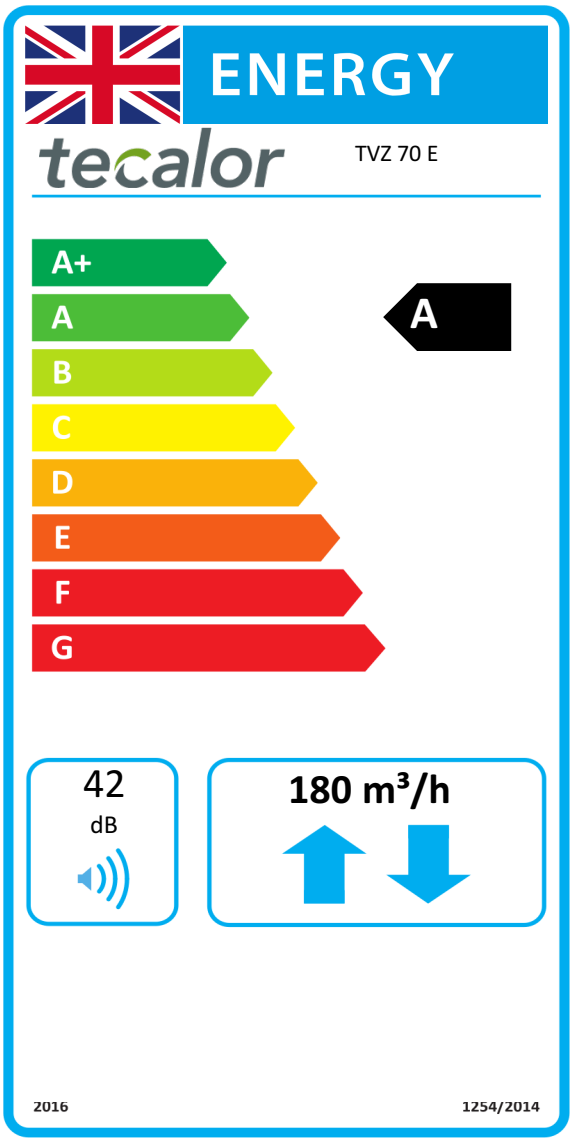
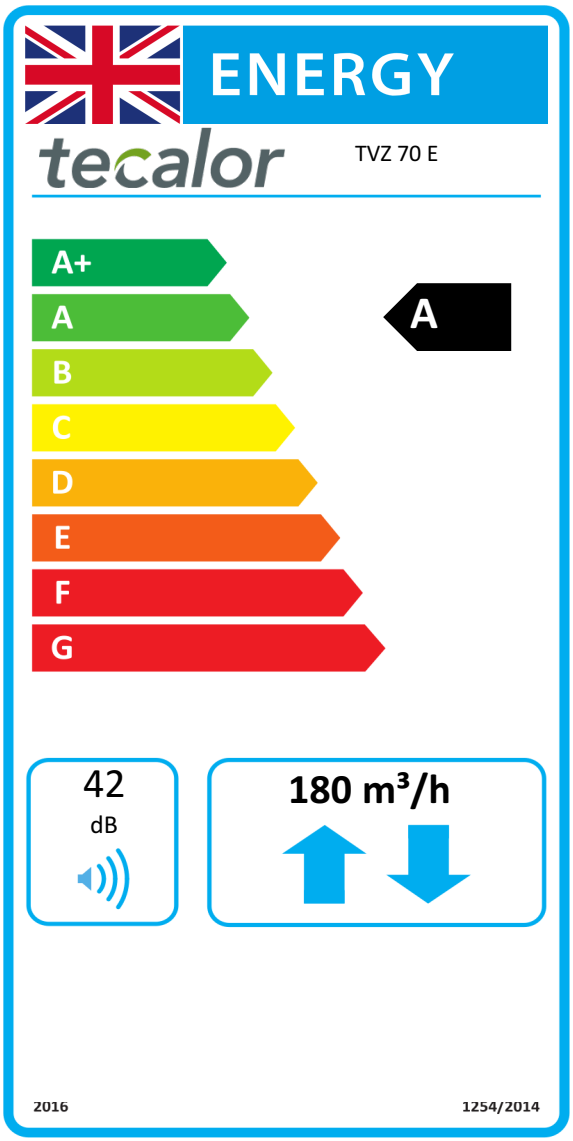

ENERGY
tecalor
TVZ 70 E
A+
A
B
C
D
E
F
G
A
42
dB
180 m³/h
2016
1254/2014

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

		TVZ 70 E
		190391
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m²a)	-81,30
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m²a)	-41,95
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m²a)	-16,78
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	%	89,0
Max. air flow rate	m³/h	180
Max. power consumption	W	82
Sound power level LWA	dB(A)	42
Reference air flow rate	m³/s	0,035
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,33
Control factor, control subject to on-site requirements		0,65
External air leakage quota	%	7,20
Annual power consumption under colder climate conditions with control subject to on-site requirements	kWh/a	851
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	314
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	269
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	9149
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4677
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2115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dB
180 m³/h
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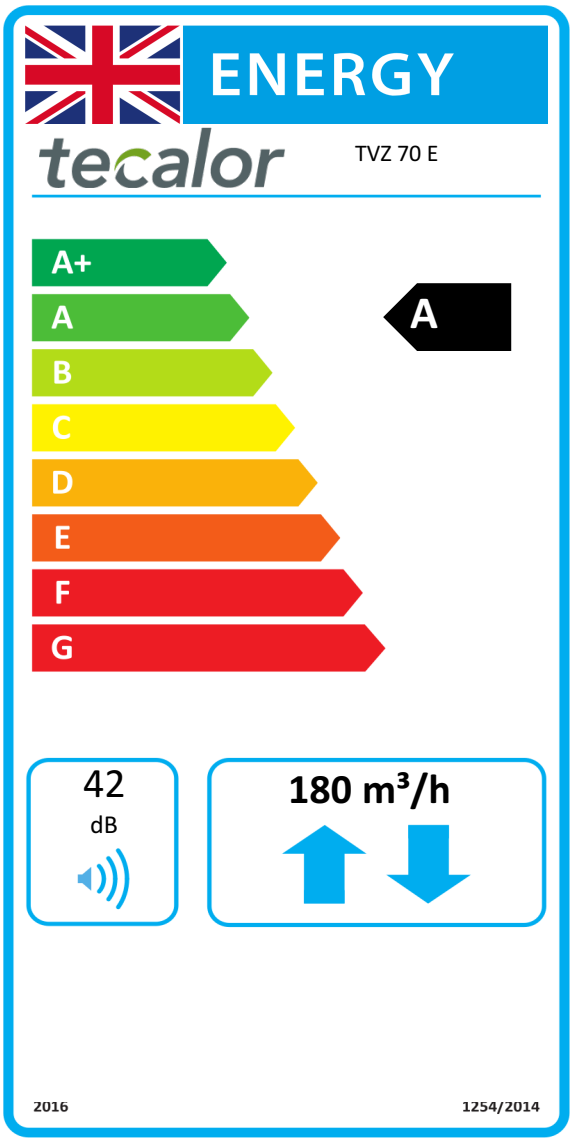
1254/2014

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

		TVZ 70 E
		190391
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-76,86
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-38,16
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-13,37
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	%	89,0
Max. air flow rate	m³/h	180
Max. power consumption	W	82
Sound power level LWA	dB(A)	42
Reference air flow rate	m³/s	0,035
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,33
Control factor, central demand-dependent control		0,85
External air leakage quota	%	7,20
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	933
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	396
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	351
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	9015
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4602
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2084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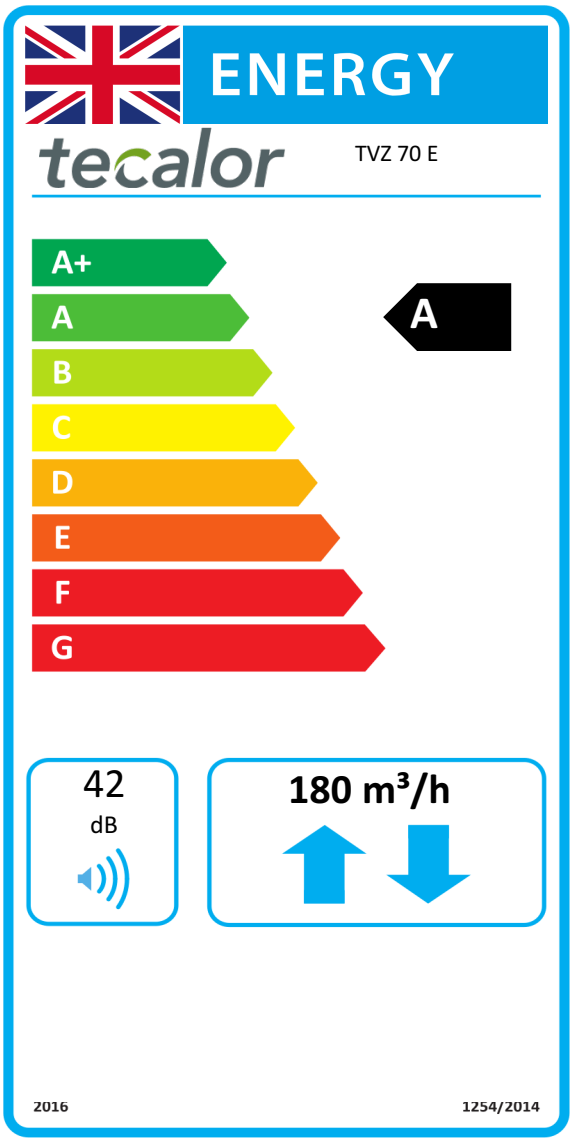
dB
180 m³/h
2016
1254/2014

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

		TVZ 70 E
		190391
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-74,33
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-35,96
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-11,35
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	%	89,0
Max. air flow rate	m³/h	180
Max. power consumption	W	82
Sound power level LWA	dB(A)	42
Reference air flow rate	m³/s	0,035
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,33
Control factor, time control		0,95
External air leakage quota	%	7,20
Annual power consumption under colder climate conditions with time control	kWh/a	975
Annual power consumption under average climate conditions with time control	kWh/a	438
Annual power consumption under warmer climate conditions with time control	kWh/a	393
Annual heating savings under colder climate conditions with time control	kWh/a	8947
Annual heating savings under average climate conditions with time control	kWh/a	4574
Annual heating savings under warmer climate conditions with time control	kWh/a	2068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180 m³/h
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1254/2014

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

		TVZ 70 E
		190391
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-72,98
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-34,78
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-10,27
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	%	89,0
Max. air flow rate	m³/h	180
Max. power consumption	W	82
Sound power level LWA	dB(A)	42
Reference air flow rate	m³/s	0,035
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,33
Control factor, manual control		1,00
External air leakage quota	%	7,20
Annual power consumption under colder climate conditions with manual control	kWh/a	995
Annual power consumption under average climate conditions with manual control	kWh/a	458
Annual power consumption under warmer climate conditions with manual control	kWh/a	413
Annual heating savings under colder climate conditions with manual control	kWh/a	8914
Annual heating savings under average climate conditions with manual control	kWh/a	4556
Annual heating savings under warmer climate conditions with manual control	kWh/a	2060