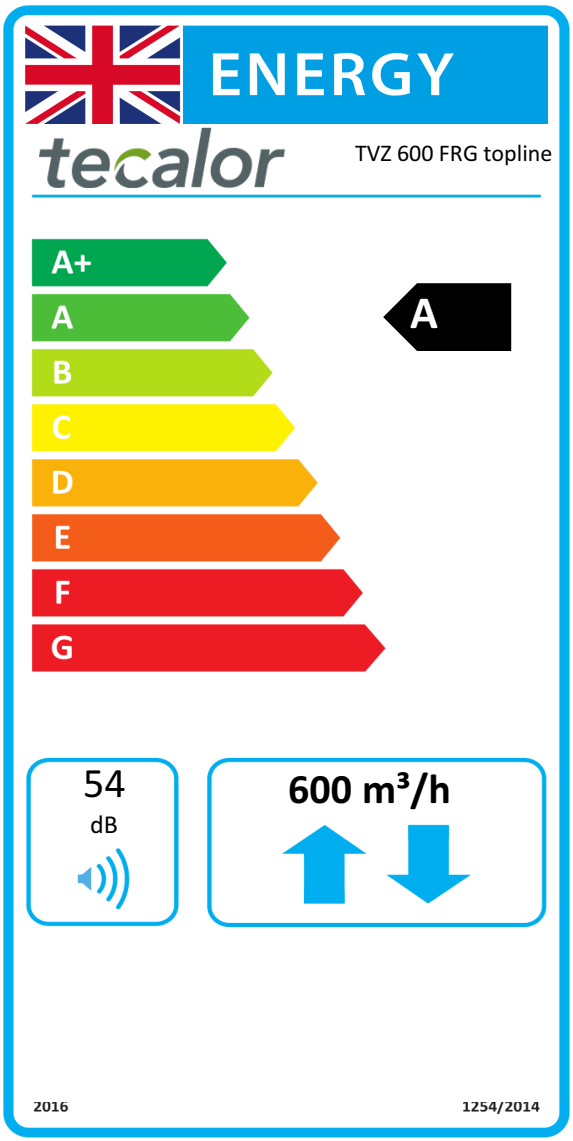
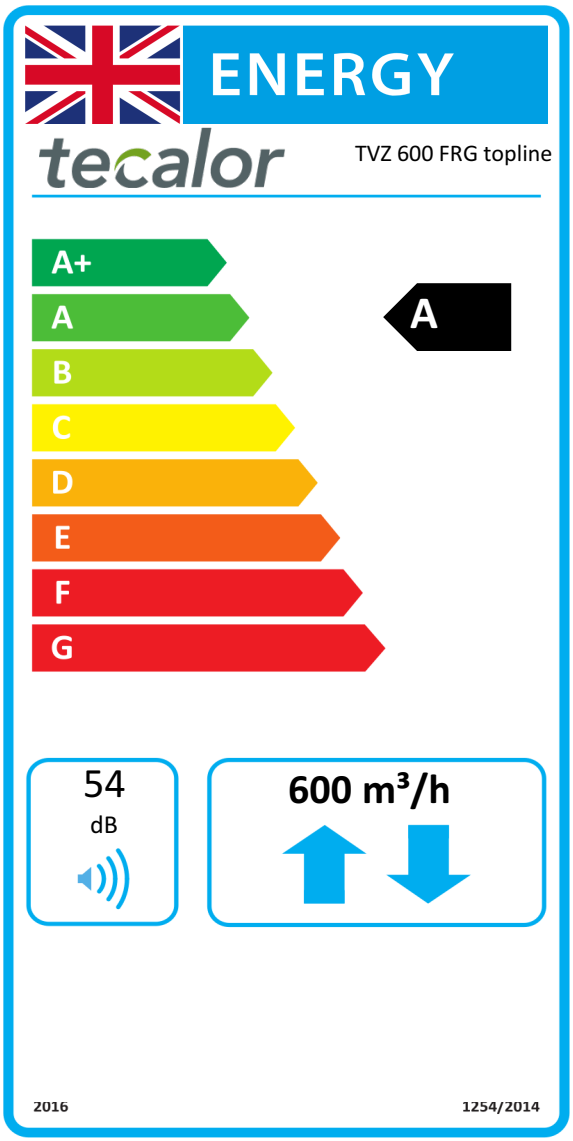

ENERGY
tecalor
TVZ 600 FRG topline
A+
A
B
C
D
E
F
G
A
54
dB
600 m³/h
2016
1254/2014

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

		TVZ 600 FRG topline
		190965
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m²a)	-77,06
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m²a)	-40,56
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m²a)	-17,02
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	%	74,8
Max. air flow rate	m³/h	600
Max. power consumption	W	222
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)	0,25
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	0,83
External air leakage quota	%	0,59
Annual power consumption under colder climate conditions with control subject to on-site requirements	kWh/a	693
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	156
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	111
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	8566
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4379
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	1980


ENERGY
tecalor
TVZ 600 FRG topline
A+
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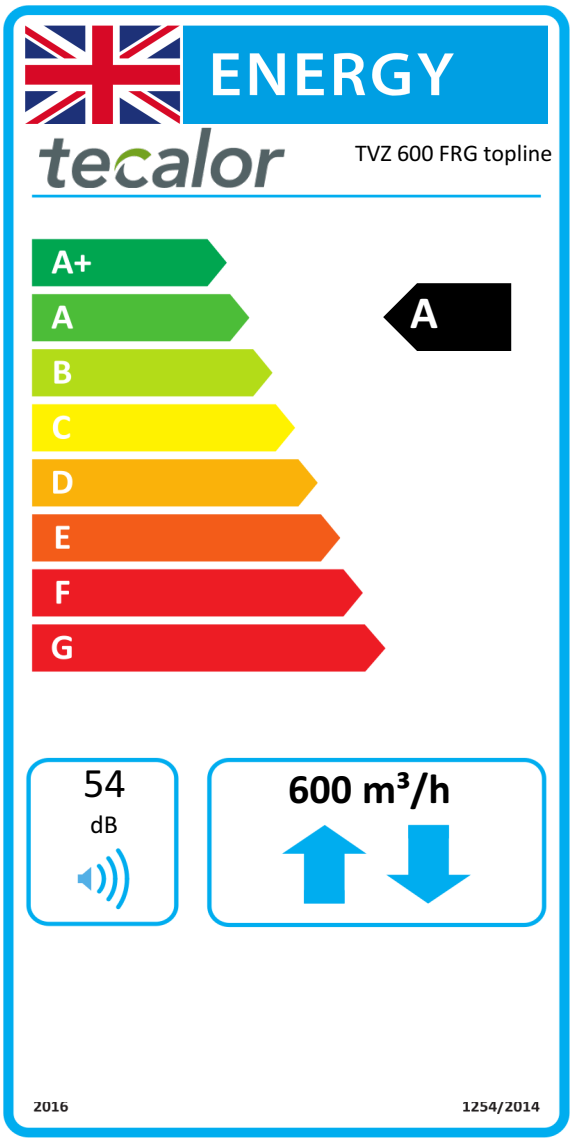
54
dB
600 m³/h
2016
1254/2014

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

		TVZ 600 FRG topline
		190965
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-71,95
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-36,98
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-14,32
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	%	74,8
Max. air flow rate	m³/h	600
Max. power consumption	W	222
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)	0,25
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	0,83
External air leakage quota	%	0,59
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	772
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	235
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	190
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8252
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4218
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	1907


ENERGY
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TVZ 600 FRG topline
A+
A
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D
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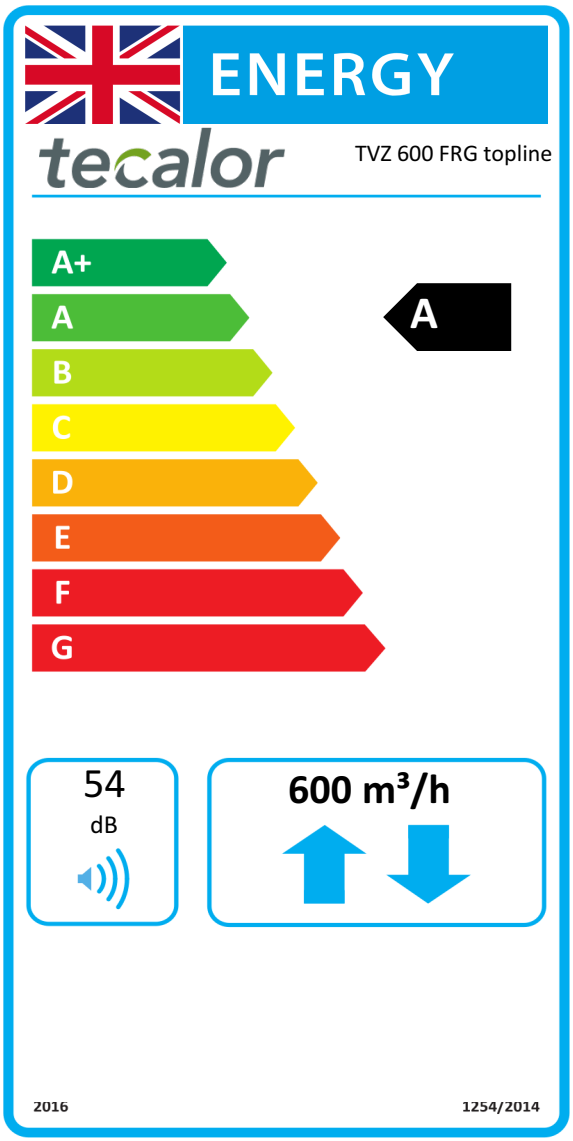
A
54
dB
600 m³/h
2016
1254/2014

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

		TVZ 600 FRG topline
		190965
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-69,19
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-34,99
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-12,78
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	%	74,8
Max. air flow rate	m³/h	600
Max. power consumption	W	222
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)	0,25
Control factor, time control		0,95
Internal air leakage quota	%	0,83
External air leakage quota	%	0,59
Annual power consumption under colder climate conditions with time control	kWh/a	819
Annual power consumption under average climate conditions with time control	kWh/a	282
Annual power consumption under warmer climate conditions with time control	kWh/a	237
Annual heating savings under colder climate conditions with time control	kWh/a	8095
Annual heating savings under average climate conditions with time control	kWh/a	4138
Annual heating savings under warmer climate conditions with time control	kWh/a	1871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dB
600 m³/h
2016
1254/2014

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

		TVZ 600 FRG topline
		190965
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-67,77
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-33,95
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-11,95
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		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	74,8
Max. air flow rate	m³/h	600
Max. power consumption	W	222
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)	0,25
Control factor, manual control		1,00
Internal air leakage quota	%	0,83
External air leakage quota	%	0,59
Annual power consumption under colder climate conditions with manual control	kWh/a	845
Annual power consumption under average climate conditions with manual control	kWh/a	308
Annual power consumption under warmer climate conditions with manual control	kWh/a	263
Annual heating savings under colder climate conditions with manual control	kWh/a	8016
Annual heating savings under average climate conditions with manual control	kWh/a	4098
Annual heating savings under warmer climate conditions with manual control	kWh/a	1853