

# Enveloped

Installed systems for high-performance homes

## Low Emission Wood Fires

bionic fire™

There is nothing quite like the ambiance and direct heat from a wood fire. Even if you are building a high performance home, on days with low solar gain or just when it is wet and miserable outside, wood fires create a warm and comfortable environment.

When installed with complementary ventilation systems, they can improve the comfort of your whole home and assist in reducing the risk of dampness. Bionic fires are modern, super-efficient compact fires designed for retrofitting into existing homes or designing into your new living area.

Bionic fires are unique in that they can be installed into air tight homes such as Certified Passive Houses due to the external fresh air intake, the dual combustion chambers, and flues that are sealed from the internal living environment. They can also be customised to suit your decor.

Ask the team at Enveloped to warm your home by installing a bionic fire.



SUPPLY &  
INSTALL



PROJECT  
SEQUENCING



EXPERT  
ADVICE



ONE STOP  
SHOP



COMPETITIVE  
RATES



HIGH PERFORMANCE  
INSULATION

EUROPEAN ICF

AIR & WATER  
HEAT PUMPS

HEAT RECOVERY  
VENTILATION

AIR TIGHTNESS  
& MEMBRANES

GERMAN WINDOW  
JOINERY

## BIONIC FIRE FEATURES

- The world's first fully-automatic, ultra low-emission, down-draught burner.
- Manufactured in Denmark.
- The bionic fire requires only 1kg of wood per hour.
- Optimum use of wood fuel with total combustion of the flue gas. Low-emission, high efficiency.
- Compact, stylish and modern with interchangeable door colours.
- No fan or electricity required.
- Rotating/swivel models for viewing flexibility.
- Hidden or exposed flues, black or stainless.
- Can be retrofitted into existing wall cavities with minimal clearances.
- Any compliant flue system can be used with the bionic fire, however special flues can be supplied for air tight homes. No flue shield required.
- **Certified to be installed anywhere in New Zealand.** Resource consent has been issued by Environment Canterbury to meet the strictest regulations.

