

# WALL -HUNG NON-CONDENSING COMBINATION BOILERS – PERFORMANCE ASSESSEMENT

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## ABSTRACT

*Due to their advantages (independent heat and hot water supply, lower monthly bills) the wall hung combination boilers have gained widespread acceptance in Romania in the last ten years. The efficiency of the new generation wall-hung conventional (non-condensing) combination boilers are higher than 90% – relative to the Low Calorific Value of the fuel – when boilers operate at rated outputs (maximum loads). Taking into account the usually required hot water flow and the dwellings sizes as well it is obvious that combination boilers operate mostly at partial load, when performances are lower. That is why the boilers performances at partial load – considered very important – have been studied. The results of this study are presented in the paper.*

## REFERENCES

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