Data Sheet
LWZ 180 / 280
Centralised Heat Recovery Ventilation
Centralised ventilation with a high rate of heat recovery and efficient operation

LWZ 180 / 280

Warranty
For full warranty information please visit www.stiebel.co.nz

The advantages

- Made in Germany
- Energy efficient with up to 94% heat recovery
- Designed for air flow rates of 60 – 350 m³/h
- Quiet, low power operation
- Replaces indoor air with filtered fresh air from outside

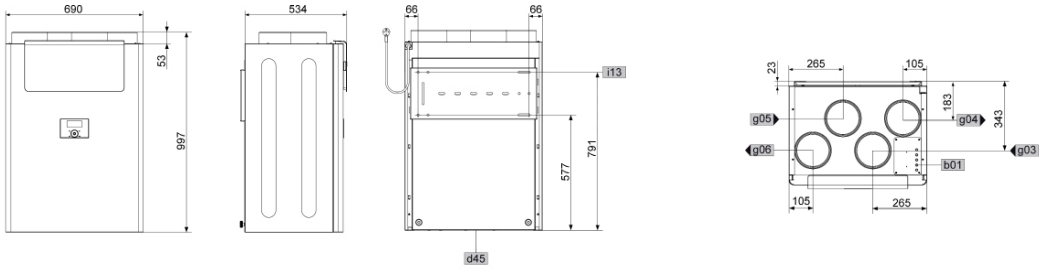
APPLICATION: Central ventilation unit with heat recovery for ventilating detached houses and small commercial properties.

EQUIPMENT/CONVENIENCE: Contemporary design with ergonomically designed programming unit and separate filter cover panel; can be used for detached houses and large apartments. Integral controller with multifunction display and seven-day program; can also be used as a remote control. High efficiency backwards-curved fans with constant flow rate control. High efficiency cross-countercurrent heat exchanger. Electric preheater in the form of a high performance heating coil. Bypass damper in supply air line, integral humidity sensor in extract air line. Straightforward filter replacement using combi filter cassettes. Fine dust filter available as an accessory.

EFFICIENCY: Backwards-curved constant flow rate fans with air flow rate control ensure balanced air flow rates, thereby promoting efficient operation.

INSTALLATION: Installation in dwellings, utility rooms, basement rooms, etc. The air connections are located at the top of the unit; easy access to the electrical connection panel without having to open the unit; duplex sheet steel casing; visible surface in alpine white with powder-coated finish.

LWZ 180 / 280 Dimensions



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STIEBEL ELTRON

Specification

		LWZ 180	LWZ 280
		232361	232362
Sound emissions			
Sound power level (EN 12102)	dB(A)	47	51
Energy data			
Energy efficiency class		A	A
Electrical data			
Rated voltage	V	230	230
Max. current consumption	A	6.9	7.1
Current consumption excl. preheating coil	A	0.4	0.6
Current consumption incl. preheating coil	A	6.9	7.1
Phases		1/N/PE	1/N/PE
Frequency	Hz	50	50
Power consumption	W	65	130
Power consumption without preheating coil	W	65	130
Power consumption incl. preheating coil	W	1565	1630
Versions			
IP rating		IP21	IP21
Filter class		M5/G4 (F7 optional)	M5/G4 (F7 optional)
Dimensions			
Height	mm	997	997
Width	mm	690	690
Depth	mm	534	534
Weight			
Weight	kg	75	75
Connections			
Air connector diameter	mm	160	160
Condensate connection	mm	22	22
Values			
Air flow rate	m³/h	60-250	60-350
Heat recovery level up to	%	93	93
Application range, extract air	°C	15-35	15 -35
Max. ambient temperature	°C	60	60
Available external pressure, ventilation	Pa	160	160

		LWZ 180	LWZ 280
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Heating function		-	-
Cooling function		-	-
Application range, modernisation		x	x
Application range, new build		x	x
Size of dwelling, new build	m²	< 200	< 240
DHW function		-	-
Solar function		-	-
Size of building, modernisation	m²	< 200	< 240