

# ventilate and feel comfortable

HAUTAU VENTRA®

We let windows breathe!



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**HAUTAU VENTRA® – the  
clearly invisible window fan  
which creates a pleasant  
living climate while reducing  
energy costs.**



**You know when it's HAUTAU.**



The HAUTAU VENTRA® window fan is used wherever a great deal of moisture and unpleasant odours emanate.

Small, compact, effective - HAUTAU VENTRA® is suitable for all window profiles without changing the architecture.



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# The features

## feel comfortable

Two fans remove damp, stale room air while feeding in fresh air, thus ensuring well-being and enhancing quality of living. The heat exchanger warms the in-coming supply air to a pleasant temperature while a pollen filter protects allergy sufferers. Needs-oriented, user-independent ventilation prevents moisture damage and mould formation.

## design

The VENTRA® is concealed from view. Thanks to its compact installation size, it is fully integrated into the window reveal, so architecture remains completely unchanged both inside and out. The VENTRA® can be built into windows with or without roller shutters.

## energy savings

A heat exchanger pre-warms the fresh air. The high level of heat recovery ensures energy-efficient ventilation, meaning energy consumption and running costs are reduced.

## comfort

A pleasant indoor climate is created as damp air and unpleasant odours are permanently replaced with fresh air. Hidden from view, VENTRA® ventilates without generating intrusive noise. It is operated intuitively and very easily at the window itself. Each occupant can ventilate the room instantly at the press of a button.

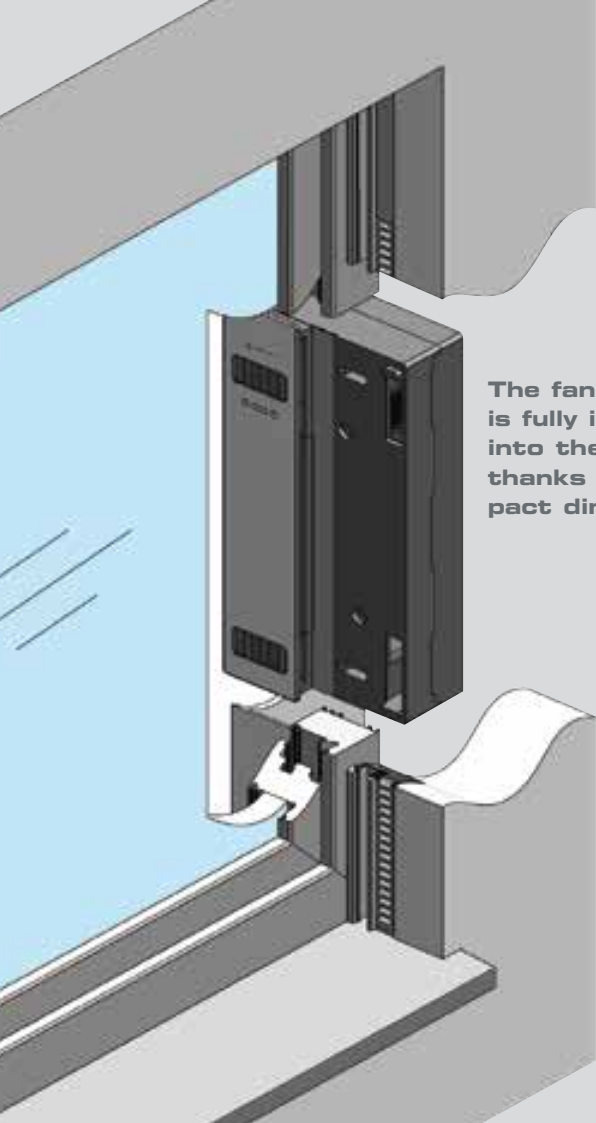
## healthy ventilation with superior security

With the VENTRA®, air is exchanged at a rate of up to 30 m³/h when the window is closed. The window's burglary protection and tightness against driving rain are unaltered and rooms can be ventilated securely even when occupants are absent. The VENTRA® also meets the requirements specified in DIN 1946-6 for needs-oriented, user-independent ventilation.

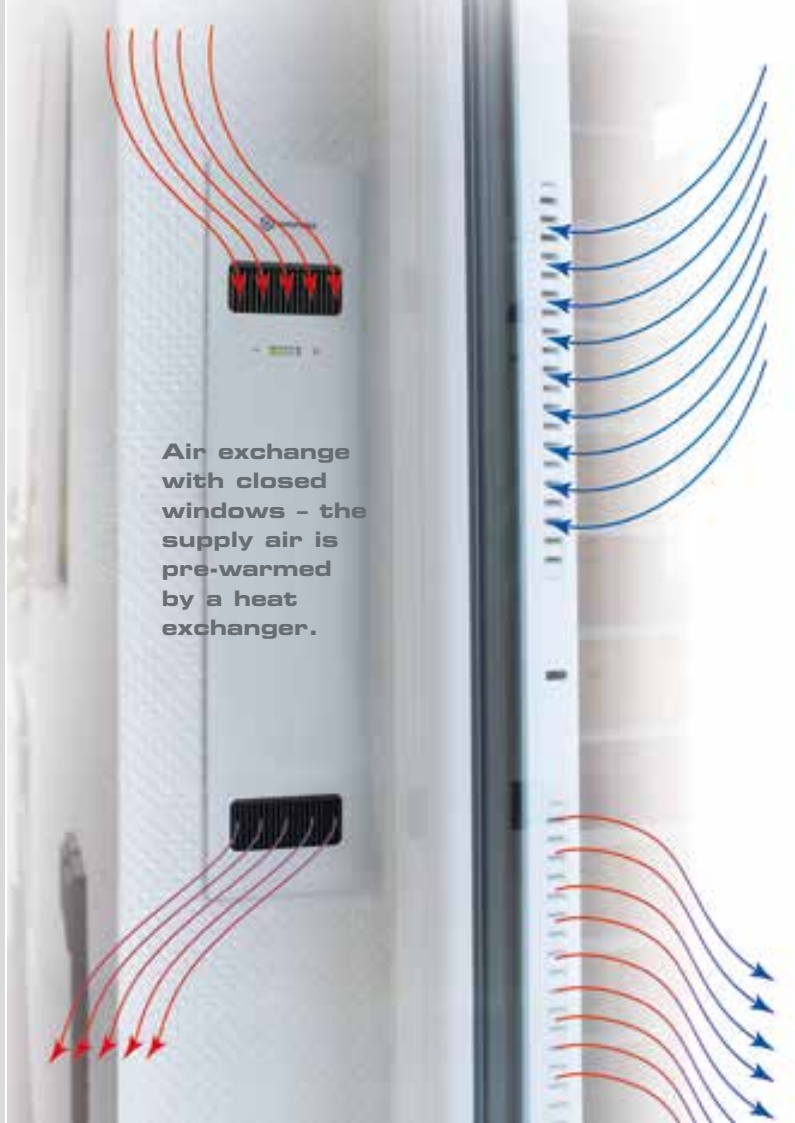
## installation

The window fitter installs the VENTRA® very easily at the same time as the new window in a single work step. An integrated mains adapter connects the unit to a 230 V power supply and the unit can be put into operation immediately. It is mounted to the side of the frame section. The VENTRA® can be used with any fitting since both the standard window attachment points and the fitting's locking positions remain the same.

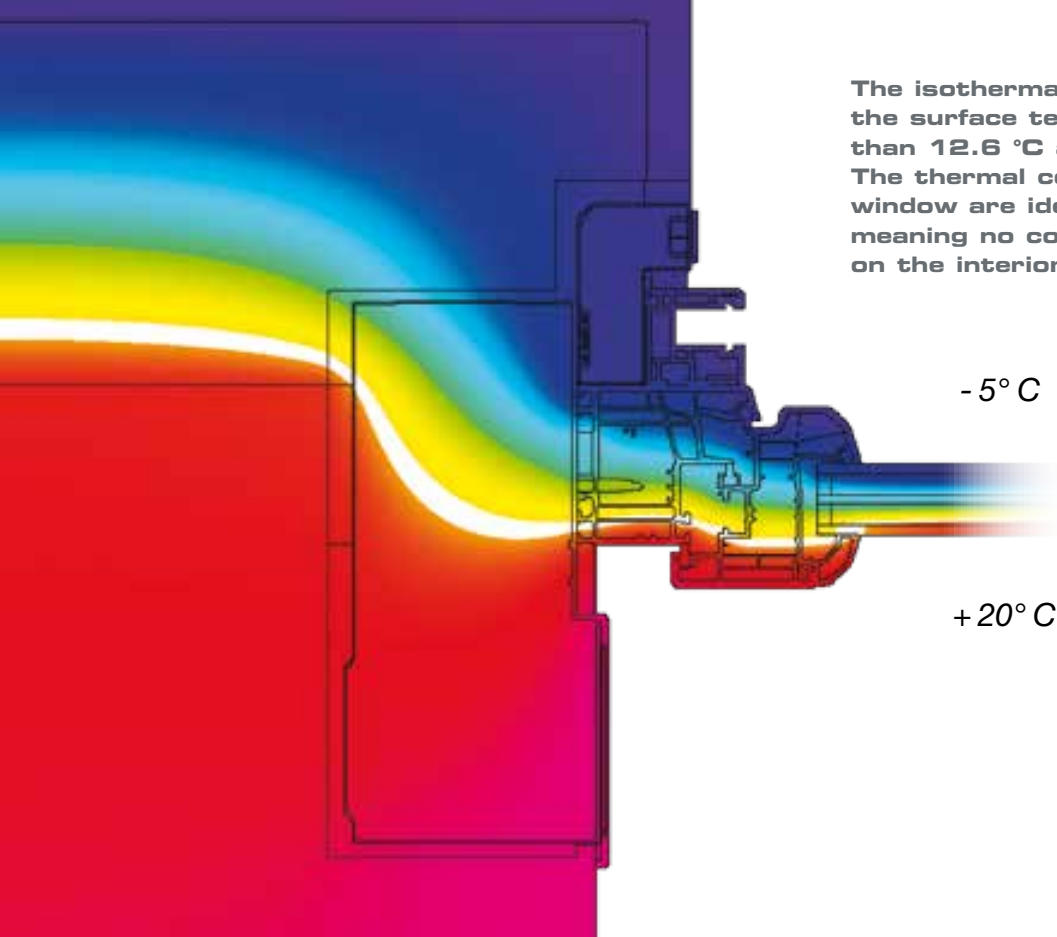




The fan housing is fully integrated into the reveal thanks to its compact dimensions.



Air exchange with closed windows - the supply air is pre-warmed by a heat exchanger.



The isothermal line shows that the surface temperature is greater than 12.6 °C all over. The thermal conditions on the window are ideal as per DIN 4108, meaning no condensation will form on the interior.

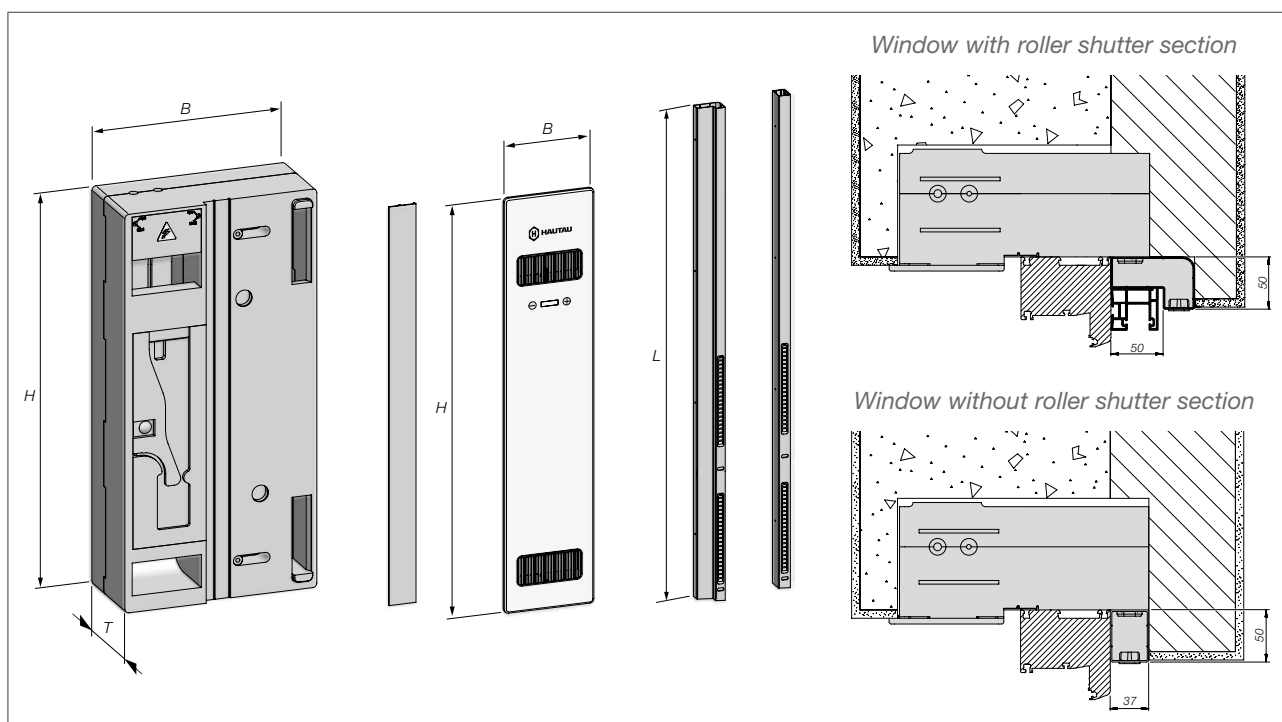
-5° C

+20° C



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# Technical specifications ...

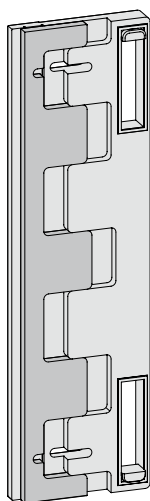


|   |                                     |  |
|---|-------------------------------------|--|
| <b>Rated voltage</b>  |                                     | 230 V  |
| <b>Voltage tolerance range</b>                              |                                     | -20% / +30%  |
| <b>Duty cycle</b>   |                                     | 100 %  |
| <b>Flow rates</b>   |                                     | Speed 1    Speed 2    Speed 3/4*                               |
|   |                                     | 8 m³/h    15 m³/h    30 m³/h                                   |
| <b>Power</b>  |                                     | Speed 1    Speed 2    Speed 3/4*                               |
|   |                                     | 3.8 W    8.2 W    34.5 W                                       |
| <b>Heat provision efficiency</b>                            |                                     | up to 86%  |
| <b>Noise reduction value Dn, e, w in dB</b>                 |                                     | Speed 1    Speed 2    Speed 3/4*                               |
|   |                                     | 41    41    39   |
| <b>Self-noise LN in dB(A)</b>                               |                                     | Speed 1    Speed 2    Speed 3/4*                               |
|   |                                     | 25    37    62   |
| <b>Filter</b>   | Standard                            | G3   |
|   | Optional                            | M5   |
| <b>Protection rating</b>                                    |                                     | IP 20  |
| <b>Connection</b>   |                                     | Connection cable 3 x 0.75 mm², about 2 m with shock-proof plug |
| <b>Housing</b>  | Dimensions H x W x D                | 485 x 240 x 98 mm  |
|   | Material                            | EPP  |
| <b>Cover</b>  | Dimensions (H x W)                  | 505 x 110 mm   |
|   | Material                            | ABS UV stabilised  |
|   | Colours                             | white, silver  |
| <b>Air duct section</b>                                     | Material                            | aluminium  |
|   | Colours                             | white, silver, black   |
| <b>Air duct section for windows with roller shutters</b>    | Dimensions                          | 30 x 80 x 50 mm  |
|   | Length (L)                          | 1,500 mm, 3,000 mm   |
| <b>Air duct section for windows without roller shutters</b> | Dimensions                          | 50 x 37 mm   |
|   | Length (L)                          | 1,500 mm, 3,000 mm   |
| <b>Can be used with:</b>                                    | Minimum window height               | 750 mm   |
|   | Wall mounts with installation depth | 240 mm and deeper  |
|   | Window profile depth                | up to 102 mm   |

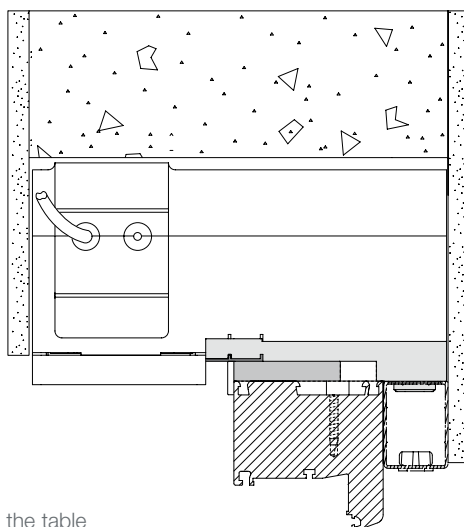
\* When set to Speed 4, the fan automatically switches back to Speed 1 after an hour

# ... and order information

Renovation kit adapter plate



Window with adapter plate



\*see accessories in the table

| Item description             |            | Item code |        |        |        |
|------------------------------|------------|-----------|--------|--------|--------|
| VENTRA® window fans          |            |           |        |        |        |
| VENTRA® 301 E                | right-hand |           | 240697 |        |        |
|                              | left-hand  |           | 240619 |        |        |
| Cover                        |            |           | white  | silver |        |
| Cover                        | right-hand |           | 243391 | 243394 |        |
|                              | left-hand  |           | 242767 | 243385 |        |
| Air duct section, straight   |            |           | white  | silver | black  |
| Air duct section, right-hand | L=1,500mm  |           | 241941 | 241938 | 241943 |
|                              | L=3,000 mm |           | 243187 | 243184 | 243190 |
| Air duct section, left-hand  | L=1,500mm  |           | 241321 | 241318 | 241324 |
|                              | L=3,000 mm |           | 243175 | 243172 | 243178 |
| Extension section, straight  |            |           | white  | silver | black  |
| Extension section            | L=3,000 mm |           | 241237 | 241234 | 241240 |
| Air duct section, angled     |            |           | white  | silver | black  |
| Air duct section, right-hand | L=1,500mm  |           | 241345 | 241342 | 241348 |
|                              | L=3,000 mm |           | 243211 | 243208 | 243214 |
| Air duct section, left-hand  | L=1,500mm  |           | 241333 | 241330 | 241336 |
|                              | L=3,000 mm |           | 243199 | 243196 | 243202 |
| Extension section, angled    |            |           | white  | silver | black  |
| Extension section            | L=3,000 mm |           | 241249 | 241246 | 241252 |

**Note:** special colours on request

| Accessories   | Item code |
|---|-----------|
| Replacement filter G3 (2 units)   | 243415    |
| Replacement filter M5 (2 units)   | 243418    |
| Renovation kit (required if the replacement window is smaller than the original)* see diagram above | 244114    |



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**Would you like  
detailed information  
on HAUTAU VENTRA® window fans  
or other HAUTAU products?  
Ask us and we will convince you!**

**You will find us online at  
[www.HAUTAU.de](http://www.HAUTAU.de)**



**HAUTAU GmbH  
P.O. Box 1151  
31689 Helpsen  
Germany**

**Tel +49 (0)5724 393 0  
Fax +49 (0)5724 393 125  
[Info@HAUTAU.de](mailto:Info@HAUTAU.de)**

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