

Declaration of conformity

regarding the determination of energetic efficiency
according to NEN 13141-7:2021

Flair 450 4/0 L
ducted ventilation unit
Tested unit

Brink Climate Systems B.V.

Client

KF.79.10.359.AD.01

Document number

Europäisches Testzentrum für Wohnungslüftungsgeräte (TZWL) e.V.

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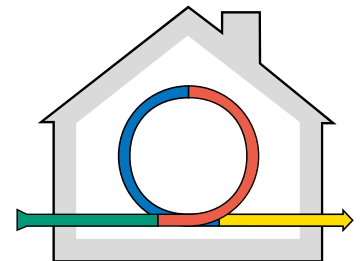
Signature




T. Oezbiyik


Head of test laboratory


This declaration comprises of 2 pages.





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


 info@tzwl.de


 +49 (0)231 53477-0

 +49 (0)231 53477-109

 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

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Declaration of conformity regarding the determination of energetic efficiency according to NEN EN 13141-7:2021

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:

- NEN EN 13141-7:2021; Ventilation for buildings - Performance testing of components/products for residential ventilation - Part 7: Performance testing of ducted mechanical supply and exhaust ventilation units (including heat recovery)

Technical data of the tested unit:

Manufacturer:	Brink Climate Systems B.V.
Type:	Flair 450 4/0 L
Serial Number:	432000214001
Year of construction:	2021
Power supply:	230 V ~ 50 Hz
CE-Label:	Yes
Maximum volume flow:	450 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]
75	96,9	16,6	0,22
315	92,3	60,9	0,19
451	91,5	142,5	0,32

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]
75	97,2	17,3	0,23
314	95,0	68,1	0,22
451	93,9	160,4	0,35

Results of performance tests of aerodynamic characteristics, of heat recovery characteristics and of the effective power consumption are taken from tests with number M.79.10.359.AD.