

Declaration of conformity

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

Flair 600 4/0 L
ducted ventilation unit
Tested unit

Brink Climate Systems B.V.

Client

KF.79.10.360.AD.01

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Europäisches Testzentrum für Wohnungslüftungsgeräte (TZWL) e.V.

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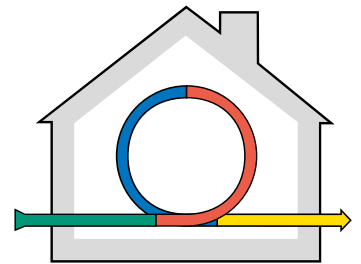
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This declaration comprises of 2 pages.





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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 Wohnungslüftungsgeräte (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 600 4/0 L
Serial Number:	433000214001
Year of construction:	2021
Power supply:	230 V ~ 50 Hz
CE-Label:	Yes
Maximum volume flow:	600 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]
101	95,4	19,2	0,19
420	91,5	107,0	0,25
601	90,8	260,9	0,44

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]
100	96,7	19,5	0,20
417	93,9	120,9	0,29
556	92,5	255,8	0,46

Results of performance tests of aerodynamic characteristics, of heat recovery characteristics and of the effective power consumption are taken from tests with number M.79.10.360.AD.