



ENERG Y IJA
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STIEBEL ELTRON

VRC-W 400 E
manual



49.6
dB

400 m³/h

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2016

1254/2014

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

		VRC-W 400 E
		203637
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		VRC-W 400 E
Specific energy consumption in colder climates, manual control	kWh/(m ² p.a.)	-67.45
Specific energy consumption in average climates, manual control	kWh/(m ² p.a.)	-33.48
Specific energy consumption in warmer climates, manual control	kWh/(m ² p.a.)	-11.40
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
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	75.9
Max. air flow rate	m ³ /h	400
Max. power consumption	W	137
Sound power level Lwa	dB(A)	49.6
Reference air flow rate	m ³ /s	0.078
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0.21
Control factor, manual control		1
Declared maximum internal leakage rates	%	1.06
Declared maximum external leakage rates	%	0.53
Internet address for assembly and disassembly instructions		www.stiebel-eltron.com
Annual power consumption in colder climates with manual control	kWh/a	870
Annual power consumption in average climates with manual control	kWh/a	333
Annual power consumption in warmer climates with manual control	kWh/a	288
Annual heating savings in colder climates with manual control	kWh/a	8047
Annual heating savings in average climates with manual control	kWh/a	4114
Annual heating savings in warmer climates with manual control	kWh/a	1860



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VRC-W 400 E clock



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		VRC-W 400 E
		203637
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		VRC-W 400 E
Specific energy consumption in colder climates, time control	kWh/(m ² p.a.)	-68.92
Specific energy consumption in average climates, time control	kWh/(m ² p.a.)	-34.58
Specific energy consumption in warmer climates, time control	kWh/(m ² p.a.)	-12.28
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
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	75.9
Max. air flow rate	m ³ /h	400
Max. power consumption	W	137
Sound power level Lwa	dB(A)	49.6
Reference air flow rate	m ³ /s	0.078
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0.21
Control factor, time control		0.95
Declared maximum internal leakage rates	%	1.06
Declared maximum external leakage rates	%	0.53
Internet address for assembly and disassembly instructions		www.stiebel-eltron.com
Annual power consumption in colder climates with time control	kWh/a	842
Annual power consumption in average climates with time control	kWh/a	305
Annual power consumption in warmer climates with time control	kWh/a	260
Annual heating savings in colder climates with time control	kWh/a	8124
Annual heating savings in average climates with time control	kWh/a	4153
Annual heating savings in warmer climates with time control	kWh/a	1878



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VRC-W 400 E
sensor



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		VRC-W 400 E
		203637
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		VRC-W 400 E
Specific energy consumption in colder climates, central demand-dependent control	kWh/(m ² p.a.)	-72.53
Specific energy consumption in average climates, central demand-dependent control	kWh/(m ² p.a.)	-37.28
Specific energy consumption in warmer climates, central demand-dependent control	kWh/(m ² p.a.)	-14.46
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
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	75.9
Max. air flow rate	m ³ /h	400
Max. power consumption	W	137
Sound power level Lwa	dB(A)	49.6
Reference air flow rate	m ³ /s	0.078
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0.21
Control factor, central demand-dependent control		0.85
Declared maximum internal leakage rates	%	1.06
Declared maximum external leakage rates	%	0.53
Internet address for assembly and disassembly instructions		www.stiebel-eltron.com
Annual power consumption in colder climates with central demand-dependent control	kWh/a	790
Annual power consumption in average climates with central demand-dependent control	kWh/a	253
Annual power consumption in warmer climates with central demand-dependent control	kWh/a	208
Annual heating savings in colder climates with central demand-dependent control	kWh/a	8278
Annual heating savings in average climates with central demand-dependent control	kWh/a	4232
Annual heating savings in warmer climates with central demand-dependent control	kWh/a	1914