



America's Boiler Company

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Subject: Flood Damaged Boilers

Many questions relating to flooded boilers and heating equipment arise whenever major flooding occurs. Burnham Commercial Customer Service Representatives and the Engineering group are often asked what should be done with a flood damaged boiler. It should be noted that flooded boilers present a number of potentially very serious safety issues including, but not limited to, the following items:

- Floodwater may enter a boiler and soften the insulation that surrounds the combustion chamber, causing it to collapse into the chamber. This causes a very serious safety issue, and under no circumstances should any boiler be operated in this condition.
- The silt and contaminants potentially contained in flood-water can be deposited inside boiler controls and safety limits affecting their accuracy and ability to operate. This also can be a very serious safety issue and under no circumstances should any boiler be operated in this condition.
- Floodwater can cause unseen damage to the boiler that may cause a safety issue or failure months or even years after the incident. Components that appear to be unaffected may have actually sustained damage.

Boilers that are subject to floodwaters or other damage as a result of natural disaster are not covered by Burnham Commercial's limited warranty. Replacing affected components in a flooded boiler leaves much to risk, in addition to being an expensive and difficult procedure. As a result, Burnham Commercial strongly recommends that any boiler that has been exposed to flood water be removed and replaced with a new boiler.

Do not operate your boiler if any components have been fully or partially submerged in water until the boiler has been inspected and all affected components or the boiler are replaced by a qualified heating contractor.

Please feel free to contact your local Burnham Commercial representative with any additional questions that you may have regarding this issue. Also when replacing a boiler, consider upgrading to a high efficiency boiler manufactured by Burnham Commercial for future energy savings.