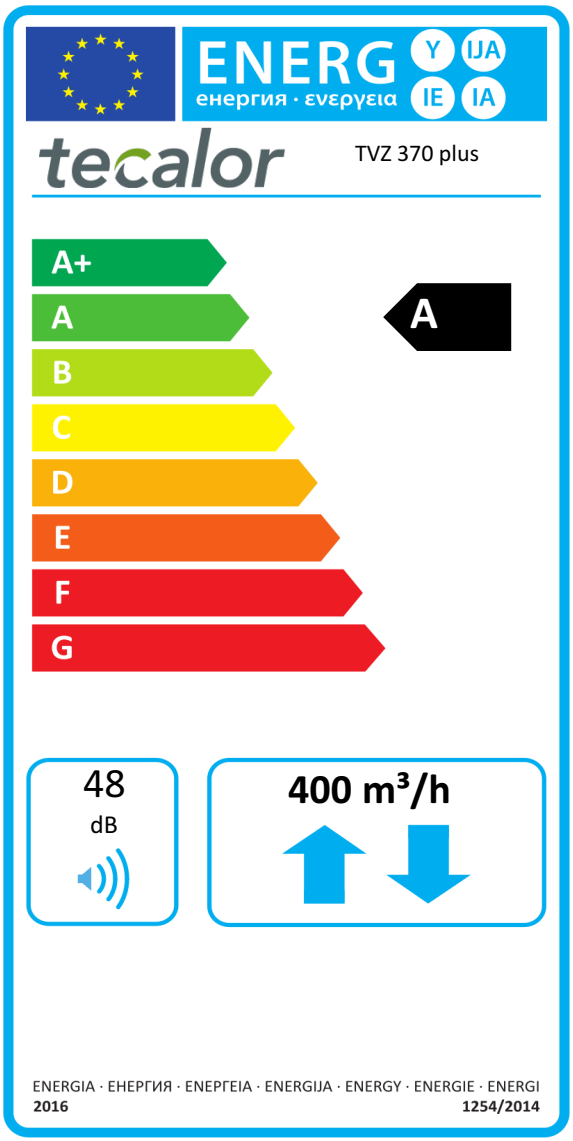
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TVZ 370 plus
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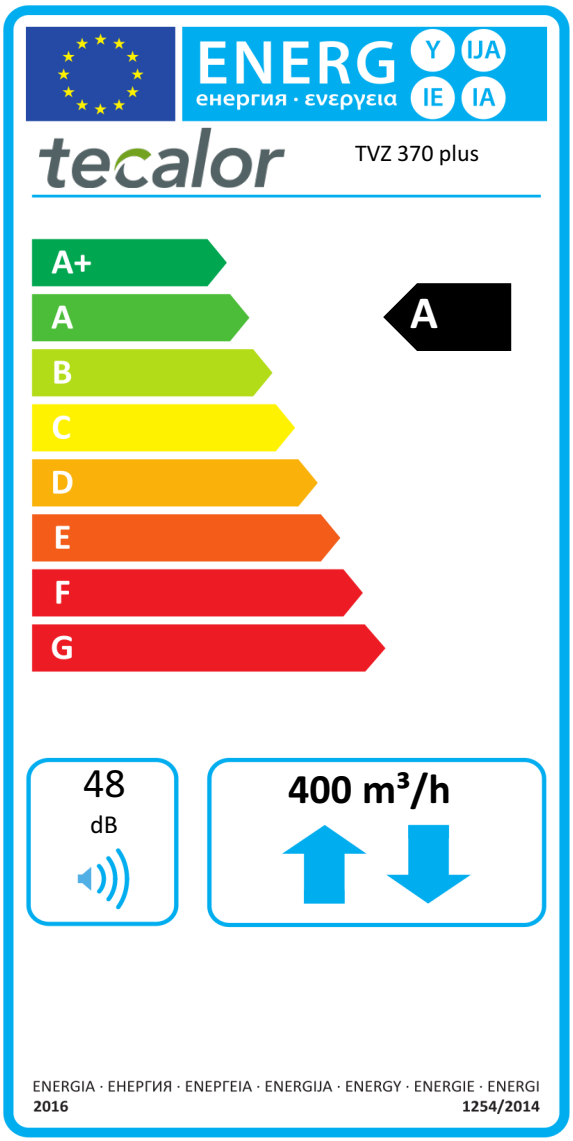
2016
1254/2014

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

		TVZ 370 plus
		190310
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m²a)	-80,79
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m²a)	-42,27
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m²a)	-17,58
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	%	85,0
Max. air flow rate	m³/h	400
Max. power consumption	W	142
Sound power level LWA	dB(A)	48
Reference air flow rate	m³/s	0,078
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,24
Control factor, control subject to on-site requirements		0,65
External air leakage quota	%	14,30
Annual power consumption under colder climate conditions with control subject to on-site requirements	kWh/a	777
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	240
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	195
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	8979
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4590
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2075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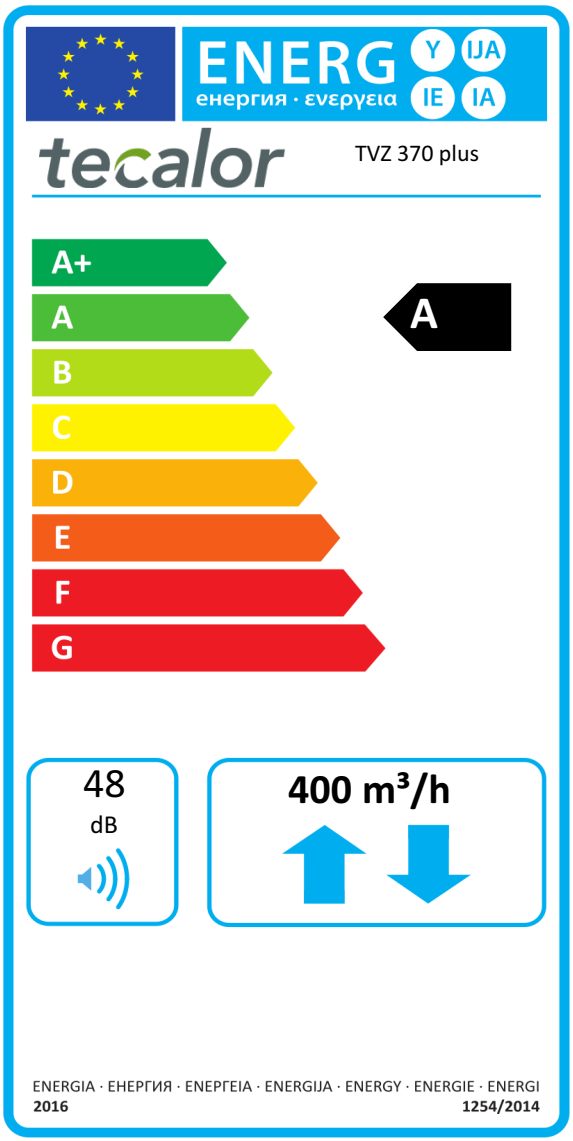
Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014

		TVZ 370 plus
		190310
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-76,67
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-39,06
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-14,89
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	%	85,0
Max. air flow rate	m³/h	400
Max. power consumption	W	142
Sound power level LWA	dB(A)	48
Reference air flow rate	m³/s	0,078
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,24
Control factor, central demand-dependent control		0,85
External air leakage quota	%	14,30
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	838
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	301
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	256
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	8792
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4494
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2032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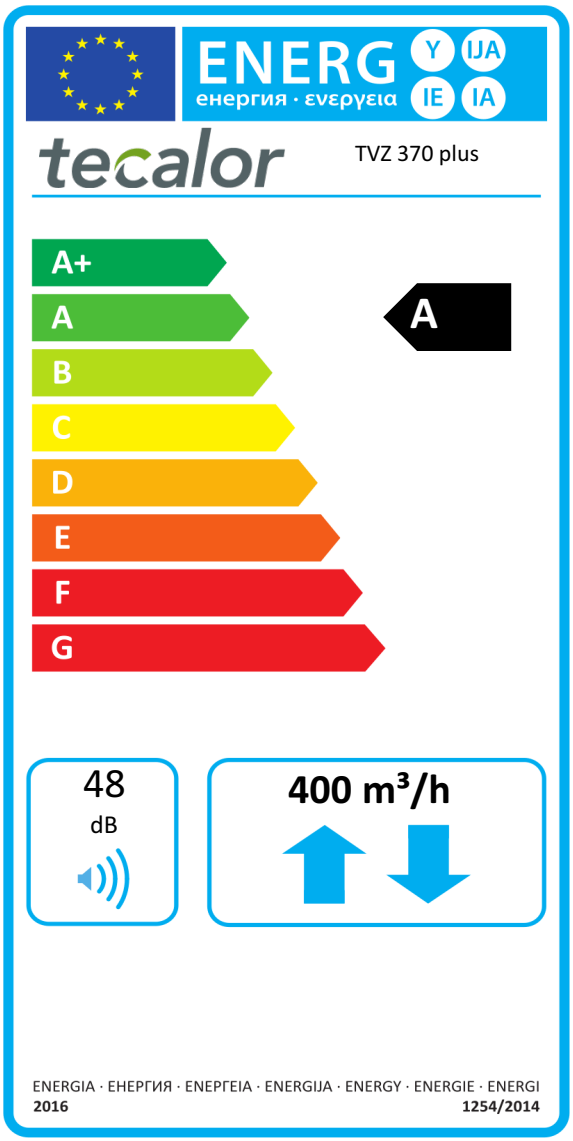
Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014

		TVZ 370 plus
		190310
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-74,38
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-37,23
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-13,32
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	%	85,0
Max. air flow rate	m³/h	400
Max. power consumption	W	142
Sound power level LWA	dB(A)	48
Reference air flow rate	m³/s	0,078
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,24
Control factor, time control		0,95
External air leakage quota	%	14,30
Annual power consumption under colder climate conditions with time control	kWh/a	868
Annual power consumption under average climate conditions with time control	kWh/a	331
Annual power consumption under warmer climate conditions with time control	kWh/a	286
Annual heating savings under colder climate conditions with time control	kWh/a	8699
Annual heating savings under average climate conditions with time control	kWh/a	4494
Annual heating savings under warmer climate conditions with time control	kWh/a	2011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Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014

		TVZ 370 plus
		190310
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-73,18
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-36,26
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-12,48
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	%	85,0
Max. air flow rate	m³/h	400
Max. power consumption	W	142
Sound power level LWA	dB(A)	48
Reference air flow rate	m³/s	0,078
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,24
Control factor, manual control		1,00
External air leakage quota	%	14,30
Annual power consumption under colder climate conditions with manual control	kWh/a	883
Annual power consumption under average climate conditions with manual control	kWh/a	346
Annual power consumption under warmer climate conditions with manual control	kWh/a	301
Annual heating savings under colder climate conditions with manual control	kWh/a	8652
Annual heating savings under average climate conditions with manual control	kWh/a	4423
Annual heating savings under warmer climate conditions with manual control	kWh/a	2000