

## Introduction of the **GE 310 – 630 VPC EC**

Genvex is pleased to present the new version of our heat recovery ventilation appliance with cross flow heat exchangers and air-air heat pump:

### **GE 310, 315, 420 & 630 VPC EC**

The GE 310-630 VPC have been upgraded and are now able to observe the strict Danish building regulations and the regulations for Passivhäuser in Germany according to the energy consumption of the fans.



GE 310 – 630 VPC EC differs from those of the competitors regarding the following features:

#### Fans with EC Motors

- The energy-efficient EC fans can reduce the consumption of electricity by app. 65 % (a yearly reduction of 300 kWh for a standard dwelling) compared with the ordinary asynchronous motors (AC).

#### Reversible Heat Pump

- The new units have a reversible heat pump.

#### Cross flow heat exchanger

- A cross flow heat exchanger has an average heat recovery rate of 65 %. The heat pump will only start when there is a need to change the supply air temperature from the temperature of the passive part. GE 310 – 630 VPC EC can both heat up as well as cool down the supply air.

#### Cassette filter

- GE 310 – 630 VPC EC are equipped with cassette filters. On the fresh air side there is a 50 mm wide pollen filter (filter class F7), that ensures clean supply air and a long validity. On the exhaust air side there is a 25 mm wide coarse filter (filter class G4) that protects the cross flow heat exchanger from dirt.

#### Type:

GE 310 VPC EC - **H** (Right)  
GE 310 VPC EC - **V** (Left)  
GE 315 VPC EC - **H** (Right)  
GE 315 VPC EC - **V** (Left)  
GE 420 VPC EC - **H** (Right)  
GE 420 VPC EC - **V** (Left)  
GE 630 VPC EC - **H** (Right)  
GE 630 VPC EC - **V** (Left)

#### Product number:

012401  
012402  
012403  
012404  
012405  
012406  
012407  
012408