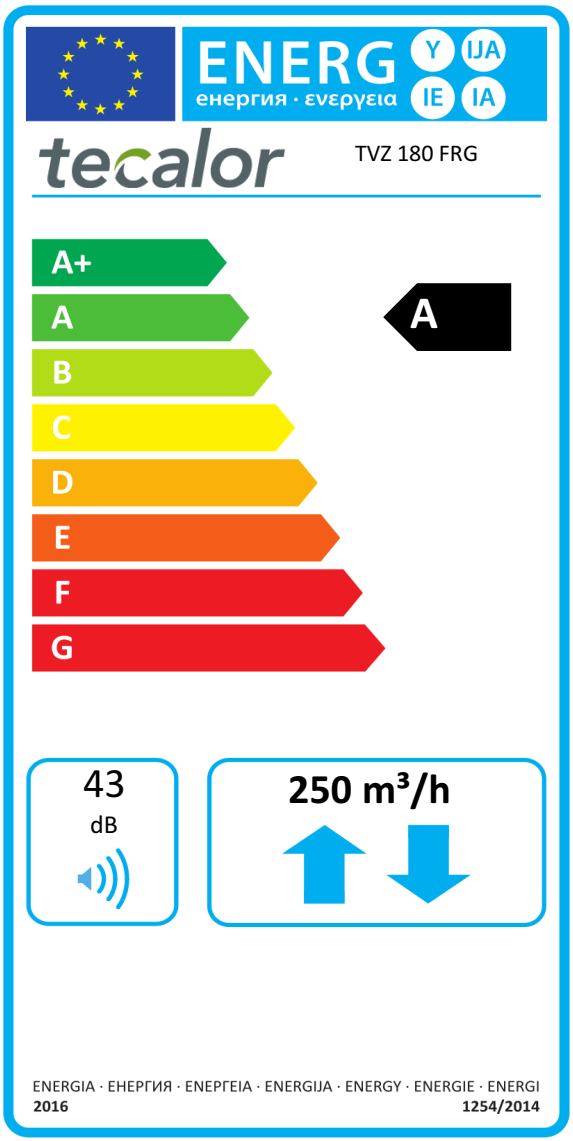
ENERG
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IJA
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tecalor
TVZ 180 FRG
A+
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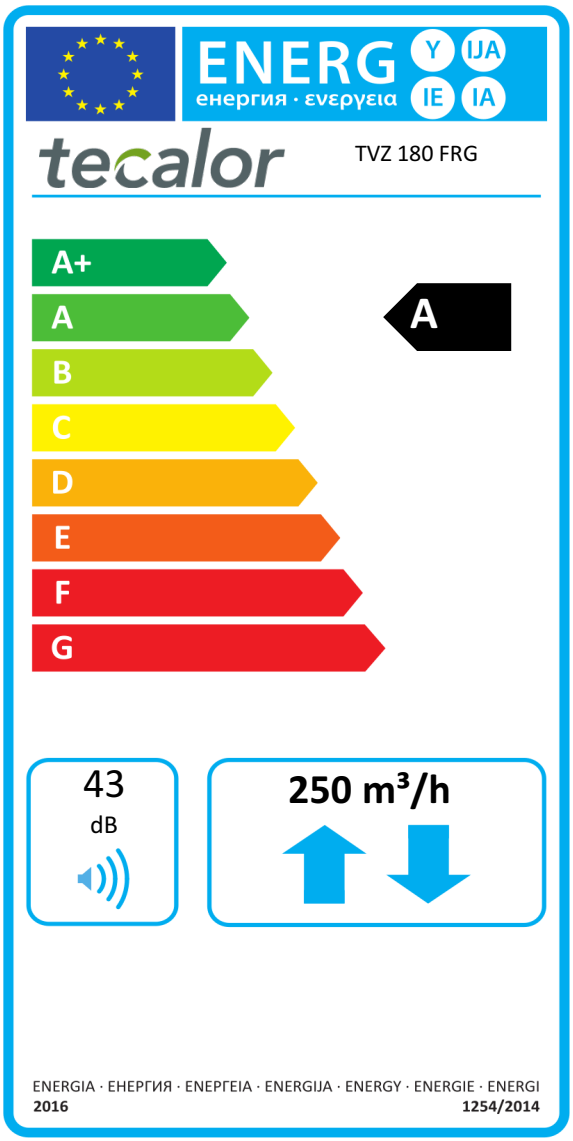
A
43
dB
250 m³/h
ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI
2016
1254/2014

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

		TVZ 180 FRG
		190574
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-75,45
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-39,21
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-15,83
Energy efficiency class under colder climate conditions with central demand-dependent control		A+
Energy efficiency class under average climate conditions with central demand-dependent control		A
Energy efficiency class under warmer climate conditions with central demand-dependent control		E
Ventilation unit type		Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	79,7
Max. air flow rate	m³/h	250
Max. power consumption	W	60
Sound power level LWA	dB(A)	43
Reference air flow rate	m³/s	0,049
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,17
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	1,59
External air leakage quota	%	0,44
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	745
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	208
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	163
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8511
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4351
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	1967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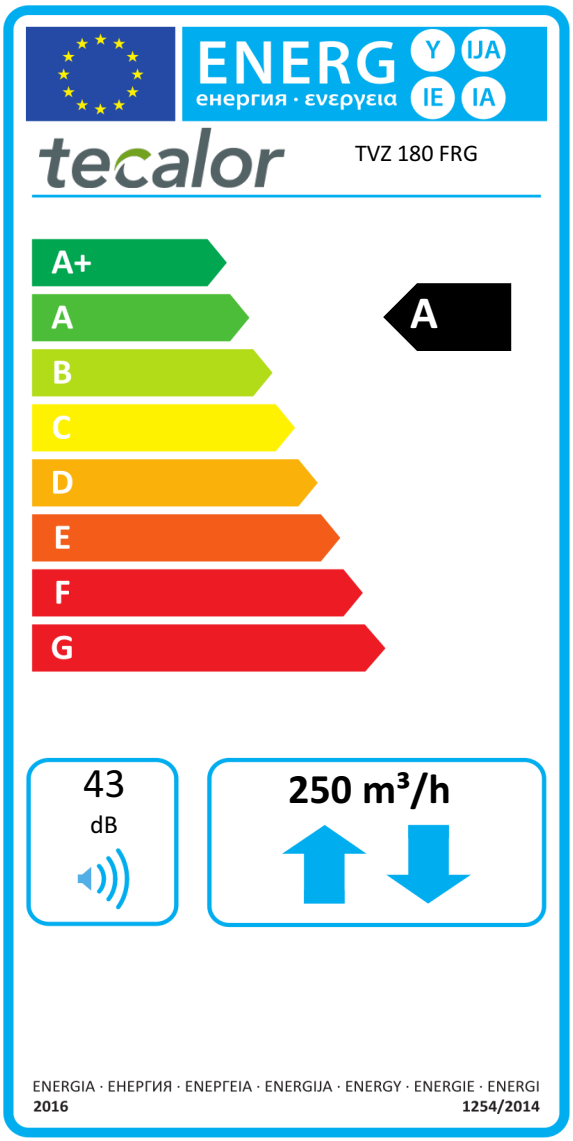
Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014

		TVZ 180 FRG
		190574
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-72,94
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-37,32
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-14,29
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		Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	79,7
Max. air flow rate	m³/h	250
Max. power consumption	W	60
Sound power level LWA	dB(A)	43
Reference air flow rate	m³/s	0,049
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,17
Control factor, time control		0,95
Internal air leakage quota	%	1,59
External air leakage quota	%	0,44
Annual power consumption under colder climate conditions with time control	kWh/a	785
Annual power consumption under average climate conditions with time control	kWh/a	248
Annual power consumption under warmer climate conditions with time control	kWh/a	203
Annual heating savings under colder climate conditions with time control	kWh/a	8385
Annual heating savings under average climate conditions with time control	kWh/a	4286
Annual heating savings under warmer climate conditions with time control	kWh/a	1938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2016
1254/2014

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

		TVZ 180 FRG
		190574
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-71,76
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-36,45
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-13,60
Energy efficiency class under colder climate conditions with manual control		A+
Energy efficiency class under average climate conditions with manual control		A
Energy efficiency class under warmer climate conditions with manual control		E
Ventilation unit type		Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	79,7
Max. air flow rate	m³/h	250
Max. power consumption	W	60
Sound power level LWA	dB(A)	43
Reference air flow rate	m³/s	0,049
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,17
Control factor, manual control		1,00
Internal air leakage quota	%	1,59
External air leakage quota	%	0,44
Annual power consumption under colder climate conditions with manual control	kWh/a	807
Annual power consumption under average climate conditions with manual control	kWh/a	270
Annual power consumption under warmer climate conditions with manual control	kWh/a	225
Annual heating savings under colder climate conditions with manual control	kWh/a	8322
Annual heating savings under average climate conditions with manual control	kWh/a	4254
Annual heating savings under warmer climate conditions with manual control	kWh/a	1924