

# VillaMASTER RDAF Mini

## + Curo® Basic

>> PRODUCT INFORMATION IN ACCORDANCE WITH COMMISSION REGULATION (EU) NO 1254/2014 ANNEX IV AS REFERRED TO IN ARTICLE 3(1b)

(a) Supplier's name	Fläkt Woods AB												
(b) Supplier's model identifier	VillaMASTER <b>RDAF Mini</b>												
(c) Specific energy consumption (SEC)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>SEC</th> <th>SEC class</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>-67.5</td> <td>A+</td> </tr> <tr> <td>Average</td> <td>-29.0</td> <td>B</td> </tr> <tr> <td>Warm</td> <td>-6.9</td> <td>F</td> </tr> </tbody> </table>	Climate zone	SEC	SEC class	Cold	-67.5	A+	Average	-29.0	B	Warm	-6.9	F
	Climate zone	SEC	SEC class										
	Cold	-67.5	A+										
Average	-29.0	B											
Warm	-6.9	F											
(d) Declared typology	Bidirectional												
(e) Type of drive	Variable speed drive												
(f) Type of heat recovery system	Regenerative												
(g) Thermal efficiency	78.9 %												
(h) Maximum flow rate	353 m <sup>3</sup> /h												
(i) Electrical power input, at maximum flow rate	175 W												
(j) Sound power level	37 dB(A)												
(k) Reference flow rate	0.069 m <sup>3</sup> /s												
(l) Reference pressure difference	50 Pa												
(m) SPI	0.36 W/m <sup>3</sup> /h												
(n) Control factor	Manual control												
(o) Maximum leakage	1.4 % (External)												
	3.0 % (Internal)												
(p) Mixing rate	N / A												
(q) Visual filter warning	Filter warning Curo® Basic												
(r) Grill installing instructions	N / A												
(s) Internet address for disassembly instructions	<a href="http://flaktwoods.com/ecodesign">http://flaktwoods.com/ecodesign</a>												
(t) Airflow sensitivity	N / A												
(u) Air tightness	N / A												
(v) Annual electricity consumption (AEC)	449 kWh/a												
(w) Annual heating saved (AHS)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>Heating saved (kWh/a)</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>7863</td> </tr> <tr> <td>Average</td> <td>4019</td> </tr> <tr> <td>Warm</td> <td>1817</td> </tr> </tbody> </table>	Climate zone	Heating saved (kWh/a)	Cold	7863	Average	4019	Warm	1817				
	Climate zone	Heating saved (kWh/a)											
	Cold	7863											
Average	4019												
Warm	1817												

# VillaMASTER RDAF Mini

## + Curo® Touch

>> PRODUCT INFORMATION IN ACCORDANCE WITH COMMISSION REGULATION (EU) NO 1254/2014 ANNEX IV AS REFERRED TO IN ARTICLE 3(1b)

(a) Supplier's name	Fläkt Woods AB												
(b) Supplier's model identifier	VillaMASTER <b>RDAF Mini</b>												
(c) Specific energy consumption (SEC)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>SEC</th> <th>SEC class</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>-69.1</td> <td>A+</td> </tr> <tr> <td>Average</td> <td>-30.4</td> <td>B</td> </tr> <tr> <td>Warm</td> <td>-8.2</td> <td>F</td> </tr> </tbody> </table>	Climate zone	SEC	SEC class	Cold	-69.1	A+	Average	-30.4	B	Warm	-8.2	F
	Climate zone	SEC	SEC class										
	Cold	-69.1	A+										
Average	-30.4	B											
Warm	-8.2	F											
(d) Declared typology	Bidirectional												
(e) Type of drive	Variable speed drive												
(f) Type of heat recovery system	Regenerative												
(g) Thermal efficiency	78,9 %												
(h) Maximum flow rate	353 m <sup>3</sup> /h												
(i) Electrical power input, at maximum flow rate	175 W												
(j) Sound power level	37 dB(A)												
(k) Reference flow rate	0.069 m <sup>3</sup> /s												
(l) Reference pressure difference	50 Pa												
(m) SPI	0.36 W/m <sup>3</sup> /h												
(n) Control factor	Clock control												
(o) Maximum leakage	1.4 % (External)												
	3.0 % (Internal)												
(p) Mixing rate	N / A												
(q) Visual filter warning	Filter warning Curo® Touch												
(r) Grill installing instructions	N / A												
(s) Internet address for disassembly instructions	<a href="http://flaktwoods.com/ecodesign">http://flaktwoods.com/ecodesign</a>												
(t) Airflow sensitivity	N / A												
(u) Air tightness	N / A												
(v) Annual electricity consumption (AEC)	405 kWh/a												
(w) Annual heating saved (AHS)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>Heating saved (kWh/a)</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>7925</td> </tr> <tr> <td>Average</td> <td>4051</td> </tr> <tr> <td>Warm</td> <td>1832</td> </tr> </tbody> </table>	Climate zone	Heating saved (kWh/a)	Cold	7925	Average	4051	Warm	1832				
	Climate zone	Heating saved (kWh/a)											
	Cold	7925											
Average	4051												
Warm	1832												

# VillaMASTER RDAF Mini

## + Curo<sup>®</sup> Touch + CO<sub>2</sub>

>> PRODUCT INFORMATION IN ACCORDANCE WITH COMMISSION REGULATION (EU) NO 1254/2014 ANNEX IV AS REFERRED TO IN ARTICLE 3(1b)

(a) Supplier's name	Fläkt Woods AB												
(b) Supplier's model identifier	VillaMASTER <b>RDAF Mini</b>												
(c) Specific energy consumption (SEC)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>SEC</th> <th>SEC class</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>-72.4</td> <td>A+</td> </tr> <tr> <td>Average</td> <td>-33.0</td> <td>B</td> </tr> <tr> <td>Warm</td> <td>-10.5</td> <td>F</td> </tr> </tbody> </table>	Climate zone	SEC	SEC class	Cold	-72.4	A+	Average	-33.0	B	Warm	-10.5	F
	Climate zone	SEC	SEC class										
	Cold	-72.4	A+										
	Average	-33.0	B										
Warm	-10.5	F											
(d) Declared typology	Bidirectional												
(e) Type of drive	Variable speed drive												
(f) Type of heat recovery system	Regenerative												
(g) Thermal efficiency	78.9 %												
(h) Maximum flow rate	353 m <sup>3</sup> /h												
(i) Electrical power input, at maximum flow rate	175 W												
(j) Sound power level	37 dB(A)												
(k) Reference flow rate	0.069 m <sup>3</sup> /s												
(l) Reference pressure difference	50 Pa												
(m) SPI	0.36 W/m <sup>3</sup> /h												
(n) Control factor	Central demand control												
(o) Maximum leakage	1.4 % (External)												
	3.0 % (Internal)												
(p) Mixing rate	N / A												
(q) Visual filter warning	Filter warning Curo <sup>®</sup> Touch												
(r) Grill installing instructions	N / A												
(s) Internet address for disassembly instructions	<a href="http://flaktwoods.com/ecodesign">http://flaktwoods.com/ecodesign</a>												
(t) Airflow sensitivity	N / A												
(u) Air tightness	N / A												
(v) Annual electricity consumption (AEC)	324 kWh/a												
(w) Annual heating saved (AHS)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>Heating saved (kWh/a)</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>8050</td> </tr> <tr> <td>Average</td> <td>4115</td> </tr> <tr> <td>Warm</td> <td>1861</td> </tr> </tbody> </table>	Climate zone	Heating saved (kWh/a)	Cold	8050	Average	4115	Warm	1861				
	Climate zone	Heating saved (kWh/a)											
	Cold	8050											
	Average	4115											
Warm	1861												

# VillaMASTER RDAF Midi

## + Curo® Basic

» PRODUCT INFORMATION IN ACCORDANCE WITH COMMISSION REGULATION (EU) NO 1254/2014 ANNEX IV AS REFERRED TO IN ARTICLE 3(1b)

(a) Supplier's name	Fläkt Woods AB												
(b) Supplier's model identifier	VillaMASTER <b>RDAF Midi</b>												
(c) Specific energy consumption (SEC)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>SEC</th> <th>SEC class</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>-72,3</td> <td>A+</td> </tr> <tr> <td>Average</td> <td>-40,0</td> <td>B</td> </tr> <tr> <td>Warm</td> <td>-8,9</td> <td>F</td> </tr> </tbody> </table>	Climate zone	SEC	SEC class	Cold	-72,3	A+	Average	-40,0	B	Warm	-8,9	F
	Climate zone	SEC	SEC class										
	Cold	-72,3	A+										
Average	-40,0	B											
Warm	-8,9	F											
(d) Declared typology	Bidirectional												
(e) Type of drive	Variable speed drive												
(f) Type of heat recovery system	Regenerative												
(g) Thermal efficiency	78.5 %												
(h) Maximum flow rate	454 m <sup>3</sup> /h												
(i) Electrical power input, at maximum flow rate	209 W												
(j) Sound power level	47 dB(A)												
(k) Reference flow rate	0.088 m <sup>3</sup> /s												
(l) Reference pressure difference	50 Pa												
(m) SPI	0.33 W/m <sup>3</sup> /h												
(n) Control factor	Manual control												
(o) Maximum leakage	1.2 % (External)												
	2.6 % (Internal)												
(p) Mixing rate	N / A												
(q) Visual filter warning	Filter warning Curo® Basic												
(r) Grill installing instructions	N / A												
(s) Internet address for disassembly instructions	<a href="http://flaktwoods.com/ecodesign">http://flaktwoods.com/ecodesign</a>												
(t) Airflow sensitivity	N / A												
(u) Air tightness	N / A												
(v) Annual electricity consumption (AEC)	407 kWh/a												
(w) Annual heating saved (AHS)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>Heating saved (kWh/a)</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>8247</td> </tr> <tr> <td>Average</td> <td>4216</td> </tr> <tr> <td>Warm</td> <td>1906</td> </tr> </tbody> </table>	Climate zone	Heating saved (kWh/a)	Cold	8247	Average	4216	Warm	1906				
	Climate zone	Heating saved (kWh/a)											
	Cold	8247											
Average	4216												
Warm	1906												

# VillaMASTER RDAF Midi

## + Curo® Touch

>> PRODUCT INFORMATION IN ACCORDANCE WITH COMMISSION REGULATION (EU) NO 1254/2014 ANNEX IV AS REFERRED TO IN ARTICLE 3(1b)

(a) Supplier's name	Fläkt Woods AB												
(b) Supplier's model identifier	VillaMASTER <b>RDAF Midi</b>												
(c) Specific energy consumption (SEC)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>SEC</th> <th>SEC class</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>-74,0</td> <td>A+</td> </tr> <tr> <td>Average</td> <td>-33,3</td> <td>B</td> </tr> <tr> <td>Warm</td> <td>-10,0</td> <td>F</td> </tr> </tbody> </table>	Climate zone	SEC	SEC class	Cold	-74,0	A+	Average	-33,3	B	Warm	-10,0	F
	Climate zone	SEC	SEC class										
	Cold	-74,0	A+										
Average	-33,3	B											
Warm	-10,0	F											
(d) Declared typology	Bidirectional												
(e) Type of drive	Variable speed drive												
(f) Type of heat recovery system	Regenerative												
(g) Thermal efficiency	78.5 %												
(h) Maximum flow rate	454 m <sup>3</sup> /h												
(i) Electrical power input, at maximum flow rate	209 W												
(j) Sound power level	47 dB(A)												
(k) Reference flow rate	0.088 m <sup>3</sup> /s												
(l) Reference pressure difference	50 Pa												
(m) SPI	0.33 W/m <sup>3</sup> /h												
(n) Control factor	Clock control												
(o) Maximum leakage	1.2 % (External)												
	2.6 % (Internal)												
(p) Mixing rate	N / A												
(q) Visual filter warning	Filter warning Curo® Touch												
(r) Grill installing instructions	N / A												
(s) Internet address for disassembly instructions	<a href="http://flaktwoods.com/ecodesign">http://flaktwoods.com/ecodesign</a>												
(t) Airflow sensitivity	N / A												
(u) Air tightness	N / A												
(v) Annual electricity consumption (AEC)	368 kWh/a												
(w) Annual heating saved (AHS)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>Heating saved (kWh/a)</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>8314</td> </tr> <tr> <td>Average</td> <td>4250</td> </tr> <tr> <td>Warm</td> <td>1922</td> </tr> </tbody> </table>	Climate zone	Heating saved (kWh/a)	Cold	8314	Average	4250	Warm	1922				
	Climate zone	Heating saved (kWh/a)											
	Cold	8314											
Average	4250												
Warm	1922												

# VillaMASTER RDAF Midi

## + Curo® Touch + CO<sub>2</sub>

» PRODUCT INFORMATION IN ACCORDANCE WITH COMMISSION REGULATION (EU) NO 1254/2014 ANNEX IV AS REFERRED TO IN ARTICLE 3(1b)

(a) Supplier's name	Fläkt Woods AB												
(b) Supplier's model identifier	VillaMASTER <b>RDAF Midi</b>												
(c) Specific energy consumption (SEC)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>SEC</th> <th>SEC class</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>-77.1</td> <td>A+</td> </tr> <tr> <td>Average</td> <td>-35.8</td> <td>A</td> </tr> <tr> <td>Warm</td> <td>-12.2</td> <td>E</td> </tr> </tbody> </table>	Climate zone	SEC	SEC class	Cold	-77.1	A+	Average	-35.8	A	Warm	-12.2	E
	Climate zone	SEC	SEC class										
	Cold	-77.1	A+										
Average	-35.8	A											
Warm	-12.2	E											
(d) Declared typology	Bidirectional												
(e) Type of drive	Variable speed drive												
(f) Type of heat recovery system	Regenerative												
(g) Thermal efficiency	80.5 %												
(h) Maximum flow rate	454 m <sup>3</sup> /h												
(i) Electrical power input, at maximum flow rate	209 W												
(j) Sound power level	47 dB(A)												
(k) Reference flow rate	0.088 m <sup>3</sup> /s												
(l) Reference pressure difference	50 Pa												
(m) SPI	0.33 W/m <sup>3</sup> /h												
(n) Control factor	Central demand control												
(o) Maximum leakage	1.2 % (External)												
	2.6 % (Internal)												
(p) Mixing rate	N / A												
(q) Visual filter warning	Filter warning Curo® Touch												
(r) Grill installing instructions	N / A												
(s) Internet address for disassembly instructions	<a href="http://flaktwoods.com/ecodesign">http://flaktwoods.com/ecodesign</a>												
(t) Airflow sensitivity	N / A												
(u) Air tightness	N / A												
(v) Annual electricity consumption (AEC)	294 kWh/a												
(w) Annual heating saved (AHS)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>Heating saved (kWh/a)</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>8448</td> </tr> <tr> <td>Average</td> <td>4318</td> </tr> <tr> <td>Warm</td> <td>1953</td> </tr> </tbody> </table>	Climate zone	Heating saved (kWh/a)	Cold	8448	Average	4318	Warm	1953				
	Climate zone	Heating saved (kWh/a)											
	Cold	8448											
Average	4318												
Warm	1953												

# VillaMASTER RDAF Maxi

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» PRODUCT INFORMATION IN ACCORDANCE WITH COMMISSION REGULATION (EU) NO 1254/2014 ANNEX IV AS REFERRED TO IN ARTICLE 3(1b)

(a) Supplier's name	Fläkt Woods AB												
(b) Supplier's model identifier	VillaMASTER <b>RDAF Maxi</b>												
(c) Specific energy consumption (SEC)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>SEC</th> <th>SEC class</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>-74.7</td> <td>A+</td> </tr> <tr> <td>Average</td> <td>-34.1</td> <td>A</td> </tr> <tr> <td>Warm</td> <td>-10.9</td> <td>E</td> </tr> </tbody> </table>	Climate zone	SEC	SEC class	Cold	-74.7	A+	Average	-34.1	A	Warm	-10.9	E
	Climate zone	SEC	SEC class										
	Cold	-74.7	A+										
Average	-34.1	A											
Warm	-10.9	E											
(d) Declared typology	Bidirectional												
(e) Type of drive	Variable speed drive												
(f) Type of heat recovery system	Regenerative rotating energy recovery												
(g) Thermal efficiency	79.4 %												
(h) Maximum flow rate	889 m <sup>3</sup> /h												
(i) Electrical power input, at maximum flow rate	341 W												
(j) Sound power level	47 dB(A)												
(k) Reference flow rate	0.173m <sup>3</sup> /s												
(l) Reference pressure difference	50 Pa												
(m) SPI	0.26 W/m <sup>3</sup> /h												
(n) Control factor	Manual control												
(o) Maximum leakage	0.6 % (External)												
	2.2 % (Internal)												
(p) Mixing rate	N / A												
(q) Visual filter warning	Filter warning Curo® Basic												
(r) Grill installing instructions	N / A												
(s) Internet address for disassembly instructions	<a href="http://flaktwoods.com/ecodesign">http://flaktwoods.com/ecodesign</a>												
(t) Airflow sensitivity	N / A												
(u) Air tightness	N / A												
(v) Annual electricity consumption (AEC)	332 kWh/a												
(w) Annual heating saved (AHS)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>Heating saved (kWh/a)</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>8303</td> </tr> <tr> <td>Average</td> <td>4244</td> </tr> <tr> <td>Warm</td> <td>1919</td> </tr> </tbody> </table>	Climate zone	Heating saved (kWh/a)	Cold	8303	Average	4244	Warm	1919				
	Climate zone	Heating saved (kWh/a)											
	Cold	8303											
Average	4244												
Warm	1919												

# VillaMASTER RDAF Maxi

## + Curo® Touch

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(b) Supplier's model identifier	VillaMASTER <b>RDAF Maxi</b>												
(c) Specific energy consumption (SEC)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>SEC</th> <th>SEC class</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>-76.2</td> <td>A+</td> </tr> <tr> <td>Average</td> <td>-35.3</td> <td>A</td> </tr> <tr> <td>Warm</td> <td>-11.8</td> <td>E</td> </tr> </tbody> </table>	Climate zone	SEC	SEC class	Cold	-76.2	A+	Average	-35.3	A	Warm	-11.8	E
	Climate zone	SEC	SEC class										
	Cold	-76.2	A+										
Average	-35.3	A											
Warm	-11.8	E											
(d) Declared typology	Bidirectional												
(e) Type of drive	Variable speed drive												
(f) Type of heat recovery system	Regenerative												
(g) Thermal efficiency	79.4 %												
(h) Maximum flow rate	889 m <sup>3</sup> /h												
(i) Electrical power input, at maximum flow rate	341 W												
(j) Sound power level	347 dB(A)												
(k) Reference flow rate	0.173 m <sup>3</sup> /s												
(l) Reference pressure difference	50 Pa												
(m) SPI	0.26 W/m <sup>3</sup> /h												
(n) Control factor	Clock control												
(o) Maximum leakage	0.6 % (External)												
	2.2 % (Internal)												
(p) Mixing rate	N / A												
(q) Visual filter warning	Filter warning Curo® Touch												
(r) Grill installing instructions	N / A												
(s) Internet address for disassembly instructions	<a href="http://flaktwoods.com/ecodesign">http://flaktwoods.com/ecodesign</a>												
(t) Airflow sensitivity	N / A												
(u) Air tightness	N / A												
(v) Annual electricity consumption (AEC)	300 kWh/a												
(w) Annual heating saved (AHS)	<table border="1"> <thead> <tr> <th>Climate zone</th> <th>Heating saved (kWh/a)</th> </tr> </thead> <tbody> <tr> <td>Cold</td> <td>8367</td> </tr> <tr> <td>Average</td> <td>4277</td> </tr> <tr> <td>Warm</td> <td>1934</td> </tr> </tbody> </table>	Climate zone	Heating saved (kWh/a)	Cold	8367	Average	4277	Warm	1934				
	Climate zone	Heating saved (kWh/a)											
	Cold	8367											
Average	4277												
Warm	1934												



# VillaMASTER RDAF Maxi

## + Curo<sup>®</sup> Touch + CO<sub>2</sub>

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(a) Supplier's name	Fläkt Woods AB		
(b) Supplier's model identifier	VillaMASTER <b>RDAF Maxi</b>		
(c) Specific energy consumption (SEC)	<b>Climate zone</b>	<b>SEC</b>	<b>SEC class</b>
	Cold	-78.9	A+
	Average	-37.4	A
	Warm	-13.6	E
(d) Declared typology	Bidirectional		
(e) Type of drive	Variable speed drive		
(f) Type of heat recovery system	Regenerative		
(g) Thermal efficiency	79.4 %		
(h) Maximum flow rate	889 m <sup>3</sup> /h		
(i) Electrical power input, at maximum flow rate	341 W		
(j) Sound power level	47 dB(A)		
(k) Reference flow rate	0,173 m <sup>3</sup> /s		
(l) Reference pressure difference	50 Pa		
(m) SPI	0.26 W/m <sup>3</sup> /h		
(n) Control factor	Central demand control		
(o) Maximum leakage	0.6 % (External)		
	2.2 % (Internal)		
(p) Mixing rate	N / A		
(q) Visual filter warning	Filter warning Curo <sup>®</sup> Touch		
(r) Grill installing instructions	N / A		
(s) Internet address for disassembly instructions	<a href="http://flaktwoods.com/ecodesign">http://flaktwoods.com/ecodesign</a>		
(t) Airflow sensitivity	N / A		
(u) Air tightness	N / A		
(v) Annual electricity consumption (AEC)	240 kWh/a		
(w) Annual heating saved (AHS)	<b>Climate zone</b>	<b>Heating saved (kWh/a)</b>	
	Cold	8495	
	Average	4343	
	Warm	1964	