

Declaration of conformity

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

Flair 400 4/0 R EU
ducted ventilation unit
Tested unit

Brink Climate Systems B.V.
Client

KF.82.06.268.AD.01
Document number

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

**Heat recovery
Efficiency**
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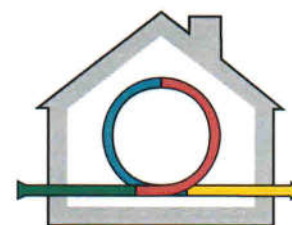
Signature



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Head of test laboratory

This declaration comprises of 2 pages.



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The test results solely refer to the
denoted serial number

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 Wohnlüftungsgeräte (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
Serial Number:	431001184001
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 $\eta_{\theta, su}$ [%]	Total electric power consumption P_E [W]	Specific electric power consumption [W/m ³ /h]
50	97,3	10,8	0,22
279	92,1	46,5	0,17
400	88,5	113,0	0,28

Results, energetic efficiency 2°C:

Air flow [m ³ /h]	Temperature ratio, supply air $\eta_{\theta, su}$ [%]	Total electric power consumption P_E [W]	Specific electric power consumption [W/m ³ /h]
50	100,2*	10,9	0,22
279	93,5	53,1	0,19
397	92,5	119,4	0,30

*Massflow corrected in order to DIN EN 13141-7

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.AD.