

CERTIFICATE

NBN EN308 Heat Exchangers

for

heat recovery ventilation units:

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

Normal air flow: 100 l/s, 360 m³/h

Supply fan power: 90 W

dT fan: 0,8 °C

t₂₁: 5,0 °C

t₂₂: 19,8 °C

t₁₁: 23,0 °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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