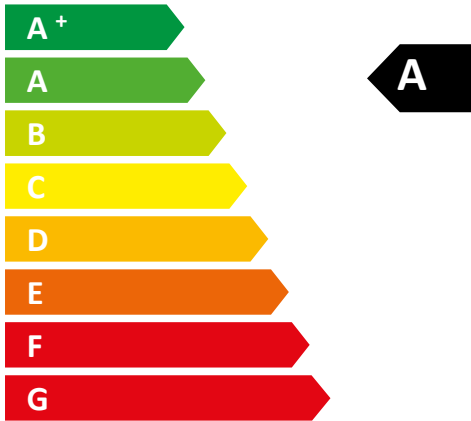




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**STIEBEL ELTRON**

LWZ 180 manual



**43**  
dB

**250 m<sup>3</sup>/h**

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2016

1254/2014

**Produktdatenblatt: Wohnraumlueftungsgeraete nach Verordnung (EU) Nr. 1254/2014 | 1253/2014**

		<b>LWZ 180</b>
		232361
Manufacturer		STIEBEL ELTRON
Modellkennung des Lieferanten		LWZ 180
Specific energy consumption in colder climates, manual control	kWh/(m <sup>2</sup> p.a.)	-77,488
Specific energy consumption in average climates, manual control	kWh/(m <sup>2</sup> p.a.)	-39,074
Specific energy consumption in warmer climates, manual control	kWh/(m <sup>2</sup> p.a.)	-14,441
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	%	90
Max. air flow rate	m <sup>3</sup> /h	250
Max. power consumption	W	1585
Sound power level Lwa	dB(A)	43
Reference air flow rate	m <sup>3</sup> /h	175
Reference pressure differential	Pa	50
Specific input	W/(m <sup>3</sup> /h)	0,2
Control factor, manual control		1
Internal air leakage quota	%	0,62
External air leakage quota	%	0,44
Filter change indicator		Visual display (on control/switch)
Internetadresse fuer Montage- und Demontageanleitung		<a href="http://www.stiebel-eltron.com">www.stiebel-eltron.com</a>
Annual power consumption in colder climates with manual control	kWh/a	833
Annual power consumption in average climates with manual control	kWh/a	296
Annual power consumption in warmer climates with manual control	kWh/a	251
Annual heating savings in colder climates with manual control	kWh/a	8957
Annual heating savings in average climates with manual control	kWh/a	4579
Annual heating savings in warmer climates with manual control	kWh/a	2070



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**STIEBEL ELTRON**

LWZ 180 clock



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dB

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**Produktdatenblatt: Wohnraumlueftungsgeraete nach Verordnung (EU) Nr. 1254/2014 | 1253/2014**

		<b>LWZ 180</b>
		232361
Manufacturer		STIEBEL ELTRON
Modellkennung des Lieferanten		LWZ 180
Specific energy consumption in colder climates, time control	kWh/(m <sup>2</sup> p.a.)	-78,414
Specific energy consumption in average climates, time control	kWh/(m <sup>2</sup> p.a.)	-39,845
Specific energy consumption in warmer climates, time control	kWh/(m <sup>2</sup> p.a.)	-15,124
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	%	90
Max. air flow rate	m <sup>3</sup> /h	250
Max. power consumption	W	1585
Sound power level Lwa	dB(A)	43
Reference air flow rate	m <sup>3</sup> /h	175
Reference pressure differential	Pa	50
Specific input	W/(m <sup>3</sup> /h)	0,2
Control factor, time control		0,95
Internal air leakage quota	%	0,62
External air leakage quota	%	0,44
Filter change indicator		Visual display (on control/switch)
Internetadresse fuer Montage- und Demontageanleitung		<a href="http://www.stiebel-eltron.com">www.stiebel-eltron.com</a>
Annual power consumption in colder climates with time control	kWh/a	808
Annual power consumption in average climates with time control	kWh/a	271
Annual power consumption in warmer climates with time control	kWh/a	226
Annual heating savings in colder climates with time control	kWh/a	8989
Annual heating savings in average climates with time control	kWh/a	4595
Annual heating savings in warmer climates with time control	kWh/a	2078



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**STIEBEL ELTRON**

LWZ 180 sensor



**43**  
dB

**250 m<sup>3</sup>/h**

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2016

1254/2014

**Produktdatenblatt: Wohnraumlueftungsgeraete nach Verordnung (EU) Nr. 1254/2014 | 1253/2014**

		<b>LWZ 180</b>
		232361
Manufacturer		STIEBEL ELTRON
Modellkennung des Lieferanten		LWZ 180
Specific energy consumption in colder climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-80,171
Specific energy consumption in average climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-41,294
Specific energy consumption in warmer climates, central demand-dependent control	kWh/(m <sup>2</sup> p.a.)	-16,397
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	%	90
Max. air flow rate	m <sup>3</sup> /h	250
Max. power consumption	W	1585
Sound power level Lwa	dB(A)	43
Reference air flow rate	m <sup>3</sup> /h	175
Reference pressure differential	Pa	50
Specific input	W/(m <sup>3</sup> /h)	0,2
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	0,62
External air leakage quota	%	0,44
Filter change indicator		Visual display (on control/switch)
Internetadresse fuer Montage- und Demontageanleitung		<a href="http://www.stiebel-eltron.com">www.stiebel-eltron.com</a>
Annual power consumption in colder climates with central demand-dependent control	kWh/a	763
Annual power consumption in average climates with central demand-dependent control	kWh/a	226
Annual power consumption in warmer climates with central demand-dependent control	kWh/a	181
Annual heating savings in colder climates with central demand-dependent control	kWh/a	9052
Annual heating savings in average climates with central demand-dependent control	kWh/a	4627
Annual heating savings in warmer climates with central demand-dependent control	kWh/a	2092



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**STIEBEL ELTRON**

LWZ 180 sensors



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**Produktdatenblatt: Wohnraumlueftungsgeraete nach Verordnung (EU) Nr. 1254/2014 | 1253/2014**

		<b>LWZ 180</b>
		232361
Manufacturer		STIEBEL ELTRON
Modellkennung des Lieferanten		LWZ 180
Specific energy consumption in colder climates, control subject to on-site requirements	kWh/(m <sup>2</sup> p.a.)	-83,308
Specific energy consumption in average climates, control subject to on-site requirements	kWh/(m <sup>2</sup> p.a.)	-43,817
Specific energy consumption in warmer climates, control subject to on-site requirements	kWh/(m <sup>2</sup> p.a.)	-18,567
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	%	90
Max. air flow rate	m <sup>3</sup> /h	250
Max. power consumption	W	1585
Sound power level Lwa	dB(A)	43
Reference air flow rate	m <sup>3</sup> /h	175
Reference pressure differential	Pa	50
Specific input	W/(m <sup>3</sup> /h)	0,2
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	0,62
External air leakage quota	%	0,44
Filter change indicator		Visual display (on control/switch)
Internetadresse fuer Montage- und Demontageanleitung		<a href="http://www.stiebel-eltron.com">www.stiebel-eltron.com</a>
Annual power consumption in colder climates with control subject to on-site requirements	kWh/a	688
Annual power consumption in average climates with control subject to on-site requirements	kWh/a	151
Annual power consumption in warmer climates with control subject to on-site requirements	kWh/a	101
Annual heating savings in colder climates with control subject to on-site requirements	kWh/a	9177
Annual heating savings in average climates with control subject to on-site requirements	kWh/a	4691
Annual heating savings in warmer climates with control subject to on-site requirements	kWh/a	2121