

Declaration of conformity

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

Flair 400 4/0 R EU ENTHALPIE
ducted ventilation unit

Tested unit

Brink Climate Systems B.V.

Client

KF.82.06.268.BD.01

Document number

**Europäisches Testzentrum für
Wohnungslüftungsgeräte (TZWL) e.V.**

Test laboratory

**Heat recovery
Efficiency**

Keywords

Dortmund, 2018-12-13

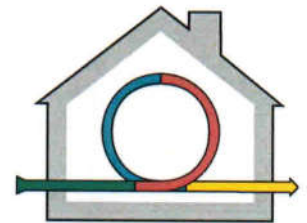
Date and place of issue

Signature

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This declaration comprises of 2 pages.



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VAT ID DE 2094 29304

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The test results solely refer to the denoted serial number

Declaration of conformity 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 13141-7:2010; 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 400 4/0 R EU ENTHALPIE
Serial Number:	431033184001
Year of construction:	2018
Power supply:	230 V ~ 50 Hz
CE-Label:	Yes
Maximum volume flow:	400 m ³ /h

Results, energetic efficiency 7°C:

Air flow [m ³ /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/m ³ /h]
50	96,7	83,6	11,4	0,23
280	80,5	52,4	46,0	0,17
400	75,4	42,2	109,2	0,27

Results, energetic efficiency 2°C:

Air flow [m ³ /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/m ³ /h]
50	95,0	85,9	11,5	0,22
280	78,5	62,3	47,6	0,17
400	74,5	54,8	108,8	0,27

Results of performance tests of aerodynamic characteristics, of heat recovery characteristics and of the effective power consumption are taken from tests with number M.82.06.268.BD.