

LWA 252 SOL

CENTRAL

PRODUCT-NO.: 074265

The LWA 252 central ventilation device was specifically designed for apartments and houses from 100 m². It represents an excellent addition to a second heat source and is therefore also ideally suited for retrofitting. The system generates a slight negative pressure in connected rooms, drawing the fresh air that is supplied from a decentralised location through air supply valves. A heat pump inside the unit recovers the thermal energy from the extract air and feeds it into the permanently integrated 300 litre cylinder. The decentralised air supply allows the installation to be carried out without a large proportion of the normally required ductwork. This obviously reduces the outlay for installation. Nevertheless, this process is extremely efficient, as the energy discharged with the extract air is used to heat the domestic hot water. The LWA 252 SOL ventilation unit is also perfect for combining with a solar heating system.



The main features

Compact device offering the following functions: Ventilation and DHW heating

Thermal insulation with low heat losses

Ventilation and DHW program

Can also be combined with a solar heating system (SOL version)



Type	LWA 252	LWA 252 SOL
Part no.	074264	074265
Width	696 mm	696 mm
Height	1860 mm	1860 mm
Depth	735 mm	735 mm
Air flow rate	80-400 m ³ /h	80-400 m ³ /h

Technical data

Energy efficiency class, DHW heating (extract air), load profile XL	A+	A+
Rated capacity	300 l	300 l
HP DHW temperature	60 °C	60 °C
Max. DHW temperature	70 °C	70 °C
Electric emergency/booster heater	1,5 kW	1,5 kW
Nominal DHW temperature (EN 16147)	55 °C	55 °C
Nominal load profile (EN16147)	XL	XL
Maximum available amount of DHW at 40 °C (EN 16147 / A20 extract air)	412 l	412 l
Average heating output (EN 16147 / A20 extract air)	1,4 kW	1,4 kW
Heat-up time (EN 16147 / A20 extract air)	11,3 h	11,3 h
Average heat pump power consumption (EN 16147 / A20 extract air)	0,4 kW	0,4 kW
Power consumption, standby period (EN 16147 / A20 extract air)	0,031 kW	0,031 kW
Performance factor (EN 16147 / A20 extract air)	3,42	3,42
Air connector diameter	160 mm	160 mm
Refrigerant	R134a	R134a
Refrigerant capacity	0,85 kg	0,85 kg

Application range min./max.	15...30 °C	15...30 °C
Weight	150 kg	180 kg
Sound power level (EN 12102)	45 dB(A)	45 dB(A)

Contact information

You have questions? We appreciate to help you:

Call **+49 5531 - 7020**

Write an email to **info@stiebel-eltron.com**

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.