Declaration of conformity

regarding the determination of energetic efficiency
according to EN 13141-7:2011-01

Renovent Sky 200
Central ventilation unit with heat recovery
Tested unit

Brink Climate Systems B.V.
Client

DM.84.03.215.001
Document number

Europäisches Testzentrum für Wohnungslüftungsgeräte (TZWL) e. V.
Test laboratory

Heat recovery
Efficiency
Keywords

Dortmund, 2016-09-26
Date and place of issue

Signature

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This declaration comprises of 2 pages.

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DM.84.03.215.001
2016-09-26

Declaration of confirmity regarding the determination of energetic efficiency according to EN 13141-7:2011-01

On behalf of Brink Climate Systems B.V. the determination of energetic efficiency was conducted by Europäisches Testzentrum für Wohnungslüftungsgeräte (TZWL) e. V. in Dortmund, Germany.

Tests were carried out according to:

- EN 13141-7:2011-01, Ventilation for buildings – Performance testing of components/products for residential ventilation – Part 7: Performance Testing of Mechanical Supply and Exhaust Ventilation Units (including Heat Recovery) for Mechanical Ventilation Systems Intended for Single Family Dwellings.

Technical data of the tested unit:

Manufacturer:	Brink Climate Systems B.V.
Type:	Renovent Sky 200
Serial Number:	424001162401
Year of construction:	2016
Power supply:	230 V ~ 50 Hz
CE-Label:	Yes
Maximum volume flow:	200

Results, energetic efficiency:

	energetic efficiency Θ_{ODA} = 2 °C		energetic efficiency Θ_{ODA} = 7 °C	
Air flow	Temperature ratio, supply air η_0	Total electric power consumption P_E	Temperature ratio, supply air η_0	Total electric power consumption P_E
[m³/h]	[%]	[W]	[%]	[W]
60	94,0	14,7	90,6	14,7
140	87,1	40,5	83,1	36,5
200	85,6	99,1	80,8	83,6

Results of performance tests of aerodynamic characteristics, of heat recovery characteristics and of the effective power consumption are taken from tests with numbers M.84.03.215.AD.