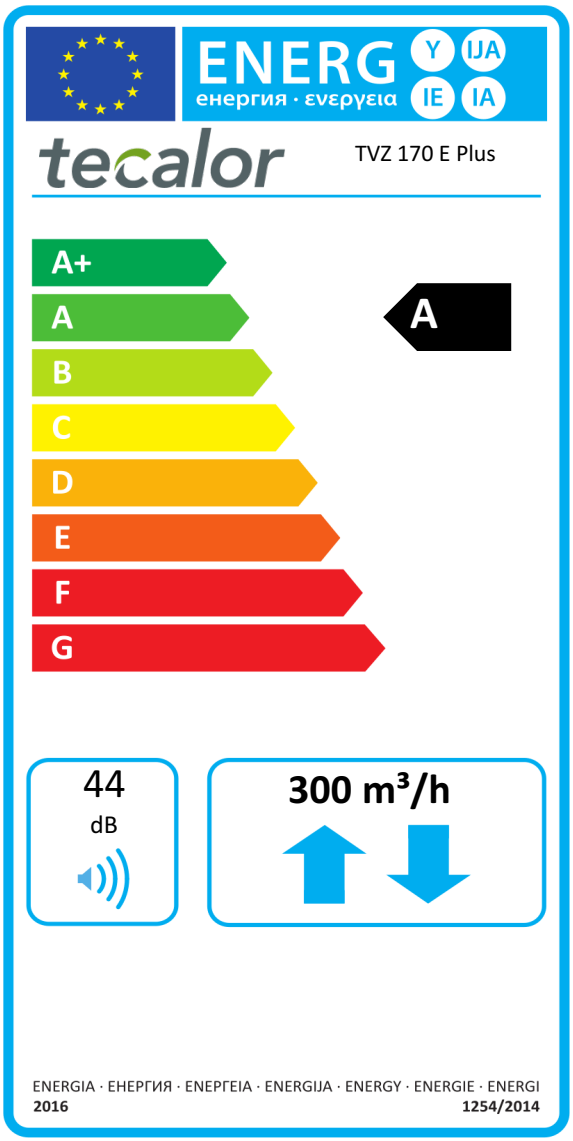
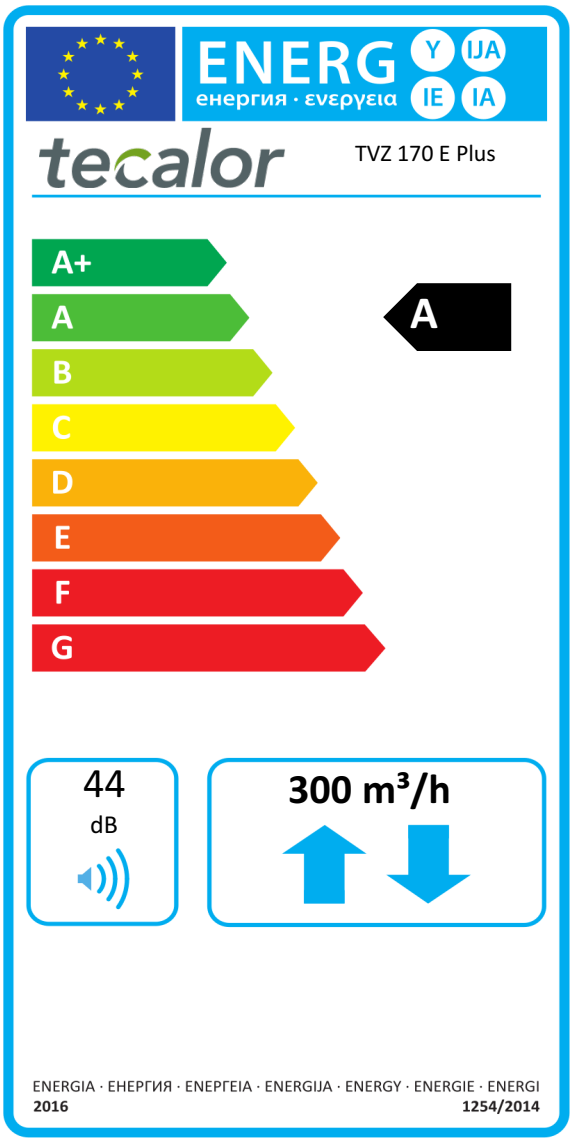

ENERG
енергия · ενεργεια
Y
IJA
IE
IA
tecalor
TVZ 170 E Plus
A+
A
B
C
D
E
F
G
A
44
dB
300 m³/h
ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI
2016
1254/2014

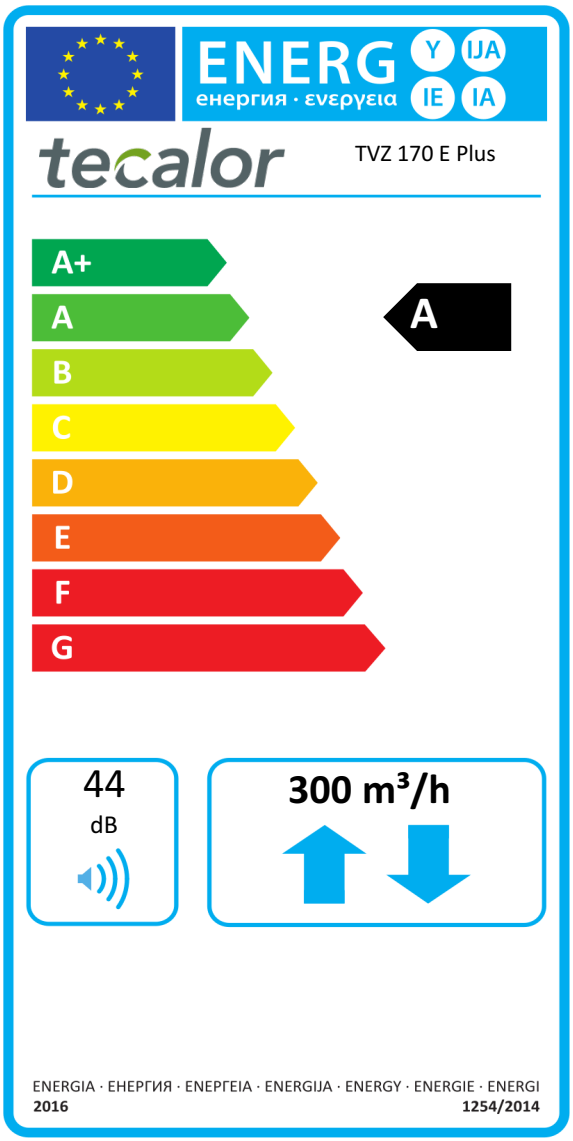
Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014

		TVZ 170 E Plus
		190390
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with control subject to on-site requirements	kWh/(m²a)	-81,60
Specific energy consumption under average climate conditions with control subject to on-site requirements	kWh/(m²a)	-42,88
Specific energy consumption under warmer climate conditions with control subject to on-site requirements	kWh/(m²a)	-18,07
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	%	86,0
Max. air flow rate	m³/h	300
Max. power consumption	W	92
Sound power level LWA	dB(A)	44
Reference air flow rate	m³/s	0,058
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	%	0,80
External air leakage quota	%	2,10
Annual power consumption under colder climate conditions with control subject to on-site requirements	kWh/a	753
Annual power consumption under average climate conditions with control subject to on-site requirements	kWh/a	216
Annual power consumption under warmer climate conditions with control subject to on-site requirements	kWh/a	171
Annual heating savings under colder climate conditions with control subject to on-site requirements	kWh/a	9019
Annual heating savings under average climate conditions with control subject to on-site requirements	kWh/a	4621
Annual heating savings under warmer climate conditions with control subject to on-site requirements	kWh/a	2085


ENERG
енергия · ενεργεια
Y
IJA
IE
IA
tecalor
TVZ 170 E Plus
A+
A
B
C
D
E
F
G
A
44
dB
300 m³/h
ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI
2016
1254/2014

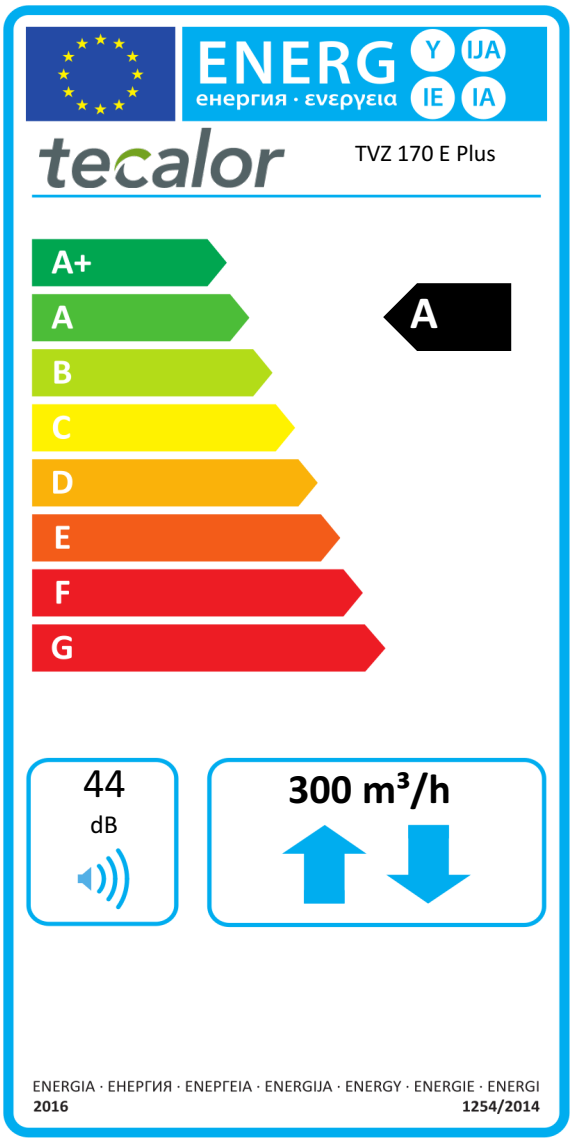
Product datasheet: Mechanical ventilation unit to Regulation (EU) No. 1254/2014 | 1253/2014

		TVZ 170 E Plus
		190390
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with central demand-dependent control	kWh/(m²a)	-77,88
Specific energy consumption under average climate conditions with central demand-dependent control	kWh/(m²a)	-40,01
Specific energy consumption under warmer climate conditions with central demand-dependent control	kWh/(m²a)	-15,69
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	%	86,0
Max. air flow rate	m³/h	300
Max. power consumption	W	92
Sound power level LWA	dB(A)	44
Reference air flow rate	m³/s	0,058
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	%	0,80
External air leakage quota	%	2,10
Annual power consumption under colder climate conditions with central demand-dependent control	kWh/a	806
Annual power consumption under average climate conditions with central demand-dependent control	kWh/a	269
Annual power consumption under warmer climate conditions with central demand-dependent control	kWh/a	224
Annual heating savings under colder climate conditions with central demand-dependent control	kWh/a	9019
Annual heating savings under average climate conditions with central demand-dependent control	kWh/a	4521
Annual heating savings under warmer climate conditions with central demand-dependent control	kWh/a	2085


ENERG
енергия · ενεργεια
Y
IJA
IE
IA
tecalor
TVZ 170 E Plus
A+
A
B
C
D
E
F
G
A
44
dB
300 m³/h
ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI
2016
1254/2014

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

		TVZ 170 E Plus
		190390
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with time control	kWh/(m²a)	-75,82
Specific energy consumption under average climate conditions with time control	kWh/(m²a)	-38,38
Specific energy consumption under warmer climate conditions with time control	kWh/(m²a)	-14,31
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	%	86,0
Max. air flow rate	m³/h	300
Max. power consumption	W	92
Sound power level LWA	dB(A)	44
Reference air flow rate	m³/s	0,058
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, time control		0,95
Internal air leakage quota	%	0,80
External air leakage quota	%	2,10
Annual power consumption under colder climate conditions with time control	kWh/a	832
Annual power consumption under average climate conditions with time control	kWh/a	295
Annual power consumption under warmer climate conditions with time control	kWh/a	250
Annual heating savings under colder climate conditions with time control	kWh/a	8758
Annual heating savings under average climate conditions with time control	kWh/a	4477
Annual heating savings under warmer climate conditions with time control	kWh/a	2024


ENERG
енергия · ενεργεια
Y
IJA
IE
IA
tecalor
TVZ 170 E Plus
A+
A
B
C
D
E
F
G
A
44
dB
300 m³/h
ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI
2016
1254/2014

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

		TVZ 170 E Plus
		190390
Manufacturer		tecalor
Specific energy consumption under colder climate conditions with manual control	kWh/(m²a)	-74,75
Specific energy consumption under average climate conditions with manual control	kWh/(m²a)	-37,52
Specific energy consumption under warmer climate conditions with manual control	kWh/(m²a)	-13,57
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	%	86,0
Max. air flow rate	m³/h	300
Max. power consumption	W	92
Sound power level LWA	dB(A)	44
Reference air flow rate	m³/s	0,058
Reference pressure differential	Pa	50
Specific power input	W/(m³/h)	0,21
Control factor, manual control		1,00
Internal air leakage quota	%	0,80
External air leakage quota	%	2,10
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	8714
Annual heating savings under average climate conditions with manual control	kWh/a	4454
Annual heating savings under warmer climate conditions with manual control	kWh/a	2014