adjustment is made before the Engine is placed on the Boiler.

There are no loose pieces within to become disarranged. Whenever necessary the Engine can readily be taken from the Boiler by simply unscrewing the holding down bolts. The piston can be taken out, or can be adjusted from the top without difficulty.

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