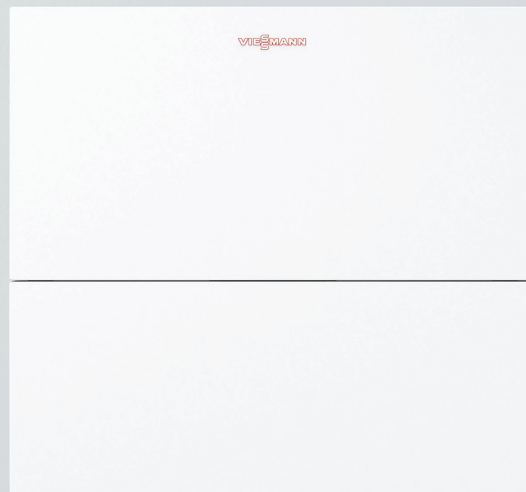


**MAIN VENTILATIONS**

Central house ventilation with
heat recovery

"VITOVENT 300-W",

**Central home
ventilation**

Air flow:
225, 325 and 400 m³/h
High heat recovery
efficiency ensures low
energy costs

Vitovent 300-W central home ventilation ensures a healthy microclimate in all rooms and a pleasant temperature.



The energy centre, which includes the Vitovent 300-W home ventilation system, the Vitocal 300-G ground-to-water heat pump and the Vitocharge VX3 energy storage system (from left)

Quiet, compact and easy to integrate into the energy system: these are the main advantages of the Vitovent 300-W home ventilation system. Operation in direct combination with a Vitocal heat pump can be easily controlled via the ViCare smartphone app. The internet connection allows the sales partner to check the operation of the unit via the Vitoguide app using a web browser.

Vitovent 300-W can also be installed as a stand-alone system. Thanks to its three capacity options, the unit can be used in any home - in flats and apartments (225 m³/h) or in detached houses (325 or 400 m³/h).

Exhaust air warms the incoming fresh air

The central system ventilates with almost no energy loss. And it is extremely energy efficient. During the cold season of the year, the powerful heat exchanger uses up to 92% of the heat in the exhaust air to heat the incoming fresh air.

The integrated, electric preheating section ensures continuous, non-freezing operation even at low outdoor temperatures.

Passive cooling in a natural way

The built-in automatic bypass valve ensures that the Vitovent 300-W heat exchanger is completely bypassable during the warm season.

Through this temperature-controlled circuit, cool outdoor air flows into the room at night and provides pleasant freshness.

"Vitovent 300-W allows allergy sufferers to breathe easier"

The filter system with an efficient, optional pollen filter cleans the intake air of allergens and harmful substances.

The growth and spread of mites and moulds is significantly reduced, creating a non-irritating indoor microclimate.

Prevents mould, protects the building structure Moist indoor air is one of the main causes of mould growth. Mould can affect the health of the occupants and permanently damage the building structure.

VITOVENT 300-W

Air permeation : 225, 325 and 400 m³/h



Ventilation control panel (type LB1)



Intuitive and quick control via the ViCare app, connecting the system to the Viessmann heat pump

Very easy to use

The Vitovent 300-W can be connected directly to the control unit of the heating plant.

THE POSSIBILITY OF THIS POSSIBILITY:

- Using the heat pump control panel "Vitotronic 200" (type WO1C)
- Convenient control via graphic display using the ventilation control panel (type LB1)
- Intuitive and fast operation via the ViCare app in a system network with a Viessmann heat pump

Easy installation and quiet operation

"Vitovent 300-W is easy to install. It is wall-mounted in the boiler room or attic. In the living room, the operation of the unit is almost inaudible.

Fresh enters the room through the air distribution system and used air is exhausted. This adaptable system is suitable for installation during the construction phase of the building envelope (circular duct) or afterwards (flat duct).

"VITOVENT 300-W" PREVENT

- + Provides thermal comfort and a healthy indoor climate
- + High heat recovery efficiency ensures low energy costs
- + Low energy consumption results in low electricity costs
- + Wall mounting requires a small space, e.. above the washing machine
- + Light weight
- + More balanced moisture content prevents mould growth and damage to building structures
- + Outdoor air filtration (optional G4-filter, F7-filter) ensures less dust and pollen pollution - the ideal solution for allergy sufferers
- + Increased security against intruders and noise protection without opening windows
- + Reduced odour pollution
- + Convenient control via heat pump or stand-alone ventilation control panel
- + Intuitive and fast control via the ViCare app on the system network
- + Complete system from a single supplier



VITOVENT 300-W

- 1 Bypass valve
- 2 Counterflow fans with flow measurement using a shaft anemometer
- 3 Exhaust air filter
- 4 Preheating section
- 5 Counterflow heat exchanger
- 6 Outdoor air filter

Home ventilation system **VITOVENT 300-W**

Vitovent 300-W	Type	H32S A225	H32S C325	H32S C400
Maximum air flow	m ³ /h	225	325	400
Living area up to approx.	m ²	160	320	440
Dimensions (without connecting elements)				
Length (depth)	mm	455	560	560
Width	mm	600	750	750
Height	mm	650	650	650
Weight	kg	29,5	41,0	42,5
Energy efficiency class under EU Regulation 1254/2014				
– Manual control	Ⓜ	–	–	–
– Time management mechanism	Ⓢ	A	A	A
– Central demand management	Ⓢ	A ⁺	A ⁺	A ⁺
– Managing for local consumption	Ⓢ	A ⁺	A ⁺	A ⁺
Filter class according to EN 779				
Outdoor air filter (delivery configuration/accessories)		G4/F7	G4/F7	G4/F7
Exhaust air filter (delivery condition/accessories)		G4/G4	G4/G4	G4/G4
Heat recovery				
Thermal efficiency of heat recovery coefficient according to ErP	%	92	91	92
Thermal efficiency of heat recovery according to EN 308:1997	%	bis 94	bis 98	bis 99
Heat recovery efficiency coefficient according to DIBt	%	92	91	92
Heat recovery efficiency coefficient according to PHI	%	89	91	90
Counterflow/enthalpy heat exchanger material		PETG	PETG	PETG
Areas of application				
– New building		■	■	■
– Detached / two-family house		■	■	■
Filter types according to ISO 16890 - EN779				
G4= ISO Coarse 60 %				
F7 = ISO ePM ₁ 50 %				



PRODUCTION

- + Central house ventilation with heat recovery, which provides consumer-oriented home ventilation with purified and heated outdoor air.
- + Heat recovery according to PHI: 89% (225 m³/h), 91% (325 m³/h), 90% (400 m³/h).
- + Air flow:
 225 m³/h (type H32S A225 L/R), 325 m³/h (type H32S C325 L/R),
 400 m³/h (type H32S C400 L/R).
- + For living areas up to 440 m².
- + Simple assembly, optional right or left-hand version.

Your trading partner

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