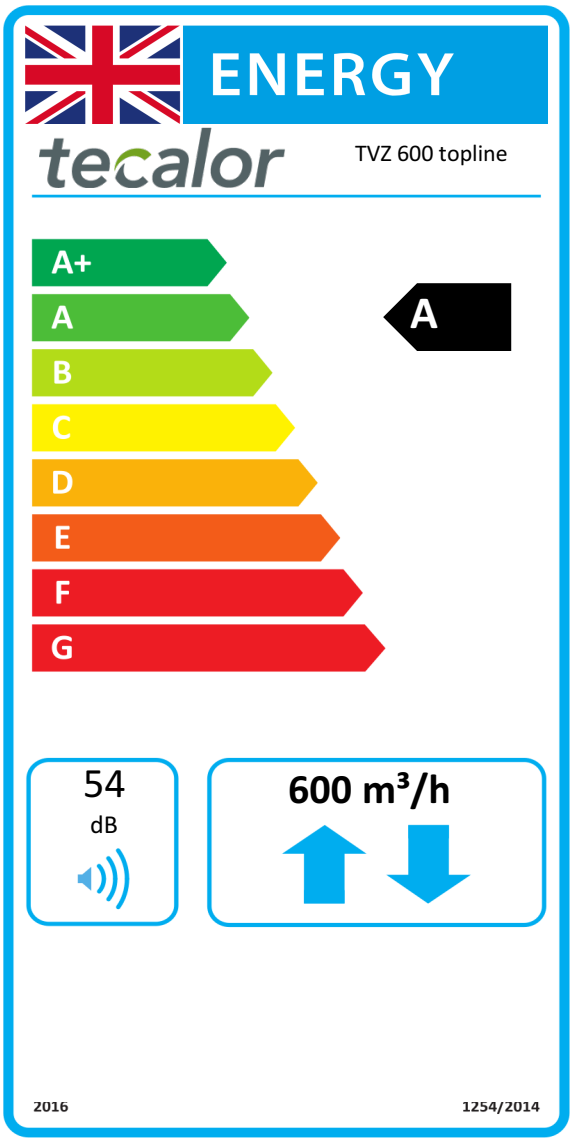
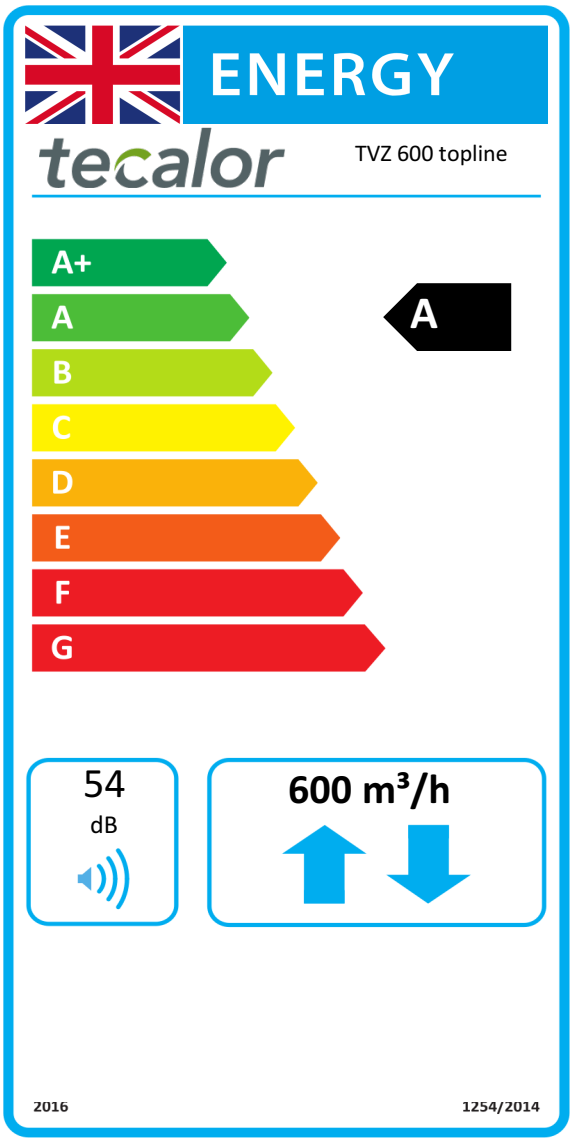

ENERGY
tecalor
TVZ 600 topline
A+
A
B
C
D
E
F
G
A
54
dB
600 m³/h
2016
1254/2014

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

		TVZ 600 topline
		190964
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m²a)	-81,98
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m²a)	-42,94
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m²a)	-17,95
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		WLA, Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	89,0
Max. air flow rate	m³/h	600
Max. power consumption	W	170
Sound power level LWA	dB(A)	54
Reference air flow rate	m³/s	0,117
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,23
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	0,78
External air leakage quota	%	0,59
Annual power consumption under colder climate conditions with control subject to on-site requirements	kWh/a	704
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	167
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	122
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	9084
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4644
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2100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tecalor
TVZ 600 topline
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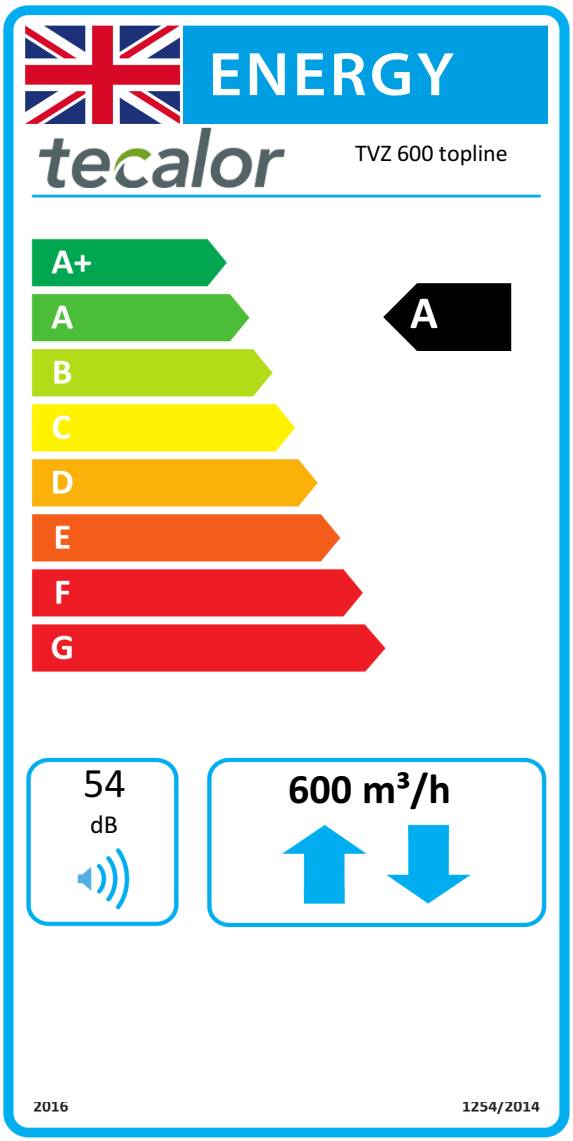
54
dB
600 m³/h
2016
1254/2014

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

		TVZ 600 topline
		190964
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-78,27
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-39,99
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-15,44
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		WLA, Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	89,0
Max. air flow rate	m³/h	600
Max. power consumption	W	170
Sound power level LWA	dB(A)	54
Reference air flow rate	m³/s	0,117
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,23
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	0,78
External air leakage quota	%	0,59
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	790
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	253
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	208
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8930
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4565
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2064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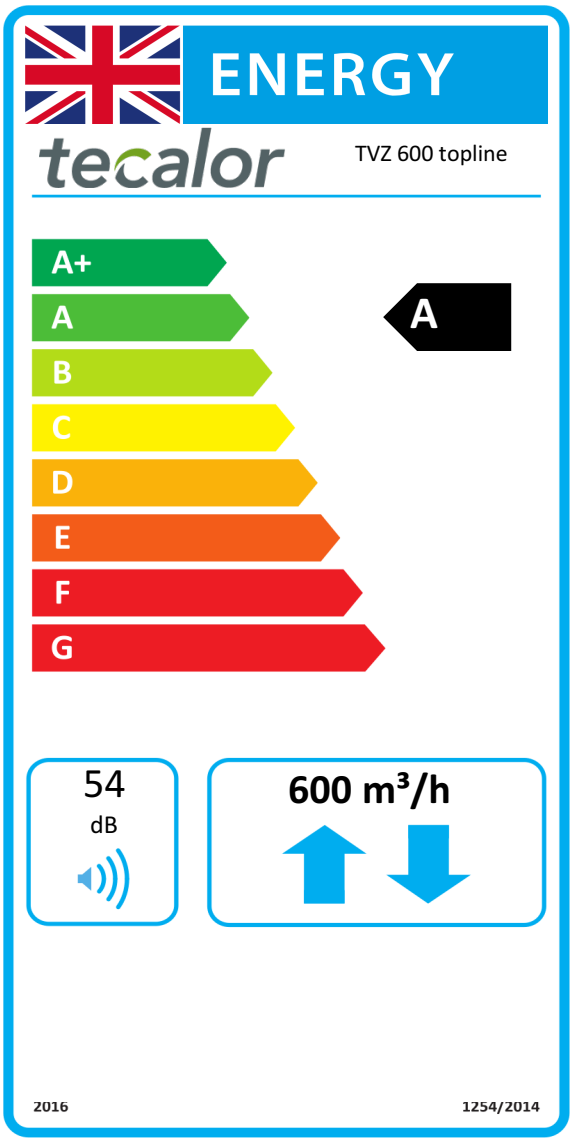
54
dB
600 m³/h
2016
1254/2014

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

		TVZ 600 topline
		190964
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-76,20
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-38,30
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-13,96
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		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	89,0
Max. air flow rate	m³/h	600
Max. power consumption	W	170
Sound power level LWA	dB(A)	54
Reference air flow rate	m³/s	0,117
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,23
Control factor, time control		0,95
Internal air leakage quota	%	0,78
External air leakage quota	%	0,59
Annual power consumption under colder climate conditions with time control	kWh/a	842
Annual power consumption under average climate conditions with time control	kWh/a	305
Annual power consumption under warmer climate conditions with time control	kWh/a	260
Annual heating savings under colder climate conditions with time control	kWh/a	8852
Annual heating savings under average climate conditions with time control	kWh/a	4525
Annual heating savings under warmer climate conditions with time control	kWh/a	2046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dB
600 m³/h
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1254/2014

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

		TVZ 600 topline
		190964
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-75,12
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-37,40
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-13,17
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		WLA, Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	89,0
Max. air flow rate	m³/h	600
Max. power consumption	W	170
Sound power level LWA	dB(A)	54
Reference air flow rate	m³/s	0,117
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,23
Control factor, manual control		1,00
Internal air leakage quota	%	0,78
External air leakage quota	%	0,59
Annual power consumption under colder climate conditions with manual control	kWh/a	870
Annual power consumption under average climate conditions with manual control	kWh/a	333
Annual power consumption under warmer climate conditions with manual control	kWh/a	288
Annual heating savings under colder climate conditions with manual control	kWh/a	8814
Annual heating savings under average climate conditions with manual control	kWh/a	4505
Annual heating savings under warmer climate conditions with manual control	kWh/a	2037