



ENERG Y IJA
енергия · ενέργεια IE IA

STIEBEL ELTRON

LWZ 180 Enthalpie
manual



43
dB

250 m³/h

ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI

2016

1254/2014

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

		LWZ 180 Enthalpie
		236646
Manufacturer		STIEBEL ELTRON
Modellkennung des Lieferanten		LWZ 180 Enthalpie
Specific energy consumption in colder climates, manual control	kWh/(m ² p.a.)	-77,488
Specific energy consumption in average climates, manual control	kWh/(m ² p.a.)	-39,074
Specific energy consumption in warmer climates, manual control	kWh/(m ² 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	%	79
Max. air flow rate	m ³ /h	250
Max. power consumption	W	1585
Sound power level Lwa	dB(A)	43
Reference air flow rate	m ³ /h	175
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0,2
Control factor, manual control		1
Internal air leakage quota	%	1,57
External air leakage quota	%	0,44
Filter change indicator		Visual display (on control/switch)
Internetadresse fuer Montage- und Demontageanleitung		www.stiebel-eltron.com
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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clock



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		LWZ 180 Enthalpie
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Manufacturer		STIEBEL ELTRON
Modellkennung des Lieferanten		LWZ 180 Enthalpie
Specific energy consumption in colder climates, time control	kWh/(m ² p.a.)	-74,414
Specific energy consumption in average climates, time control	kWh/(m ² p.a.)	-38,945
Specific energy consumption in warmer climates, time control	kWh/(m ² p.a.)	-14,524
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	%	79
Max. air flow rate	m ³ /h	250
Max. power consumption	W	1585
Sound power level Lwa	dB(A)	43
Reference air flow rate	m ³ /h	175
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0,2
Control factor, time control		0,95
Internal air leakage quota	%	1,57
External air leakage quota	%	0,44
Filter change indicator		Visual display (on control/switch)
Internetadresse fuer Montage- und Demontageanleitung		www.stiebel-eltron.com
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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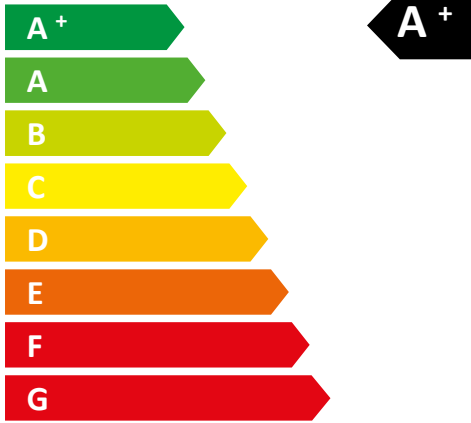
		LWZ 180 Enthalpie
		236646
Manufacturer		STIEBEL ELTRON
Modellkennung des Lieferanten		LWZ 180 Enthalpie
Specific energy consumption in colder climates, central demand-dependent control	kWh/(m ² p.a.)	-75,009
Specific energy consumption in average climates, central demand-dependent control	kWh/(m ² p.a.)	-38,877
Specific energy consumption in warmer climates, central demand-dependent control	kWh/(m ² p.a.)	-15,552
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	%	79
Max. air flow rate	m ³ /h	250
Max. power consumption	W	1585
Sound power level Lwa	dB(A)	43
Reference air flow rate	m ³ /h	175
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0,2
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	1,57
External air leakage quota	%	0,44
Filter change indicator		Visual display (on control/switch)
Internetadresse fuer Montage- und Demontageanleitung		www.stiebel-eltron.com
Annual power consumption in colder climates with central demand-dependent control	kWh/a	745
Annual power consumption in average climates with central demand-dependent control	kWh/a	208
Annual power consumption in warmer climates with central demand-dependent control	kWh/a	163
Annual heating savings in colder climates with central demand-dependent control	kWh/a	8490
Annual heating savings in average climates with central demand-dependent control	kWh/a	4350
Annual heating savings in warmer climates with central demand-dependent control	kWh/a	1962



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Manufacturer		STIEBEL ELTRON
Modellkennung des Lieferanten		LWZ 180 Enthalpie
Specific energy consumption in colder climates, control subject to on-site requirements	kWh/(m ² p.a.)	-83,308
Specific energy consumption in average climates, control subject to on-site requirements	kWh/(m ² p.a.)	-43,817
Specific energy consumption in warmer climates, control subject to on-site requirements	kWh/(m ² 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	%	79
Max. air flow rate	m ³ /h	250
Max. power consumption	W	1585
Sound power level Lwa	dB(A)	43
Reference air flow rate	m ³ /h	175
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0,2
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	1,57
External air leakage quota	%	0,44
Filter change indicator		Visual display (on control/switch)
Internetadresse fuer Montage- und Demontageanleitung		www.stiebel-eltron.com
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