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STIEBEL ELTRON

VRC-W 400 manual



A⁺

50
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
		203636
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		VRC-W 400
Specific energy consumption in colder climates, manual control	kWh/(m ² p.a.)	-74.68
Specific energy consumption in average climates, manual control	kWh/(m ² p.a.)	-37.02
Specific energy consumption in warmer climates, manual control	kWh/(m ² p.a.)	-12.83
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
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	88.3
Max. air flow rate	m ³ /h	400
Max. power consumption	W	150
Sound power level Lwa	dB(A)	50
Reference air flow rate	m ³ /s	0.078
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0.23
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	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	8801
Annual heating savings in average climates with manual control	kWh/a	4499
Annual heating savings in warmer climates with manual control	kWh/a	2034



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VRC-W 400 clock



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		VRC-W 400
		203636
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		VRC-W 400
Specific energy consumption in colder climates, time control	kWh/(m ² p.a.)	-75.80
Specific energy consumption in average climates, time control	kWh/(m ² p.a.)	-37.96
Specific energy consumption in warmer climates, time control	kWh/(m ² p.a.)	-13.65
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	%	88.3
Max. air flow rate	m ³ /h	400
Max. power consumption	W	150
Sound power level Lwa	dB(A)	50
Reference air flow rate	m ³ /s	0.078
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0.23
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	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	8841
Annual heating savings in average climates with time control	kWh/a	4519
Annual heating savings in warmer climates with time control	kWh/a	2044



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VRC-W 400 sensor



50 dB

400 m³/h

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2016

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

		VRC-W 400
		203636
Manufacturer		STIEBEL ELTRON
Model identification of the supplier		VRC-W 400
Specific energy consumption in colder climates, central demand-dependent control	kWh/(m ² p.a.)	-78.64
Specific energy consumption in average climates, central demand-dependent control	kWh/(m ² p.a.)	-40.18
Specific energy consumption in warmer climates, central demand-dependent control	kWh/(m ² p.a.)	-15.52
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	%	88.3
Max. air flow rate	m ³ /h	400
Max. power consumption	W	150
Sound power level Lwa	dB(A)	50
Reference air flow rate	m ³ /s	0.078
Reference pressure differential	Pa	50
Specific input	W/(m ³ /h)	0.23
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	799
Annual power consumption in average climates with central demand-dependent control	kWh/a	262
Annual power consumption in warmer climates with central demand-dependent control	kWh/a	217
Annual heating savings in colder climates with central demand-dependent control	kWh/a	8919
Annual heating savings in average climates with central demand-dependent control	kWh/a	4559
Annual heating savings in warmer climates with central demand-dependent control	kWh/a	2062