

Hydropat®

Hydrogen-fired burners for use in residential heating

H₂ burners





Key trends in hydrogen heating

- Natural gas is already mixed with hydrogen. This blend is known as **hydrogen-enriched natural gas (HENG)** and **serves as a transitional solution** toward a cleaner energy system.
- Governments are taking significant policy actions to further **reduce greenhouse gas emissions** and reach carbon net zero.



Hydropat®
hydrogen burners
for residential
heating

Hydropat® - the future proof hydrogen burner solution

- Hydrogen has **different combustion properties** than natural gas. This requires modifications in boiler designs to ensure safe operation
 - Transitioning from natural gas to hydrogen **requires modifications to a very diverse range of existing infrastructure.**
- Existing boilers can be converted to hydrogen boilers by using our specifically designed and tested Hydropat® burner
 - Safe, carbon-free, low nox, **cost-effective direct-replacement**
 - **Over 20 years experience** in premix burners suitable for different gas mixtures



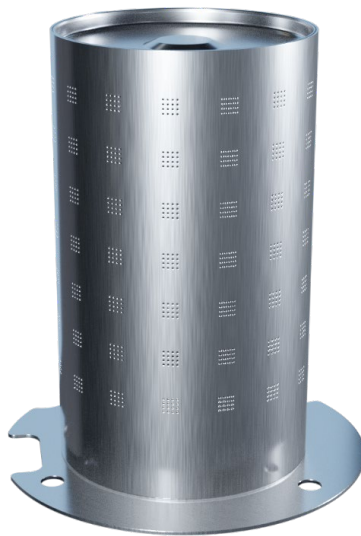
End-use

Hydrogen heating

Hydropat® - Hydrogen burners



- Low-NOx hydrogen burners ensure efficient combustion
- Hydrogen burner suitable for domestic heating



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