



**ENERG** Y IJA  
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**tecalor**

TZL 135 FRG



33  
dB

180 m<sup>3</sup>/h

**Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014**

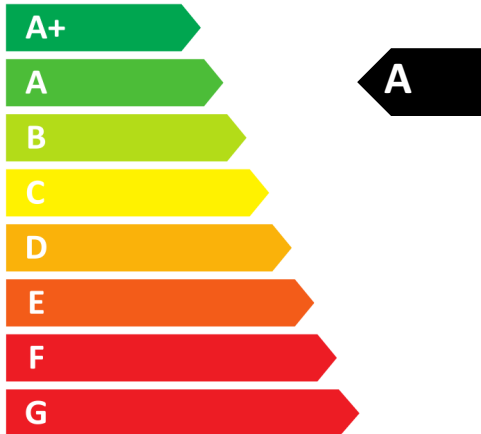
		<b>TZL 135 FRG</b>
		190600
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-68,92
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-34,02
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-11,41
Energy efficiency class under colder climate conditions with time control		A+
Energy efficiency class under average climate conditions with time control		A
Energy efficiency class under warmer climate conditions with time control		E
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	77,2
Max. air flow rate	m³/h	180
Max. power consumption	W	105
Sound power level LWA	dB(A)	33
Reference air flow rate	m³/s	0,035
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,27
Control factor, time control		0,95
Internal air leakage quota	%	2,22
External air leakage quota	%	2,78
Annual power consumption under colder climate conditions with time control	kWh/a	887
Annual power consumption under average climate conditions with time control	kWh/a	350
Annual power consumption under warmer climate conditions with time control	kWh/a	305
Annual heating savings under colder climate conditions with time control	kWh/a	8237
Annual heating savings under average climate conditions with time control	kWh/a	4210
Annual heating savings under warmer climate conditions with time control	kWh/a	1904



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		<b>TZL 135 FRG</b>
		190600
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-67,38
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-32,84
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-10,42
Energy efficiency class under colder climate conditions with manual control		A+
Energy efficiency class under average climate conditions with manual control		B
Energy efficiency class under warmer climate conditions with manual control		E
Ventilation unit type		WLA, Zwei Richtungen
Drive type		Drehzahl geregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	77,2
Max. air flow rate	m³/h	180
Max. power consumption	W	105
Sound power level LWA	dB(A)	33
Reference air flow rate	m³/s	0,035
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,27
Control factor, manual control		1,00
Internal air leakage quota	%	2,22
External air leakage quota	%	2,78
Annual power consumption under colder climate conditions with manual control	kWh/a	920
Annual power consumption under average climate conditions with manual control	kWh/a	383
Annual power consumption under warmer climate conditions with manual control	kWh/a	338
Annual heating savings under colder climate conditions with manual control	kWh/a	8166
Annual heating savings under average climate conditions with manual control	kWh/a	4174
Annual heating savings under warmer climate conditions with manual control	kWh/a	1888