

# Enveloped

Installed systems for high-performance homes

## Stiebel Hot Water Heat Pumps

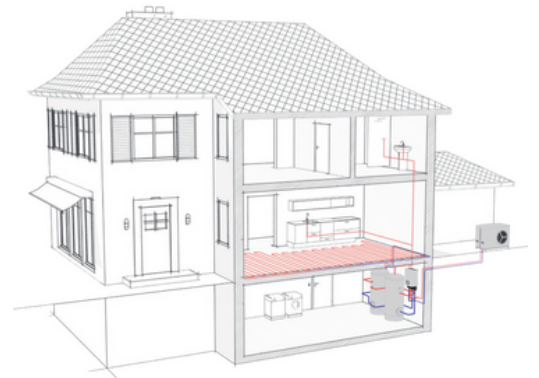
**STIEBEL ELTRON**

Stiebel Eltron domestic hot water heat pumps are the latest in energy-efficient hot water systems from Germany. Stiebel Eltron are the most popular heat pump in Germany for a reason, and their products can dramatically reduce power bills.

Single integrated cylinders are designed to be installed outside and utilise ambient heat in the atmosphere, combined with advanced heat pump technology to efficiently heat your water - even at night and in winter conditions. The cylinders can also be placed in some internal locations, such as garages or workshops larger than 13m<sup>3</sup>.

Enveloped can also install hydronic underfloor heating & cooling systems in some locations, which can be combined with potable water or pool heating. These systems typically have two indoor tanks and a single outdoor unit. Enveloped can also supply all your concrete slab insulation needs to ensure low running costs.

A perfect excuse to reduce dependence on mains or bottled gas. Enveloped can either work with your existing plumber or provide a complete supply and installation service for your project.



SUPPLY &  
INSTALL



PROJECT  
SEQUENCING



EXPERT  
ADVICE



ONE STOP  
SHOP



COMPETITIVE  
RATES



**HIGH PERFORMANCE  
INSULATION**

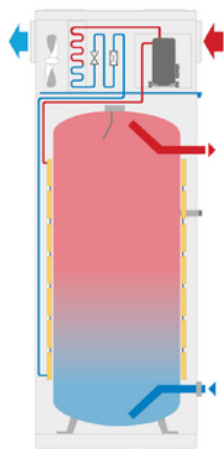
**EUROPEAN ICF**

**AIR & WATER  
HEAT PUMPS**

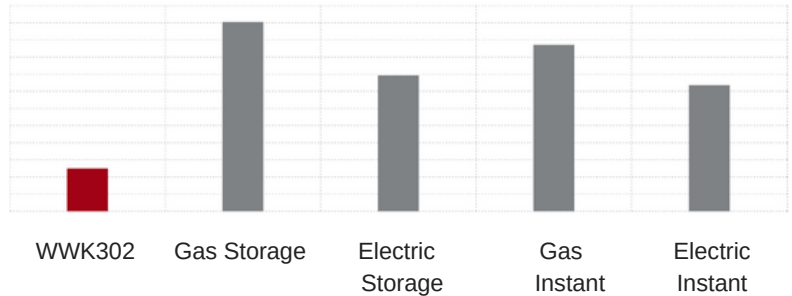
**HEAT RECOVERY  
VENTILATION**

**AIR TIGHTNESS  
& MEMBRANES**

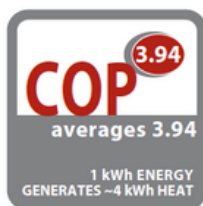
**GERMAN WINDOW  
JOINERY**



Up to 74% energy savings compared to electric storage. Return on investment of less than three years.



|  |     | PREMIUM       |               |               |               |
|--|-----|---------------|---------------|---------------|---------------|
| Model  |     | WWK 222       | WWK 222 H     | WWK 302       | WWK 302 H     |
|  |     | <b>231209</b> | <b>233209</b> | <b>231211</b> | <b>232905</b> |
| Power consumption (EN16147   A15)                      | kW  | 0.55          | 0.55          | 0.55          | 0.55          |
| Power consumption smart element                        | kW  | N/A           | 1.7           | N/A           | 1.7           |
| Rated voltage  | V   | 240           | 240           | 240           | 240           |
| Rated current  | Amp | 10            | 10            | 10            | 10            |
| Rated capacity   | l   | 220           | 220           | 302           | 302           |
| Max. HW temperature with heat pump                     | °C  | 65            | 65            | 65            | 65            |
| Set HW temperature                                     | °C  | 61            | 61            | 61            | 61            |
| Maximum available nominal amount of hot water at 40 °C | l   | 360           | 360           | 540           | 540           |
| Heat source min./max. application limits               | °C  | -5/+42        | -5/+42        | -5/+42        | -5/+42        |
| Refrigerant  |     | R134a         | R134a         | R134a         | R134a         |
| Refrigerant capacity                                   | kg  | 0.85          | 0.85          | 0.85          | 0.85          |
| COP (seasonal average COP for AU)                      |     | 3.94          | 3.94          | 3.58          | 3.58          |
| Height   | mm  | 1553-1569     | 1553-1569     | 1921-1937     | 1921-1937     |
| Diameter   | mm  | 690           | 690           | 690           | 690           |
| Weight (empty   filled)                                | kg  | 120   340     | 120   340     | 135   437     | 135   437     |



Nth Is: [info@enveloped.co.nz](mailto:info@enveloped.co.nz) / Murray 021 387246 / Lee Ann 0275 387246  
 Sth Is: [cam@enveloped.co.nz](mailto:cam@enveloped.co.nz) / Cam 021 900 844