bre

Kwaliteitsverklaring rendement warmteterugwinapparaat conform norm NEN 5138:2004 nl t.b.v. berekeningen NEN 8088 / NEN 7120

Energieprestatie voor woningen en woongebouwen
- bepalingsmethode-

Declaration in accordance with standard NEN 5138:2004, efficiency of heat recovery to be used for NEN 8088 / NEN 7120 calculations. Method of determining energy performance of residential buildings.

Commissioned by Itho Daalderop, BRE have determined the energy efficiency performance of the heat recovery unit model HRU ECO 250, according to the methodology set out in NEN 5138-2004

Fabricaat (Brand)	:	Itho Daalderop	
Type (Model)	:	HRU ECO 250	
Bouwjaar (Production date)	:	2016	
$q_{v\_lucht\_max}$ (Maximum flow)	:	250 m^3/h	
$q_{v\_lucht\_nom}$ (Nominal flow)	:	150 m^3/h (60% of $q_{v\_lucht\_max}$)	
η_{wtw}	:	**97,7 %**	measured efficiency at qv_lucht_nom
$P_{el;vent}$	:	**21,45 W**	electrical power, measured at: U = 231,1 VAC, I = 0,218 A, cosϕ = 0,42

To be used in these energy performance calculations additional product qualifications are present (*manufacturer declared*).

P_{el}	:	**26,47 W**	electrical power. including frost protection frost protection type 2

The quality of the by-pass valve results in:

f_{bypass}	:	1,0 [--]	100 % bypass

Date: 26th August 2016, BRE, Watford.

M Swainson
Principal Engineer
For and on behalf of BRE

Approved by: D Butler
Manager, HVAC Engineering
For and on behalf of BRE

Report Ends