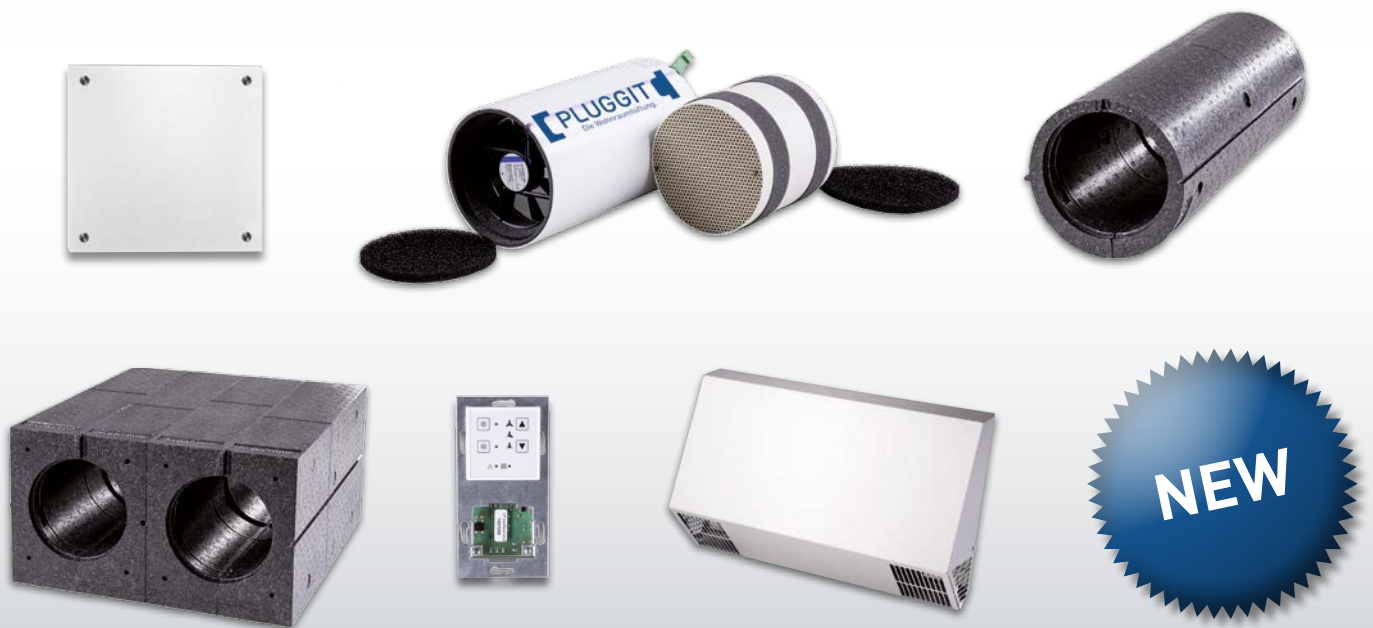


Pluggit iconVent

Decentralized residential ventilation with heat recovery



Intelligent – Efficient – Flexible

The decentralized ventilation system Pluggit iconVent realizes the required air exchange for all utilization units.

- Intelligent **controlled ventilation**
 - balanced air volume flows according to DIN 1946-6 and DIBt
 - optionally overflow function
 - highest heat recovery
- Optimal coordination of individual components for Pluggit SilentFlow
- No condensation
- Modular product range structure for
 - low capital commitment for the wholesale trade and handicraft
 - new building and renovated houses / all object floor plans
 - shell construction and fine installation
- Fast and uncomplicated assembly

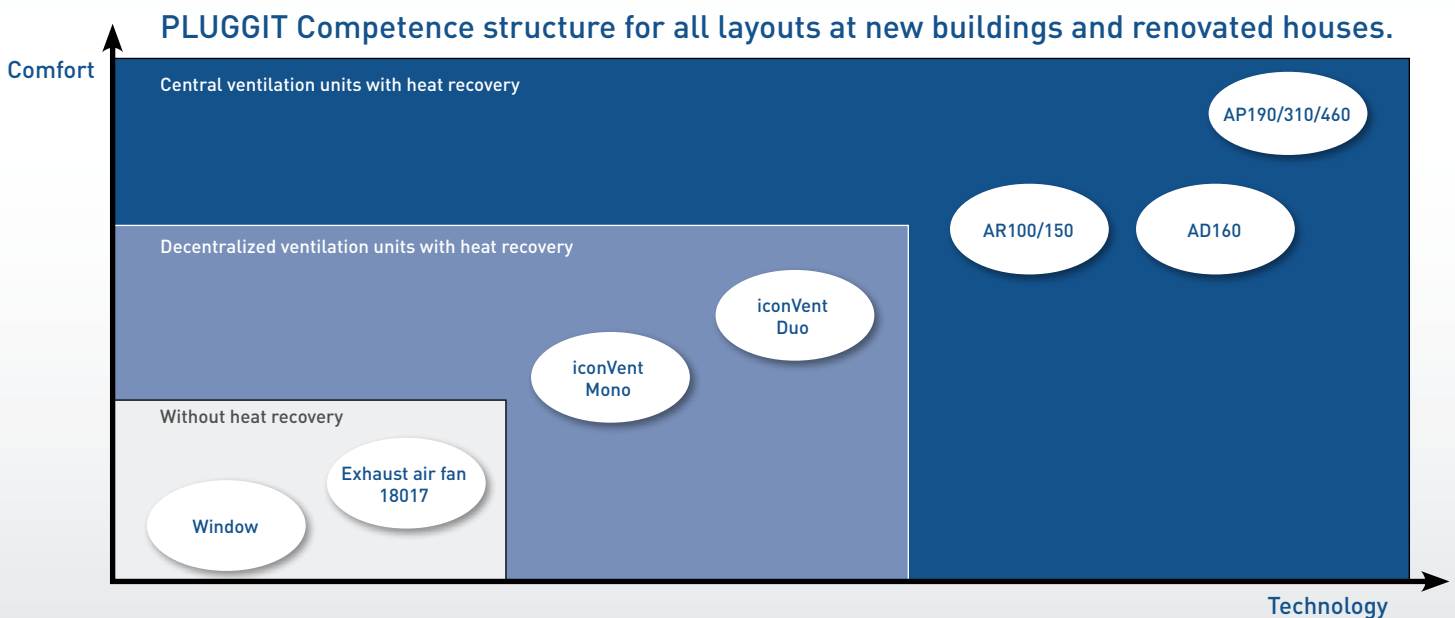
The intelligent solution for a single-room ventilation

With the decentralized ventilation system Pluggit iconVent PLUGGIT completes its offer of fan-based room ventilation systems with heat recovery and thus emphasizes again its claim to technology leadership in the area of room ventilation with heat recovery.

Pluggit iconVent ventilation systems realize with single-room fans the required air exchange for all utilization units, from one-family house to flat. Not only in a new building but also in renovated houses. The simultaneous supply and exhaust air operation with changing direction optimizes the heat recovery

level. Even at parallel use of exhaust air fans in windowless bathrooms or toilets according to DIN 18017 as well as kitchens the Pluggit iconVent system automatically provides a permanently compensated balance between supply air and exhaust air by means of an intelligent control in the complete utilization.

The high-performance system Pluggit iconVent Duo for one-family houses and larger residential units is completed by the system Pluggit iconVent Mono for lower volume flow requirements.

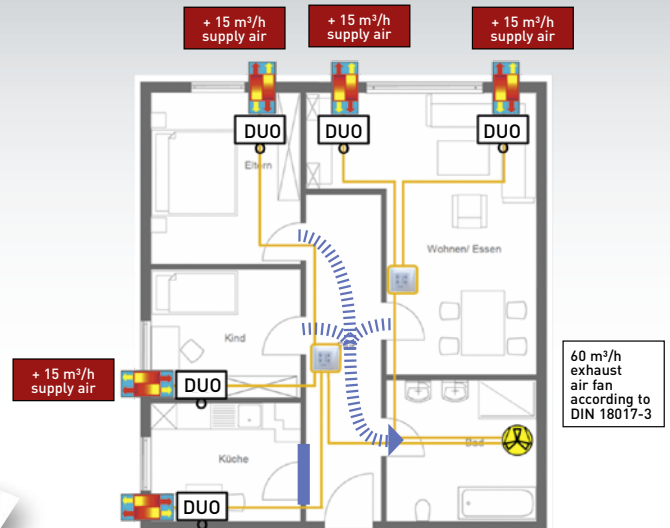
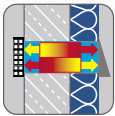


Convincing arguments:

- Simultaneous supply and exhaust air operation
- Approval-compliant in the application according to DIBt
- Intelligent, protected iconVent control
- Ceramic heat exchanger with optimized cell structure; heat recovery level up to 93 %; bigger free ventilation cross section for higher volume flow, lower flow noises, lower pressure losses and improved electrical efficiency.
- No condensation in normal operation
- No frost protection required
- Pluggit SilentFlow
- Manually lockable for immission protection
- Observance of KfW-funding conditions for heat recovery
- Modular product range structure with limited part diversity for all system types
- Design inside panels
- All system components food-safe – typical PLUGGIT
- Defined downgrade of installation stones and sleeves
- Protected connection technology
- Wall block from EPP can be shortened to 280 mm
- Tool-less maintenance and change of filter

Installation level in the wall

- Assembly independent from construction phase
- For new building and renovated houses
- Balanced supply and exhaust air by means of iconVent-Control also in connection with exhaust fan
- Optimized heat recovery



Intelligently controlled – for balanced supply and exhaust volume flows

With its intelligently interconnected control the Pluggit iconVent technology compensates, for example, the exhaust air surplus for the operation of an exhaust air fan in an interior bathroom (DIN 18017) by means of a time-limited increase of its supply air performance.

The style of fresh air

The design inside panel Mono integrates discreetly and timelessly in the individual living ambiance.



Flexible assembly

The space-saving mode of installation of the Pluggit iconVent single-room fan in the wall facilitates – even for a subsequent installation – open spaces for the placement of outlets.

Elegant and safe

The Pluggit iconVent outside wall grid in high-quality stainless steel design provides a clean separation of outside air and exhaust air and safely drains off condensation water from the facade.



Pluggit iconVent – The compact product range for each construction phase

The assembly of the single-room ventilation system Pluggit iconVent extends to the construction phases of the building shell installation and fine installation, which frequently can be wide apart in terms of time. For this reason, the respective individual components can be ordered corresponding to the construction progress. This saves storage costs and reduces the capital commitment for the wholesale trade and handicraft.

Pluggit iconVent product range “building shell”



The Pluggit iconVent installation stone is directly integrated in the exterior masonry, whereas the round installation sleeve suits in a 200 mm strong, horizontal core drilling. Both elements have a laterally preconfigured coupling to produce the system type Duo. Until the fine installation the openings are closed with blind covers.

Pluggit iconVent product range “fine installation”



For the fine installation the pre-assembled functional units are integrated in the openings of the installation stones or sleeves. The outer hood or inside panel close the Pluggit single-room fan iconVent to the outside and inside. Particularly attractive for a timelessly elegant inside effect is the iconVent inside panel design, the glass surface of which integrates in each interior style.

Technical data:

Filter	Inside G3 (F5), outside G3
Max. air performance	Level 1: 18 m ³ /h Level 2: 30 m ³ /h Level 3: 48 m ³ /h
Heat recovery	until 93 %
Mains voltage	230 V / 50 HZ
Power consumption per fan	1,4 / 2,6 / 3,7 W

Fans	12 V / EC-, direct current
Protection class	IP X4
Remote control	Yes
Measurements ICVS (W x H x D)	220 mm x 245 mm x 500 mm
DIBt approval	Applied
Patents	Protection rights applied