

NANOflex

Novatherm PowerFlex series



The first
and only **NINE**
PASS Flexible
Watertube Boiler
Highest thermal
efficiency

 novatherm

- Lowest operating cost
- Reduced carbon foot print with lower CO₂ emissions
- Patented innovation

PATENTED TUBE PROFILES

allowing up to 9 gas passes maximizing energy transfer and boiler efficiency.

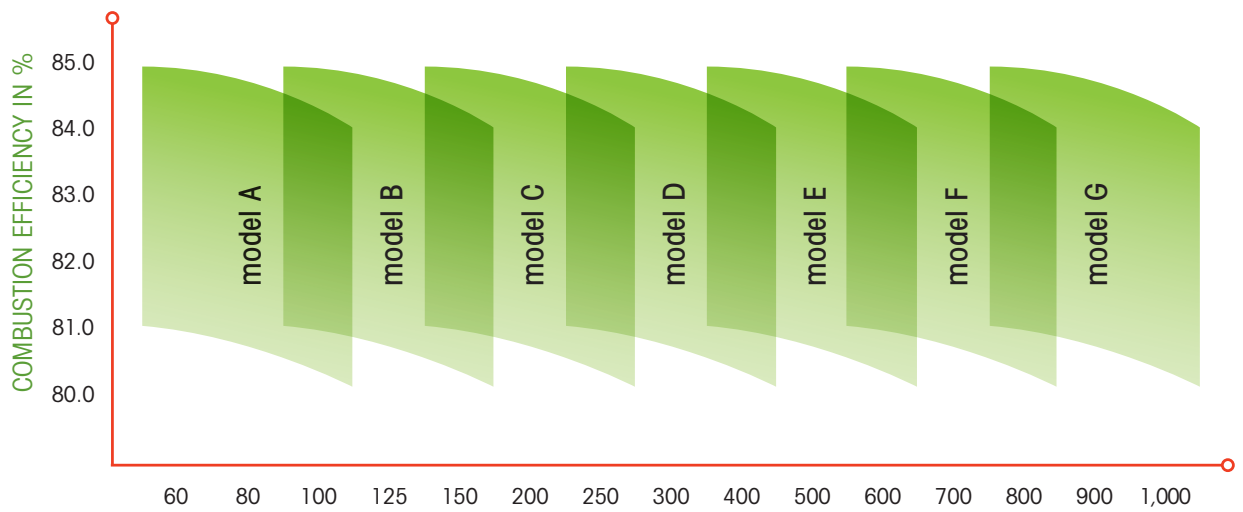
Large steam drum with steam separator producing exceptional steam quality of 99.5%.

Two large cold down comers provide better natural circulation preventing overheating and increasing boiler life expectancy.

Tangent tubes form baffle free gas passes improving ease of service and inspection.

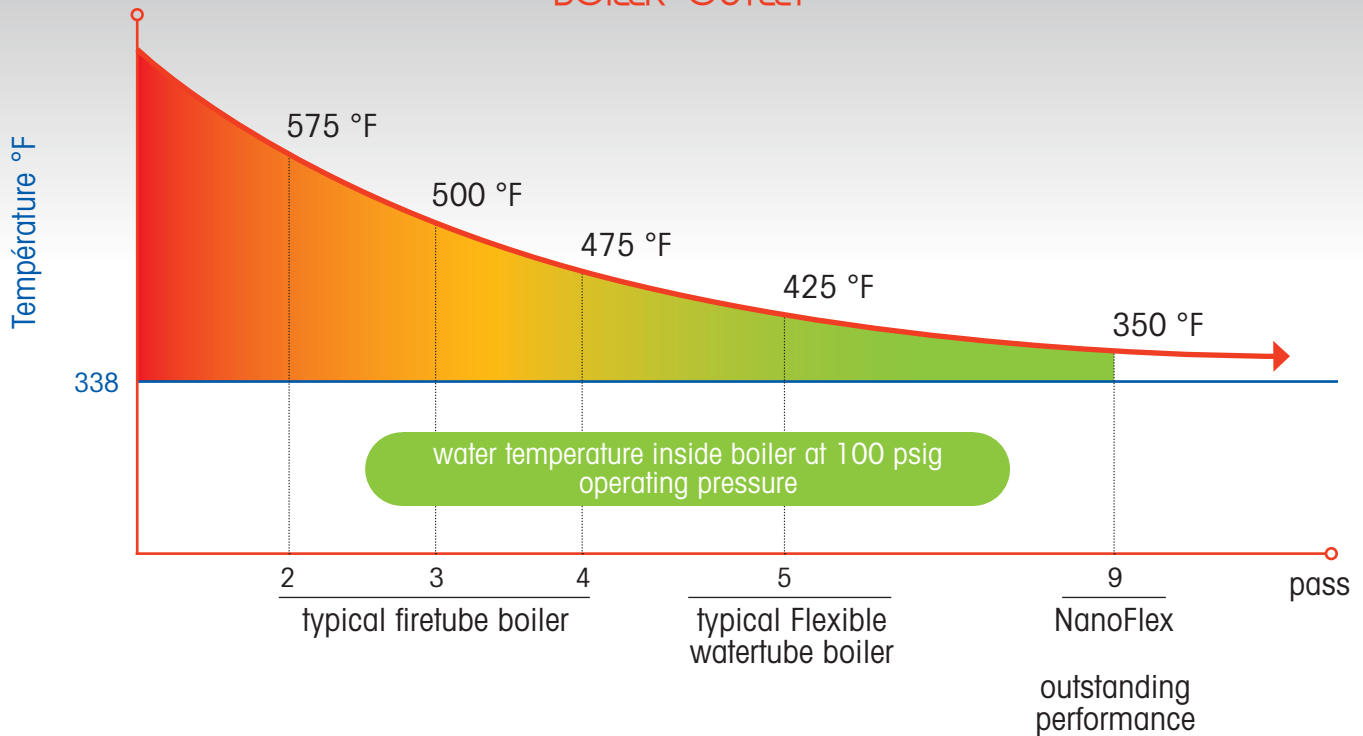


HIGH PRESSURE STEAM selection chart



Efficiency is based on natural gas high heating value of 1004 BTU/ft³ and 180° F of feedwater.

GAZ TEMPERATURE BOILER OUTLET



- **FLEXIBLE DESIGN** of the boiler allowing quick steam from cold startup. This design is also suitable for hot water or thermal oil heating applications with high temperature differences.
- **EXCELLENT THERMAL SHOCK** protection warranty offered by the manufacturer.
- **SYMMETRICALLY** balanced and complete water cooled furnace optimizes heat transfer and improves water natural circulation and steam quality.
- **OVERSIZED FURNACE** improves boiler life expectancy by reducing heat release while reducing NO_x emissions.
- **LARGER HEATING SURFACE AREA** than most similar boilers, resulting in fewer problems in water treatment extending the life expectancy of the unit.
- **FOR REDUCED MAINTENANCE COST** and easy replacement, tubes are ferruled and secured in place without welding. All boiler and burner parts are easy to source for replacement. Routine maintenance can be provided by most service companies.