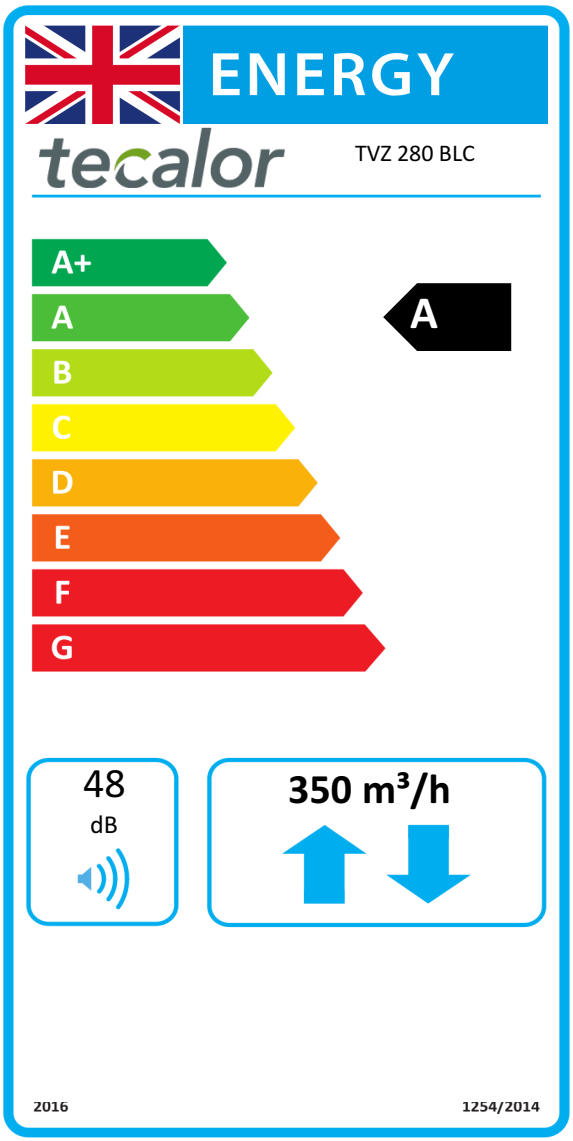
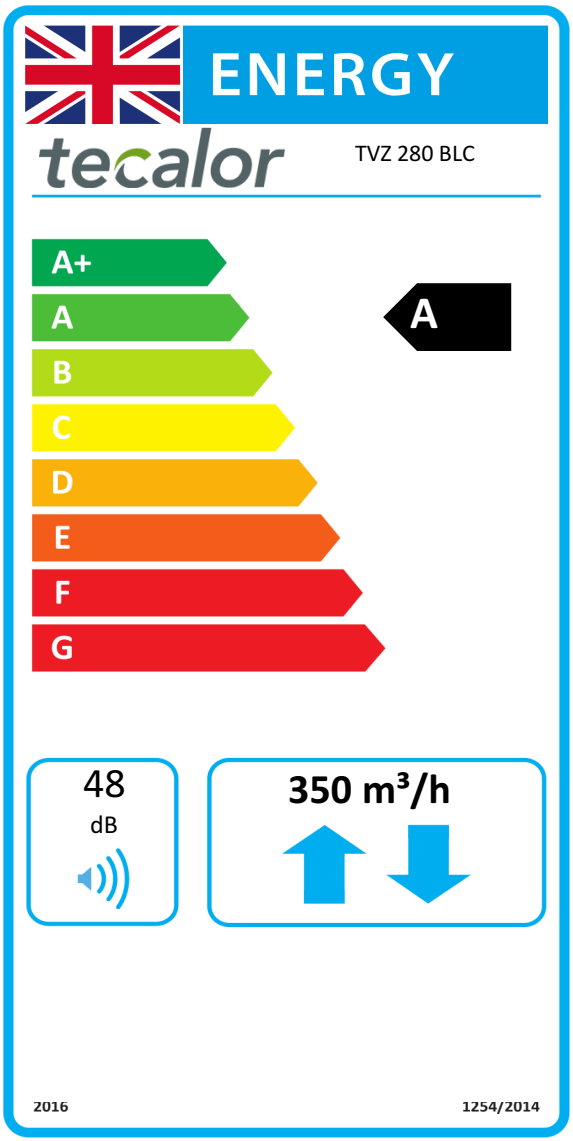

ENERGY
tecalor
TVZ 280 BLC
A+
A
B
C
D
E
F
G
A
48
dB
350 m³/h
2016
1254/2014

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

		TVZ 280 BLC
		190534
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m²a)	-82,26
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m²a)	-43,09
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m²a)	-18,02
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		Zwei Richtungen
Drive type		Drehzahlgeregelt
Heat recovery type		Rekuperativ
Rate of temperature change for heat recovery	%	88,3
Max. air flow rate	m³/h	350
Max. power consumption	W	115
Sound power level LWA	dB(A)	48
Reference air flow rate	m³/s	0,068
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	0,45
External air leakage quota	%	0,32
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	9113
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4658
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2106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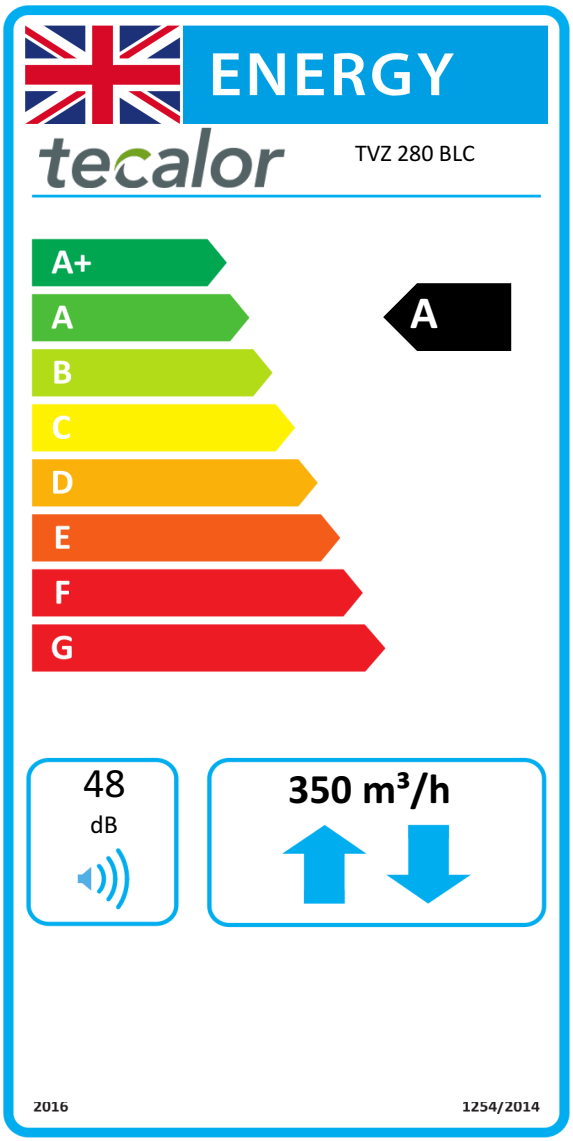
dB
350 m³/h
2016
1254/2014

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

		TVZ 280 BLC
		190534
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-82,53
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-43,35
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-18,29
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	%	88,3
Max. air flow rate	m³/h	350
Max. power consumption	W	115
Sound power level LWA	dB(A)	48
Reference air flow rate	m³/s	0,068
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	0,45
External air leakage quota	%	0,32
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	8967
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4584
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2073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dB
350 m³/h
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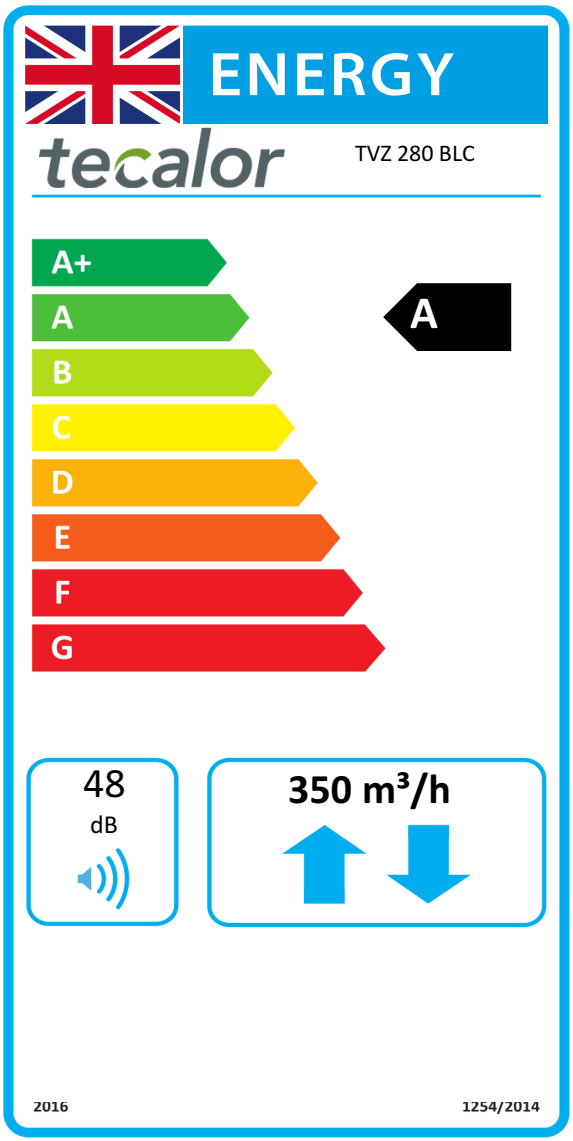
Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014

		TVZ 280 BLC
		190534
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-76,62
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-38,51
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-14,06
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	%	88,3
Max. air flow rate	m³/h	350
Max. power consumption	W	115
Sound power level LWA	dB(A)	48
Reference air flow rate	m³/s	0,068
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, time control		0,95
Internal air leakage quota	%	0,45
External air leakage quota	%	0,32
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	8894
Annual heating savings under average climate conditions with time control	kWh/a	4546
Annual heating savings under warmer climate conditions with time control	kWh/a	2056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350 m³/h
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1254/2014

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

		TVZ 280 BLC
		190534
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-75,55
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-37,62
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-13,27
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	%	88,3
Max. air flow rate	m³/h	350
Max. power consumption	W	115
Sound power level LWA	dB(A)	48
Reference air flow rate	m³/s	0,068
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, manual control		1,00
Internal air leakage quota	%	0,45
External air leakage quota	%	0,32
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	8857
Annual heating savings under average climate conditions with manual control	kWh/a	4528
Annual heating savings under warmer climate conditions with manual control	kWh/a	2047