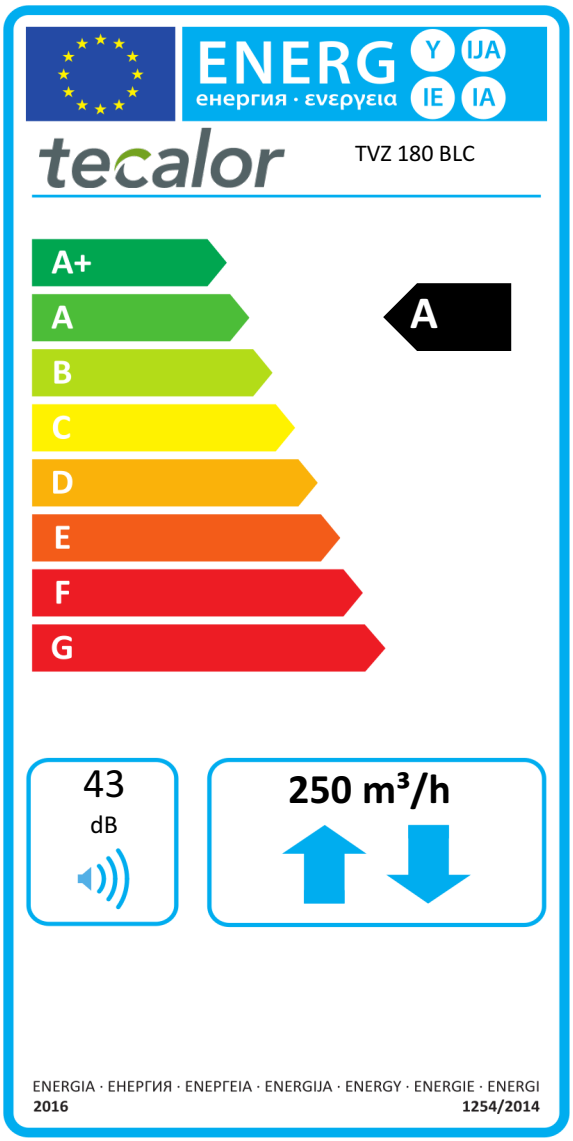
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TVZ 180 BLC
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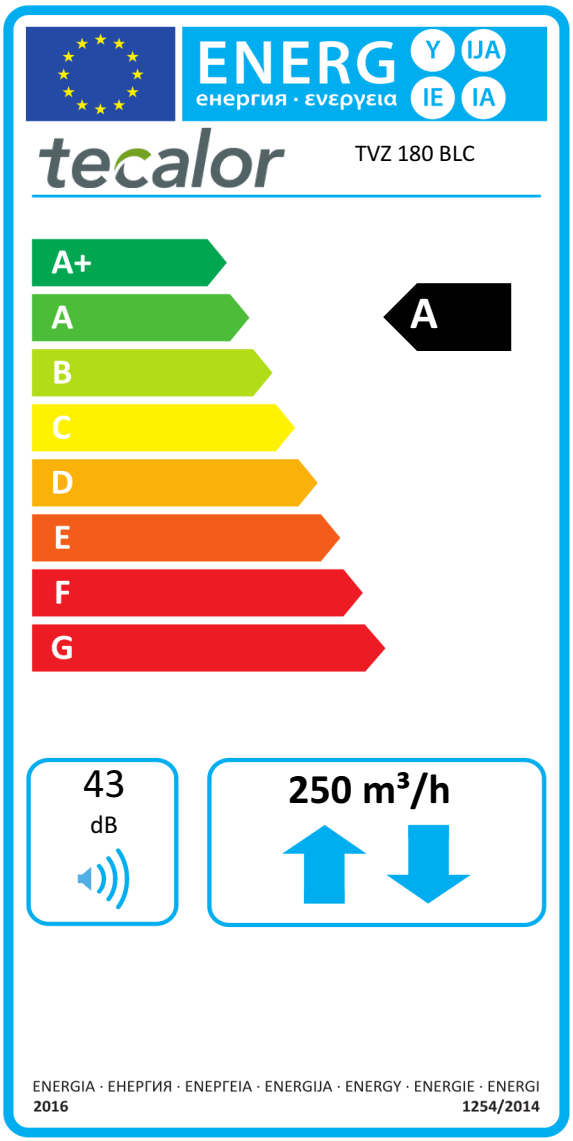
ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI
2016
1254/2014

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

		TVZ 180 BLC
		190533
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m²a)	-83,20
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m²a)	-43,82
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m²a)	-18,78
Energy efficiency class under colder climate conditions with control subject to on-site requirements		A+
Energy efficiency class under average climate conditions with control subject to on-site requirements		A+
Energy efficiency class under warmer climate conditions with control subject to on-site requirements		E
Ventilation unit type		Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	89,3
Max. air flow rate	m³/h	250
Max. power consumption	W	65
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)	0,18
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	0,63
External air leakage quota	%	0,44
Annual power consumption under colder climate conditions with control subject to on-site requirements	kWh/a	683
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	146
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	101
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	9153
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4679
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2116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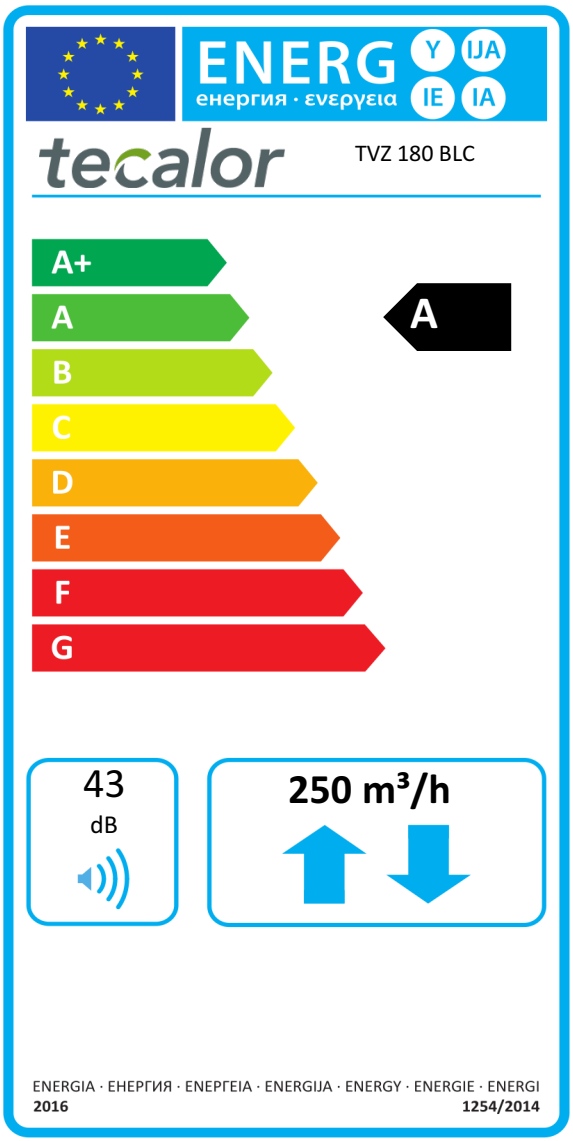
1254/2014

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

		TVZ 180 BLC
		190533
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-83,33
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-43,96
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-16,55
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	%	89,3
Max. air flow rate	m³/h	250
Max. power consumption	W	65
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)	0,18
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	0,63
External air leakage quota	%	0,44
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	754
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	217
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	172
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	9020
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4611
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2085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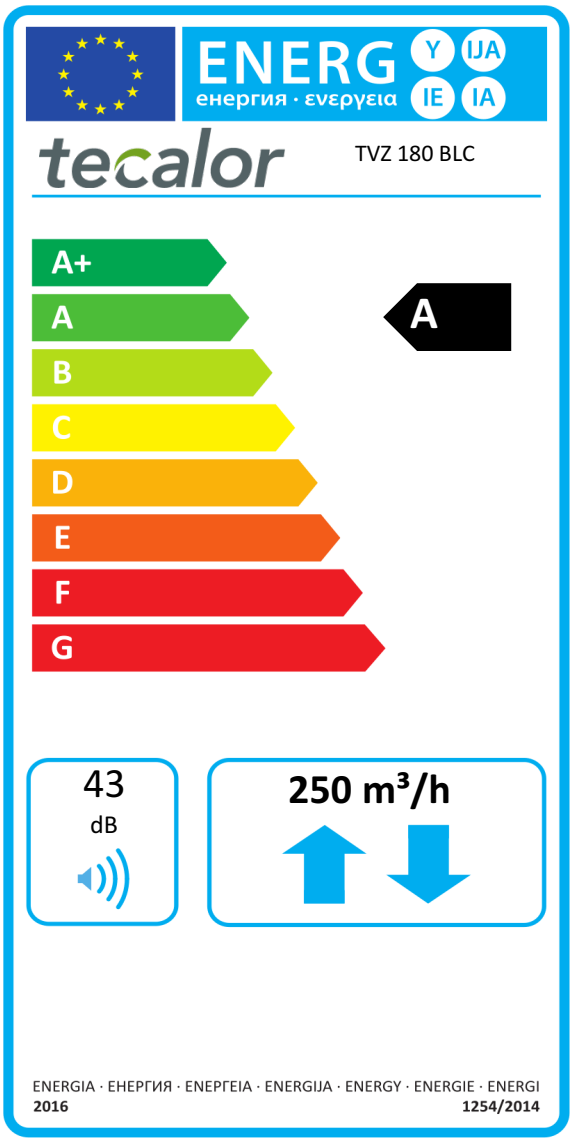
Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014

		TVZ 180 BLC
		190533
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-78,34
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-39,95
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-15,32
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	%	89,3
Max. air flow rate	m³/h	250
Max. power consumption	W	65
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)	0,18
Control factor, time control		0,95
Internal air leakage quota	%	0,63
External air leakage quota	%	0,44
Annual power consumption under colder climate conditions with time control	kWh/a	797
Annual power consumption under average climate conditions with time control	kWh/a	260
Annual power consumption under warmer climate conditions with time control	kWh/a	215
Annual heating savings under colder climate conditions with time control	kWh/a	8953
Annual heating savings under average climate conditions with time control	kWh/a	4577
Annual heating savings under warmer climate conditions with time control	kWh/a	2069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Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014

		TVZ 180 BLC
		190533
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-77,43
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-39,20
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-14,67
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	%	89,3
Max. air flow rate	m³/h	250
Max. power consumption	W	65
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)	0,18
Control factor, manual control		1,00
Internal air leakage quota	%	0,63
External air leakage quota	%	0,44
Annual power consumption under colder climate conditions with manual control	kWh/a	820
Annual power consumption under average climate conditions with manual control	kWh/a	283
Annual power consumption under warmer climate conditions with manual control	kWh/a	238
Annual heating savings under colder climate conditions with manual control	kWh/a	8920
Annual heating savings under average climate conditions with manual control	kWh/a	4560
Annual heating savings under warmer climate conditions with manual control	kWh/a	2062