



ENERG Y IJA
енергия · ενέργεια IE IA

STIEBEL ELTRON

LWZ 280 Enthalpie
manual



48
dB

350 m³/h

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

2016

1254/2014

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

		LWZ 280 Enthalpie
		236647
Manufacturer		STIEBEL ELTRON
Modellkennung des Lieferanten		LWZ 280 Enthalpie
Specific energy consumption in colder climates, manual control	kWh/(m ² p.a.)	-68,14
Specific energy consumption in average climates, manual control	kWh/(m ² p.a.)	-33,99
Specific energy consumption in warmer climates, manual control	kWh/(m ² p.a.)	-11,80
Energy efficiency class in colder climates, manual control		A+
Energy efficiency class in average climates, manual control		B
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	%	76
Max. air flow rate	m ³ /h	350
Max. power consumption	W	1630
Sound power level Lwa	dB(A)	48
Reference air flow rate	m ³ /h	245
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0,24
Control factor, manual control		1
Internal air leakage quota	%	1,12
External air leakage quota	%	0,31
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	883
Annual power consumption in average climates with manual control	kWh/a	346
Annual power consumption in warmer climates with manual control	kWh/a	301
Annual heating savings in colder climates with manual control	kWh/a	8876
Annual heating savings in average climates with manual control	kWh/a	4537
Annual heating savings in warmer climates with manual control	kWh/a	2052



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Manufacturer		STIEBEL ELTRON
Modellkennung des Lieferanten		LWZ 280 Enthalpie
Specific energy consumption in colder climates, time control	kWh/(m ² p.a.)	-71,455
Specific energy consumption in average climates, time control	kWh/(m ² p.a.)	-36,267
Specific energy consumption in warmer climates, time control	kWh/(m ² p.a.)	-13,855
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	%	76
Max. air flow rate	m ³ /h	350
Max. power consumption	W	1630
Sound power level Lwa	dB(A)	48
Reference air flow rate	m ³ /h	245
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0,24
Control factor, time control		0,95
Internal air leakage quota	%	1,12
External air leakage quota	%	0,31
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	853
Annual power consumption in average climates with time control	kWh/a	316
Annual power consumption in warmer climates with time control	kWh/a	271
Annual heating savings in colder climates with time control	kWh/a	8912
Annual heating savings in average climates with time control	kWh/a	4555
Annual heating savings in warmer climates with time control	kWh/a	2060



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Manufacturer		STIEBEL ELTRON
Modellkennung des Lieferanten		LWZ 280 Enthalpie
Specific energy consumption in colder climates, central demand-dependent control	kWh/(m ² p.a.)	-72,356
Specific energy consumption in average climates, central demand-dependent control	kWh/(m ² p.a.)	-37,079
Specific energy consumption in warmer climates, central demand-dependent control	kWh/(m ² p.a.)	-14,243
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	%	76
Max. air flow rate	m ³ /h	350
Max. power consumption	W	1630
Sound power level Lwa	dB(A)	48
Reference air flow rate	m ³ /h	245
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0,24
Control factor, central demand-dependent control		0,85
Internal air leakage quota	%	1,12
External air leakage quota	%	0,31
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	781
Annual power consumption in average climates with central demand-dependent control	kWh/a	244
Annual power consumption in warmer climates with central demand-dependent control	kWh/a	199
Annual heating savings in colder climates with central demand-dependent control	kWh/a	8315
Annual heating savings in average climates with central demand-dependent control	kWh/a	4251
Annual heating savings in warmer climates with central demand-dependent control	kWh/a	1922



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Manufacturer		STIEBEL ELTRON
Modellkennung des Lieferanten		LWZ 280 Enthalpie
Specific energy consumption in colder climates, control subject to on-site requirements	kWh/(m ² p.a.)	-82,252
Specific energy consumption in average climates, control subject to on-site requirements	kWh/(m ² p.a.)	-43,018
Specific energy consumption in warmer climates, control subject to on-site requirements	kWh/(m ² p.a.)	-17,916
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	%	76
Max. air flow rate	m ³ /h	350
Max. power consumption	W	1630
Sound power level Lwa	dB(A)	48
Reference air flow rate	m ³ /h	245
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0,24
Control factor, control subject to on-site requirements		0,65
Internal air leakage quota	%	1,12
External air leakage quota	%	0,31
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	709
Annual power consumption in average climates with control subject to on-site requirements	kWh/a	172
Annual power consumption in warmer climates with control subject to on-site requirements	kWh/a	127
Annual heating savings in colder climates with control subject to on-site requirements	kWh/a	9125
Annual heating savings in average climates with control subject to on-site requirements	kWh/a	4664
Annual heating savings in warmer climates with control subject to on-site requirements	kWh/a	2109