

How Important is Boiler Cleaning?

Soot can be robbing money from your checkbook.

A boiler's efficiency will drop by about 2.5% if only 3/100 of an inch of soot is deposited uniformly on boiler tubes. That is \$2500 per every \$100,000 spent.

If the soot accumulates to 1/10 of an inch you spend \$8,000.00 for the privilege of heating our atmosphere.

Soot happens, especially when fuel oil is burned. Therefore it is important to clean boilers regularly.

There are many means to clean soot ranging from simple hand brushes to vacuums with electric driven cleaning heads. But whatever device is used, it has to be able to contact the soot.

[That can't be done without drastic measures on some watertube boilers.](#)

Worse, the area where the soot cannot be cleaned is in the lowest temperature zone of the boiler - where clean natural gas firing does not burn it off as it does in the "hot" zones. Therefore the only way to clean the fuel-robbing soot is to remove tubes to be able to clean them.

Unilux watertube boilers do not suffer from that uncleanable feature built into some other designs.