

# Declaration of conformity

regarding the determination of energetic efficiency  
according to EN 13141-7:2010

Flair 325 4/0 R EU ENTHALPIE  
ducted ventilation unit  
Tested unit

**Brink Climate Systems B.V.**  
Client


**KF.82.01.257.BD.01**  
Document number

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

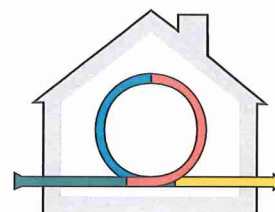
**Heat recovery  
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**Dortmund, 2018-05-18**  
Date and place of issue

Signature

  
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This declaration comprises of 2 pages.



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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 13141-7:2010

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 325 4/0 R EU ENTHALPIE |
| Serial Number:        | 430013181502                 |
| Year of construction: | 2018                         |
| Power supply:         | 230 V ~ 50 Hz                |
| CE-Label:             | Yes                          |
| Maximum volume flow:  | 325 m <sup>3</sup> /h        |

Results, energetic efficiency 7°C:

| Air flow<br>[m <sup>3</sup> /h] | Temperature ratio,<br>supply air $\eta_{\theta,su}$<br>[%] | Humidity ratio<br>supply air $\eta_{x,su}$<br>[%] | Total electric power<br>consumption $P_E$<br>[W] | Specific electric<br>power consumption<br>[W/m <sup>3</sup> /h] |
|---------------------------------|--|---|--|---|
| 50                              | 96,0   | 79,1  | 11,6   | 0,23  |
| 225                             | 80,0   | 47,4  | 35,8   | 0,16  |
| 325                             | 76,3   | 38,2  | 79,3   | 0,24  |

Results, energetic efficiency 2°C:

| Air flow<br>[m <sup>3</sup> /h] | Temperature ratio,<br>supply air $\eta_{\theta,su}$<br>[%] | Humidity ratio<br>supply air $\eta_{x,su}$<br>[%] | Total electric power<br>consumption $P_E$<br>[W] | Specific electric<br>power consumption<br>[W/m <sup>3</sup> /h] |
|---------------------------------|--|---|--|---|
| 50                              | 93,2   | 80,3  | 11,7   | 0,23  |
| 225                             | 80,4   | 62,3  | 35,0   | 0,15  |
| 325                             | 76,8   | 57,5  | 79,9   | 0,24  |

Results of performance tests of aerodynamic characteristics, of heat recovery characteristics and of the effective power consumption are taken from tests with number M.82.01.257.BD.