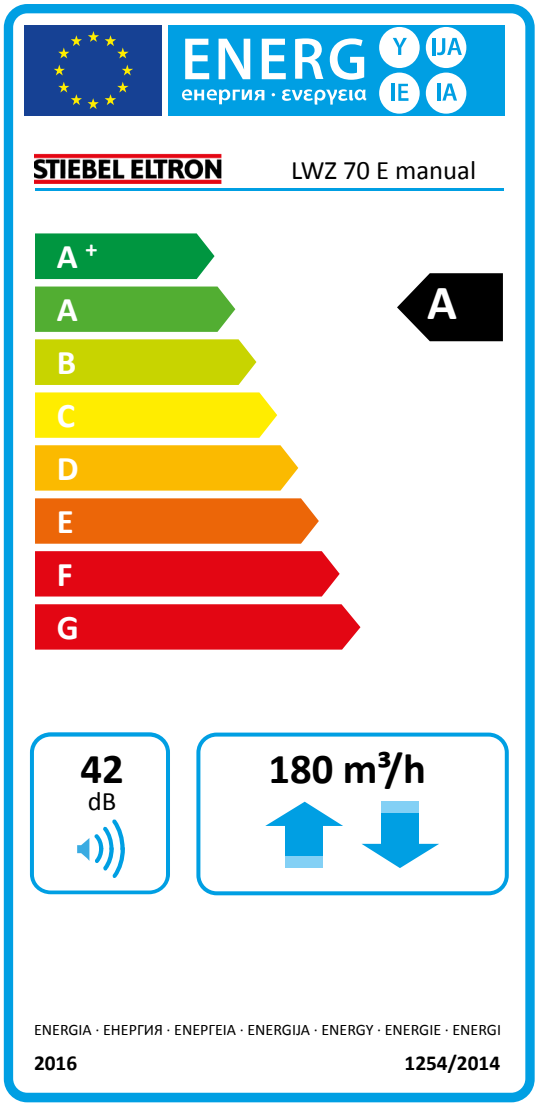
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STIEBEL ELTRON
LWZ 70 E manual
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42
dB
180 m³/h
ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI
2016
1254/2014

Product datasheet: Mechanical ventilation units to regulation (EU) no. 1254/2014 | 1253/2014

		LWZ 70 E
		233851
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 70 E
Specific energy consumption in colder climates, manual control	kWh/(m² p.a.)	-72,98
Specific energy consumption in average climates, manual control	kWh/(m² p.a.)	-34,780
Specific energy consumption in warmer climates, manual control	kWh/(m² p.a.)	-10,270
Energy efficiency class in colder climates, manual control		A+
Energy efficiency class in average climates, manual control		A
Energy efficiency class in warmer climates, manual control		E
Ventilation unit type		Two directions
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	89
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	0,03500
Reference pressure differential	Pa	50
Specific input	W/(m³/h)	0,33
Control factor, manual control		1
Internal air leakage quota	%	7,20
External air leakage quota	%	7,20
Filter change indicator		Optical filter change indicator in the remote control display Attention: A regular filter change is important for a low energy efficiency of the system.
Internet address for assembly and disassembly instructions		www.stiebel-eltron.com
Annual power consumption in colder climates with manual control	kWh/a	995
Annual power consumption in average climates with manual control	kWh/a	458
Annual power consumption in warmer climates with manual control	kWh/a	413
Annual heating savings in colder climates with manual control	kWh/a	8914
Annual heating savings in average climates with manual control	kWh/a	4556
Annual heating savings in warmer climates with manual control	kWh/a	2060

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STIEBEL ELTRON LWZ 70 E clock

42 dB

180 m³/h

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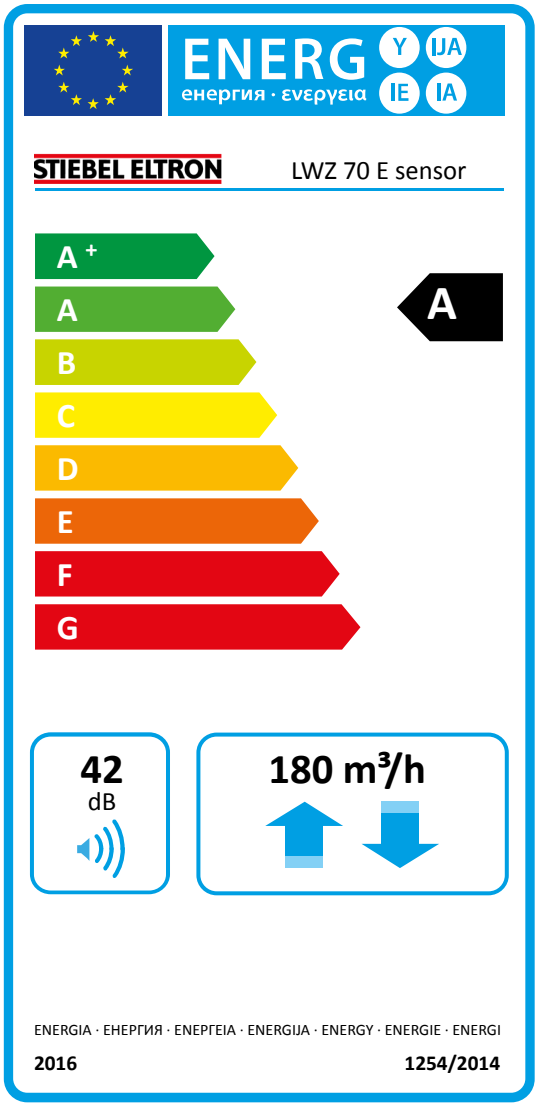
2016 **1254/2014**

		LWZ 70 E
		233851
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 70 E
Specific energy consumption in colder climates, time control	kWh/(m² p.a.)	-74,330
Specific energy consumption in average climates, time control	kWh/(m² p.a.)	-35,960
Specific energy consumption in warmer climates, time control	kWh/(m² p.a.)	-11,350
Energy efficiency class in colder climates, time control		A+
Energy efficiency class in average climates, time control		A
Energy efficiency class in warmer climates, time control		E
Ventilation unit type		Two directions
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	89
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	0,03500
Reference pressure differential	Pa	50
Specific input	W/(m³/h)	0,33
Control factor, time control		0,95
Internal air leakage quota	%	7,20
External air leakage quota	%	7,20
Filter change indicator		Optical filter change indicator in the remote control display Attention: A regular filter change is important for a low energy efficiency of the system.
Internet address for assembly and disassembly instructions		www.stiebel-eltron.com
Annual power consumption in colder climates with time control	kWh/a	975
Annual power consumption in average climates with time control	kWh/a	438
Annual power consumption in warmer climates with time control	kWh/a	393
Annual heating savings in colder climates with time control	kWh/a	8947
Annual heating savings in average climates with time control	kWh/a	4574
Annual heating savings in warmer climates with time control	kWh/a	2068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LWZ 70 E sensor
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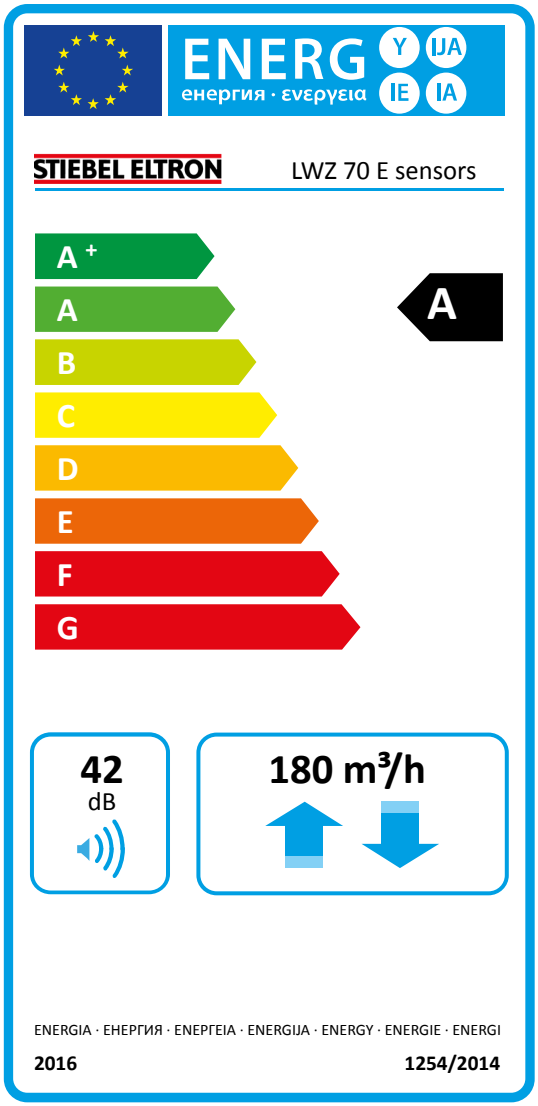
		LWZ 70 E
		233851
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 70 E
Specific energy consumption in colder climates, central demand-dependent control	kWh/(m² p.a.)	-76,860
Specific energy consumption in average climates, central demand-dependent control	kWh/(m² p.a.)	-38,160
Specific energy consumption in warmer climates, central demand-dependent control	kWh/(m² p.a.)	-13,370
Energy efficiency class in colder climates, central demand-dependent control		A+
Energy efficiency class in average climates, central demand-dependent control		A
Energy efficiency class in warmer climates, central demand-dependent control		E
Ventilation unit type		Two directions
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	89
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	0,03500
Reference pressure differential	Pa	50
Specific input	W/(m³/h)	0,33
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	7,20
External air leakage quota	%	7,20
Filter change indicator		Optical filter change indicator in the remote control display Attention: A regular filter change is important for a low energy efficiency of the system.
Internet address for assembly and disassembly instructions		www.stiebel-eltron.com
Annual power consumption in colder climates with central demand-dependent control	kWh/a	933
Annual power consumption in average climates with central demand-dependent control	kWh/a	396
Annual power consumption in warmer climates with central demand-dependent control	kWh/a	351
Annual heating savings in colder climates with central demand-dependent control	kWh/a	9015
Annual heating savings in average climates with central demand-dependent control	kWh/a	4602
Annual heating savings in warmer climates with central demand-dependent control	kWh/a	2084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STIEBEL ELTRON
LWZ 70 E sensors
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1254/2014

		LWZ 70 E
		233851
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		LWZ 70 E
Specific energy consumption in colder climates, control subject to on-site requirements	kWh/(m² p.a.)	-81,300
Specific energy consumption in average climates, control subject to on-site requirements	kWh/(m² p.a.)	-41,950
Specific energy consumption in warmer climates, control subject to on-site requirements	kWh/(m² p.a.)	-16,780
Energy efficiency class in colder climates, control subject to on-site requirements		A+
Energy efficiency class in average climates, control subject to on-site requirements		A
Energy efficiency class in warmer climates, control subject to on-site requirements		E
Ventilation unit type		Two directions
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	89
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	0,03500
Reference pressure differential	Pa	50
Specific input	W/(m³/h)	0,33
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	7,20
External air leakage quota	%	7,20
Filter change indicator		Optical filter change indicator in the remote control display Attention: A regular filter change is important for a low energy efficiency of the system.
Internet address for assembly and disassembly instructions		www.stiebel-eltron.com
Annual power consumption in colder climates with control subject to on-site requirements	kWh/a	851
Annual power consumption in average climates with control subject to on-site requirements	kWh/a	314
Annual power consumption in warmer climates with control subject to on-site requirements	kWh/a	269
Annual heating savings in colder climates with control subject to on-site requirements	kWh/a	9149
Annual heating savings in average climates with control subject to on-site requirements	kWh/a	4677
Annual heating savings in warmer climates with control subject to on-site requirements	kWh/a	2115