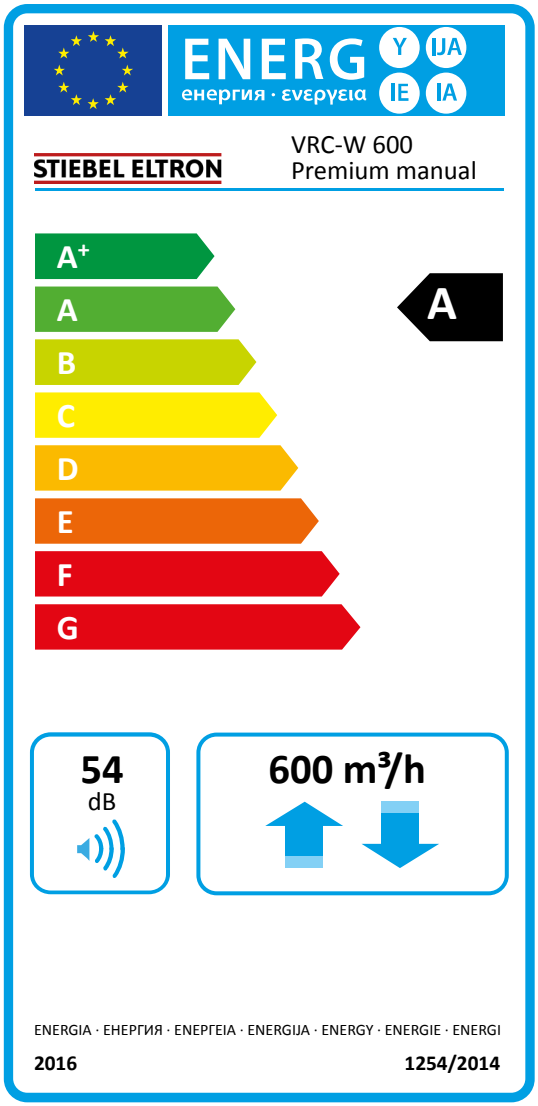
ENERG
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STIEBEL ELTRON
VRC-W 600
Premium manual
A+
A
B
C
D
E
F
G
A
54
dB
600 m³/h
ENERGIA · ЕНЕРГИЯ · ΕΝΕΡΓΕΙΑ · ENERGIJA · ENERGY · ENERGIE · ENERGI
2016
1254/2014

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

		VRC-W 600 Premium
		204714
Manufacturer		STIEBEL ELTRON
Specific energy consumption in colder climates, manual control	kWh/(m² p.a.)	-75.12
Specific energy consumption in average climates, manual control	kWh/(m² p.a.)	-37.40
Specific energy consumption in warmer climates, manual control	kWh/(m² p.a.)	-13.17
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		WLA, Two directions
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	87.6
Max. air flow rate	m^3/h	600
Max. power consumption	W	251.8
Sound power level Lwa	dB(A)	54
Reference air flow rate	m^3/s	0.117
Reference pressure differential	Pa	50
Specific input	W/(m^3/h)	0.23
Control factor, manual control		1
Declared maximum internal leakage rates	%	0,78
Declared maximum external leakage rates	%	0.59
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	8814
Annual heating savings in average climates with manual control	kWh/a	4505
Annual heating savings in warmer climates with manual control	kWh/a	2037

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STIEBEL ELTRON

VRC-W 600
Premium clock

54
dB

600 m³/h

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2016 1254/2014

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

		VRC-W 600 Premium
		204714
Manufacturer		STIEBEL ELTRON
Specific energy consumption in colder climates, time control	kWh/(m² p.a.)	-76.20
Specific energy consumption in average climates, time control	kWh/(m² p.a.)	-38.30
Specific energy consumption in warmer climates, time control	kWh/(m² p.a.)	-13.98
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		WLA, Two directions
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	87.6
Max. air flow rate	m³/h	600
Max. power consumption	W	251.8
Sound power level Lwa	dB(A)	54
Reference air flow rate	m³/s	0.117
Reference pressure differential	Pa	50
Specific input	W/(m³/h)	0.23
Control factor, time control		0,95
Declared maximum internal leakage rates	%	0,78
Declared maximum external leakage rates	%	0.59
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	8852
Annual heating savings in average climates with time control	kWh/a	4525
Annual heating savings in warmer climates with time control	kWh/a	2046

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STIEBEL ELTRON

VRC-W 600
Premium sensor

54
dB

600 m³/h

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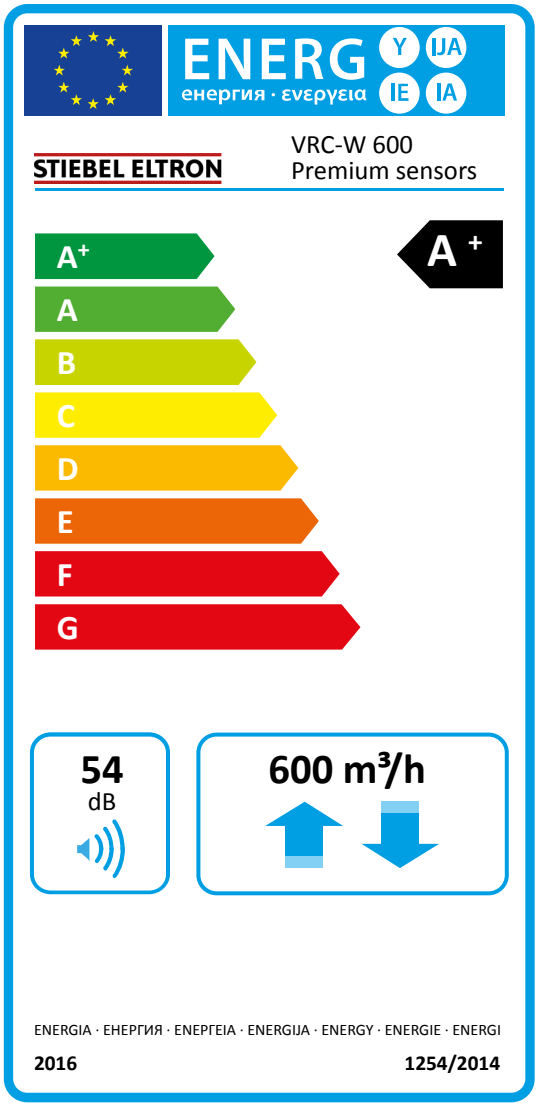
2016 1254/2014

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

		VRC-W 600 Premium
		204714
Manufacturer		STIEBEL ELTRON
Specific energy consumption in colder climates, central demand-dependent control	kWh/(m² p.a.)	-78.27
Specific energy consumption in average climates, central demand-dependent control	kWh/(m² p.a.)	-39.99
Specific energy consumption in warmer climates, central demand-dependent control	kWh/(m² p.a.)	-15.44
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		WLA, Two directions
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	87.6
Max. air flow rate	m³/h	600
Max. power consumption	W	251.8
Sound power level Lwa	dB(A)	54
Reference air flow rate	m³/s	0.117
Reference pressure differential	Pa	50
Specific input	W/(m³/h)	0.23
Control factor, central demand-dependent control		0,85
Declared maximum internal leakage rates	%	0,78
Declared maximum external leakage rates	%	0.59
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	8930
Annual heating savings in average climates with central demand-dependent control	kWh/a	4565
Annual heating savings in warmer climates with central demand-dependent control	kWh/a	2064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STIEBEL ELTRON
VRC-W 600
Premium sensors
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600 m³/h
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2016
1254/2014

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

		VRC-W 600 Premium
		204714
Manufacturer		STIEBEL ELTRON
Specific energy consumption in colder climates, control subject to on-site requirements	kWh/(m² p.a.)	-81.98
Specific energy consumption in average climates, control subject to on-site requirements	kWh/(m² p.a.)	-42.94
Specific energy consumption in warmer climates, control subject to on-site requirements	kWh/(m² p.a.)	-17.95
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		WLA, Two directions
Drive type		Variable speed
Heat recovery method		Recovery
Rate of temperature change for heat recovery	%	87.6
Max. air flow rate	m³/h	600
Max. power consumption	W	251.8
Sound power level Lwa	dB(A)	54
Reference air flow rate	m³/s	0.117
Reference pressure differential	Pa	50
Specific input	W/(m³/h)	0.23
Control factor, control subject to on-site requirements		0,65
Declared maximum internal leakage rates	%	0,78
Declared maximum external leakage rates	%	0.59
Annual power consumption in colder climates with control subject to on-site requirements	kWh/a	704
Annual power consumption in average climates with control subject to on-site requirements	kWh/a	167
Annual power consumption in warmer climates with control subject to on-site requirements	kWh/a	122
Annual heating savings in colder climates with control subject to on-site requirements	kWh/a	9084
Annual heating savings in average climates with control subject to on-site requirements	kWh/a	4644
Annual heating savings in warmer climates with control subject to on-site requirements	kWh/a	2100