

LWZ 70/170/270 plus

Energy recovery against the trend.

The LWZ 70 - 270, as a central ventilation system, is well suited to supplying fresh air to entire apartments. Using the countercurrent flow system, it extracts thermal energy from extract air and uses this energy to heat up the incoming fresh air. Thanks to this innovative process, up to 90 % of the energy can be recovered. As a central ventilation device for living areas up to 290 m², the LWZ 270 unit has been designed as a slightly larger unit. In the process, an easy to change filter cleans dust particles from the air.

The most important features

Three output sizes

Central ventilation and extract air system for optimum air quality

Easy to adjust and operate

Pollutants are continuously removed from the living space

High heat recovery level up to 90 %

Cooling effect via the night ventilation function with the LWZ 170 plus / 270 plus

Special solution for multi-storey apartment buildings (LWZ 70)



Example: LWZ 170



Type	LWZ 70	LWZ 170	LWZ 170 plus	LWZ 270
Type	LWZ 70	LWZ 170	LWZ 170 plus	LWZ 270
Part no.	221409	221234	221235	221236
Height	600 mm	602 mm	602 mm	602
Width	560 mm	675 mm	675 mm	675
Depth	290 mm	445 mm	535 mm	445
Air flow rate	70-150 m ³ /h	70-250 m ³ /h	70-250 m ³ /h	70-350 m ³ /h
Specification				
Weight	25 kg	31 kg	35 kg	31 kg
Filter class	G3	G3	G3	G3
Air connector diameter	125 mm	160 mm	160 mm	160 mm
Rated voltage	230 V	230 V	230 V	230 V
Fan power consumption	80 W	130 W	130 W	230 W
Heat availability level up to	90 %	90 %	90 %	90 %
Heat recovery level (PHI)				86 %
Sound power level (EN 12102)	46 dB(A)	47 dB(A)	47 dB(A)	52 dB(A)

Sound pressure level at nominal flow rate; stage 3 (EN 12102)

Example



Type	
Type	LWZ 270 plus
Part no.	221237
Height	602 mm
Width	675 mm
Depth	535 mm
Air flow rate	70-350 m ³ /h
Specification	
Weight	35 kg
Filter class	G3
Air connector diameter	160 mm
Rated voltage	230 V
Fan power consumption	230 W
Heat availability level up to	90 %
Heat recovery level (PHI)	86 %
Sound power level (EN 12102)	52 dB(A)

Sound pressure level at nominal flow rate; stage 3 (EN 12102)

Example

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» **Our trade partners**

Our competent local contacts will assist you if you have any questions.

Installation information

Please ask your local power supply utility or a registered electrician to install appliances that are not fully wired, i.e. ready to plug in. The electrician should also be able to assist you with obtaining the agreement of the respective power supply utility required for the appliance installation.