

# Declaration of conformity

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

Flair 225 4/0 L EU  
ducted ventilation unit  
Tested unit

## Brink Climate Systems B.V.

Client

## KF.80.05.326.AD.01

Document number

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

Test laboratory

## Heat recovery Efficiency

Keywords

## Dortmund, 2020-08-24

Date and place of issue

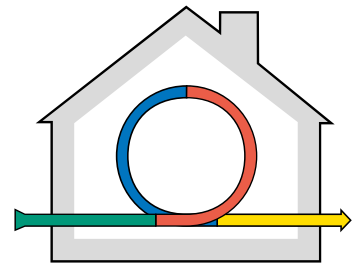
Signature




**P. Wernsmann**


Head of test laboratory


This declaration comprises of 2 pages.





 TZWL e. V.  
Ernst-Mehlich Str. 4a  
44141 Dortmund


 [info@tzwl.de](mailto:info@tzwl.de)


 +49 (0)231 53477-0

 +49 (0)231 53477-109

 [www.tzwl.de](http://www.tzwl.de)

 managing board  
chairman Dr.-Ing. M. Gringel  
co-chairman Dipl.-Ing. (FH) T. Özbiyik  
co-chairman Prof. Dr.-Ing. U. Hahn  
Dipl.-Bew. (FH) J. Köntopp

 seat of the association  
Dortmund, registered at  
Amtsgericht Dortmund,  
register ID VR 5236  
tax ID 317 5940 3514  
VAT ID DE 2094 29304

 The reproduction of single parts of  
this document and the usage of this  
document for advertising purposes  
requires written evidence of TZWL e. V.

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 225 4/0 L EU
Serial Number:	428000203202
Year of construction:	2020
Power supply:	230 V ~ 50 Hz
CE-Label:	Yes
Maximum volume flow:	225 m <sup>3</sup> /h

Results, energetic efficiency 7°C:

Air flow [m <sup>3</sup> /h]	Temperature ratio, supply air $\eta_{\theta, su}$ [%]	Total electric power consumption $P_E$ [W]	Specific electric power consumption [W/m <sup>3</sup> /h]
40	96,9	11,6	0,29
156	92,3	27,0	0,17
225	89,2	59,5	0,26

Results, energetic efficiency 2°C:

Air flow [m <sup>3</sup> /h]	Temperature ratio, supply air $\eta_{\theta, su}$ [%]	Total electric power consumption $P_E$ [W]	Specific electric power consumption [W/m <sup>3</sup> /h]
40	98,3	11,6	0,29
155	93,3	29,7	0,19
223	92,2	63,5	0,28

Results of performance tests of aerodynamic characteristics, of heat recovery characteristics and of the effective power consumption are taken from tests with number M.80.05.326.AD.