

CERTIFICATE

NBN EN308 Heat Exchangers

for

heat recovery ventilation units:

Pingvin eco EC, Pingvin eco ECE, Pingvin eco ED and Pingvin eco EDE

Normal air flow: 50 l/s, 180 m³/h

Supply fan power: 31 W

dT fan: 0,5 °C

t₂₁: 5,1 °C

t₂₂: 20,0 °C

t₁₁: 23,3 °C

$$\eta_t = \frac{t_{22} - t_{21}}{t_{11} - t_{21}} = 0,82$$

Heat exchangers thermal efficiency is 82 %

Porvoo 13.8.2010



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