

# Enveloped

Solutions for high performance construction

## Wood pellet boilers



Wood pellet boilers are the latest in renewable energy, utilising fuel supply from two large local New Zealand pellet production plants in Taupo and Nelson. Wood pellets are made from waste, and are clean, cheap, and completely renewable. They are the lowest carbon energy source for hot water and central heating available. New Zealand are net exporters of pellets to the rest of the world. We hold stock of the smaller Easypell units, which are an affordable way to avoid using gas, diesel or oil boilers, either for new homes or to retrofit old units. For all the bells and whistles and full automation, the Ökofen units are the ultimate in sustainable energy production. With endless configurations Ökofen Pellematics can be setup to be refuelled just once every six months and have incredibly low running costs. All boilers can handle multiple loads such as potable water heating, swimming pools, spas, underfloor heating, radiators, and ventilation tempering all off one boiler.

### EasyPell - 20 or 32kW

- ▶ Compact control panel. Simple to use and program
- ▶ Successfully installed in a MOE funded retrofit school programme
- ▶ Fill the hopper just once a week, and remove the ash once every 1-2 months. Automatic cleaning and burner de-ashing = annual cleaning & service
- ▶ Back burning safety valve, integrated return flow heating, soft start and controlled wood gas burning temperature are reasons for a safe and long operation without intervention

- ▶ Designed and built in Austria
- ▶ Round stainless steel secondary combustion unit in which wood gas is burned completely at 800°C resulting in low emissions and fast response
- ▶ 100mm of insulation to avoid heat loss from boiler



SUPPLY & INSTALL



PROJECT SEQUENCING



EXPERT ADVICE



ONE STOP SHOP



COMPETITIVE RATES



**HIGH PERFORMANCE  
INSULATION**

**WOOD PELLET  
BOILERS**

**AIR & WATER  
HEAT PUMPS**

**HEAT RECOVERY  
VENTILATION**

**AIR TIGHTNESS  
& MEMBRANES**

**GERMAN WINDOW  
JOINERY**

## ÖkoFEN Pellematic

- ▶ Indented from Europe specific for your project. Huge flexibility in setup
- ▶ Chose between manual refilling or completely automated
- ▶ Wide range of flexibins can mean refilling every six months with regular use. Automatic cleaning and burner de-ashing = annual cleaning & service
- ▶ Sizes for single units (can also be installed in multiples): 10kW, 12kW, 15kW, 20kW, 25kW, 32kW
- ▶ Designed and built in Austria
- ▶ Round stainless steel secondary combustion unit in which wood gas is burned completely at 800°C resulting in low emissions and fast response
- ▶ State of the art touch control panel & remote monitoring

