Declaration of conformity

regarding the determination of energetic efficiency
according to EN 13141-7:2010

Flair 325 4/0 R EU ENTHALPIE
ducted ventilation unit
Tested unit

Brink Climate Systems B.V.
Client

KF.82.01.257.BD.01
Document number

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

Heat recovery
Efficiency
Keywords

Dortmund, 2018-05-18
Date and place of issue

Signature

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This declaration comprises of 2 pages.

EUROPÄISCHES TESTZENTRUM FÜR WOHNUNGSLÜFTUNGSGERÄTE E.V.

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Declaration of confirmity regarding the determination of energetic efficiency according to EN 13141-7:2010

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 13141-7:2010; Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 7: Performance testing of a 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:	Flair 325 4/0 R EU ENTHALPIE
Serial Number:	430013181502
Year of construction:	2018
Power supply:	230 V ~ 50 Hz
CE-Label:	Yes
Maximum volume flow:	325 m³/h

Results, energetic efficiency 7°C:

Air flow [m³/h]	Temperature ratio, supply air $\eta_{\theta,su}$ [%]	Humidity ratio supply air $\eta_{X,su}$ [%]	Total electric power consumption P_E [W]	Specific electric power consumption [W/m³/h]
50	96,0	79,1	11,6	0,23
225	80,0	47,4	35,8	0,16
325	76,3	38,2	79,3	0,24

Results, energetic efficiency 2°C:

Air flow [m³/h]	Temperature ratio, supply air $\eta_{\theta,su}$ [%]	Humidity ratio supply air $\eta_{X,su}$ [%]	Total electric power consumption P_E [W]	Specific electric power consumption [W/m³/h]
50	93,2	80,3	11,7	0,23
225	80,4	62,3	35,0	0,15
325	76,8	57,5	79,9	0,24

Results of performance tests of aerodynamic characteristics, of heat recovery characteristics and of the effective power consumption are taken from tests with number M.82.01.257.BD.