



ZL 350 / ZL 550 central domestic ventilation unit with passive heat recovery and summer bypass

Energy-efficient, airtight building envelopes in newly constructed buildings lead to hazardous air quality

Newly constructed residential and commercial buildings need to fulfil extremely strict requirements regarding heat protection and building insulation. The aim of these requirements is to reduce energy consumption. However, while this benefits the environment and your pocket, it means problems for the indoor climate, as insufficient air exchange can lead to the build-up of moisture, mildew and stale air. This can be remedied by installing a modern ventilation system.

Controlled domestic ventilation from Dimplex - intelligent and energy-saving

The ZL 350 und ZL 550 ventilation units ensure a controlled air exchange in residential buildings of up to approx. 260 and 420 m². Air extraction takes place in the rooms with the most exposure to moisture and odours. Fresh air is channelled into living and bedrooms. The ventilation unit contains a cross counter flow heat exchanger, which heats the fresh air using heat extracted from the exhaust air. The building thus retains the majority of its heat energy. In summer, the automatic bypass can be used to create more pleasant temperatures in the building by using the cool night air.



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Dimplex
INNOVATIVE HEATING AND COOLING

Central domestic ventilation unit with high degree of heat recovery (up to 90%)

- ✓ Efficient EC ventilators
- ✓ Three ventilation levels, switchable via wired remote control (included in the scope of supply)
- ✓ Integrated temperature-controlled summer bypass automatically uses the cool evening air at night by interrupting heat recovery
- ✓ Lateral connections to the air distribution system

Intelligent detailed solutions

The ZL 350 / ZL 550 combine a compact, lightweight design with easy installation. It includes integrated ice protection with automatic defrosting. The filters can be changed simply and without tools, and maintenance work can be carried out via easily accessible components without having to remove the device from the pipe system.

ZL 350 / ZL 550 domestic heating devices with integrated bypass

Device information for ZL 350 / ZL 550

Order reference		ZL 350	ZL 550
Application in living spaces	m ²	Approx. 100-260	Approx. 160-420
Ventilator levels Automatic / manual regulation	Unit(s)	3/4	3/4
Air volume flow (at 120 Pa external pressure) max.	m ³ /h	330	530
Sound pressure level at a distance of 1m max.	dB(A)	51	57
Connection voltage	V	1/N/PE ~230 V, 50 Hz	1/N/PE ~230 V, 50 Hz
Power consumption, max.	W	154	246
Degree of protection according to VDE		IP 20	IP 20
Heat recovery efficiency	%	to 90	to 90
Filter class		G4	G4
Air connections	mm	Ø 160	Ø 250
Width x Height x Depth	mm	1180 x 600 x 580	1180 x 600 x 780

Accessories			
Replacement filter (2 units, filter class G4)		EFG 350 G4	EFG 550 G4
Replacement filter with pollen filter (1 unit G4 + 1 unit F7)		EFG 350 F7	EFG 550 F7

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Subject to change and errors!
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