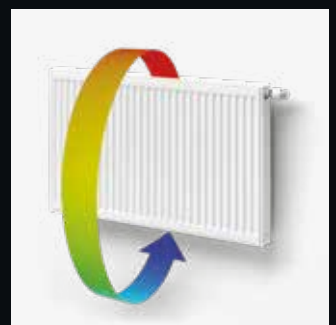


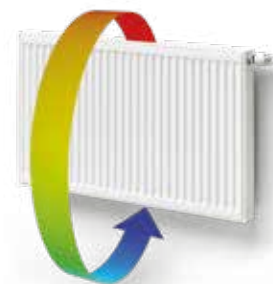
VENT-O-MATIC

MORE COMFORT WITH LESS ENERGY



VENT-O-MATIC

Economise on energy, not comfort



Congratulations on the purchase of your VENT-O-MATIC.

The VENT-O-MATIC increases the air flow from your radiator and consequently the heat output. This draws up to 60% more heat from your radiator. With the VENT-O-MATIC fans, the heat from your radiator is distributed better, faster and more evenly in the room. So in next to no time you have a nice warm room. In addition, you can set the room thermostat 1 to 2 degrees lower without sacrificing comfort and save on your energy bill.

SMART AND USER-FRIENDLY

The VENT-O-MATIC is fully automatic. As with a normal radiator, the control takes place via a thermostatic valve, whether or not combined with a room thermostat. Nothing new under the sun! VENT-O-MATIC does not have a complex control panel or additional buttons.

WHAT ARE THE BENEFITS OF SMART VENT-O-MATIC RADIATOR FANS?

- Ensuring comfortable warmth in the house
- Fewer temperature fluctuations
- Energy savings up to 30%
- Mounted in the radiator, thus invisible
- Easy to fit yourself
- Extremely quiet

SOUND PRESSURE

Thanks to the modulating control, you can enjoy pleasant thermal comfort even without technical knowledge. The sound of the fans providing the extra convection heat is also not disturbing. Where other conventional systems usually operate in three settings, the VENT-O-MATIC convection technology adapts quickly and quietly to the required temperature. As a result, the sound will always be automatically kept to a minimum and barely audible. The VENT-O-MATIC only operates at full power with maximum heat demand, so that the surrounding area is brought to the desired temperature quickly. The measured sound pressure is then only 32 dB(A) at a distance of one metre for a model of 600 mm high by 1,000 mm long, so it is extremely quiet.

How loud does a decibel sound?		
dB(A)	Perception	Examples
10	Almost impossible to hear	Breathing, falling leaf
20	Just audible	Radio studio, rustling of tree leaves
30	Very quiet	Library (30 to 40 dB), whispering
40	Quiet	Living room, quiet classroom, soft background noise, refrigerator
50	Limited noise	Air conditioning, normal conversation, dishwasher

This manual is intended to provide you with a step-by-step explanation of how to install the VENT-O-MATIC correctly. In addition, the safety aspects are discussed.

IMPORTANT TO KNOW

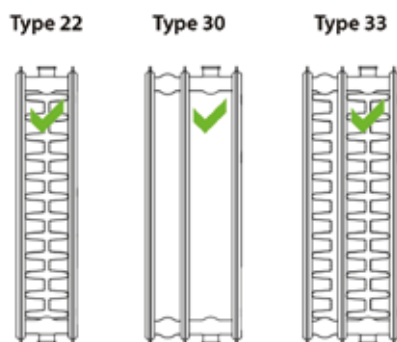
- Before putting the products into use, please read this manual, including the safety instructions, carefully to ensure the correct use of the VENT-O-MATIC.
- The buyer takes note of the user manual at the time of delivery.
- This manual has been compiled with care and is based on the standard product versions.
- The illustrations in this manual may differ from the actual situation.
- SRG is not liable for damage resulting from use contrary to the requirements set out in this manual.

INSTALLATION & PLACEMENT

- Note: the radiator may be hot. Temporarily set the thermostat to low temperature and wait until the radiator has cooled down.
- Clear the space around and under the radiator so that you can easily mount the VENT-O-MATIC.
- Make the radiator (front, rear and inside) dust-free as much as possible, especially the fins between the radiator. Existing radiators often collect dust that can be distributed by the VENT-O-MATIC fans.
- Use a socket near the radiator.

SUITABLE RADIATOR TYPES

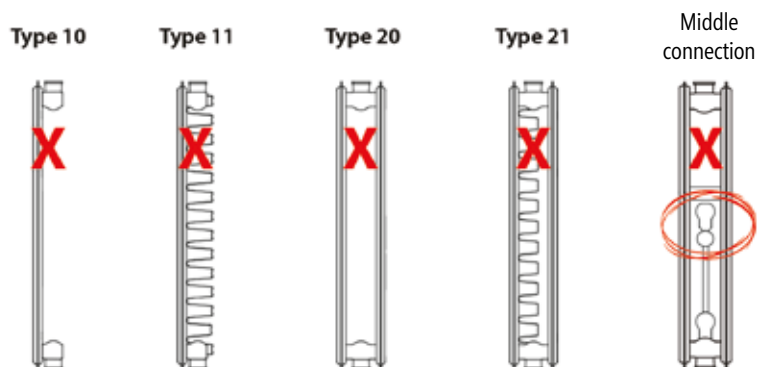
The VENT-O-MATIC is suitable for all Henrad and Stelrad radiators types 22, 30, 33 and 44, WITHOUT middle connection, as shown below.



UNSUITABLE RADIATOR TYPES

The VENT-O-MATIC is NOT suitable for the following Henrad and Stelrad radiators:

- Henrad and Stelrad radiators of types 10, 11, 20 and 21 because of their specific depth;
- Henrad and Stelrad radiators WITH middle connection because of the connection tube at the bottom of the radiator;
- Novello and Premium All In radiators because of their specific consoles that attach to the lower weld seam.



The VENT-O-MATIC was specially developed for radiators of the Stelrad and Henrad brands. Good assembly, correct operation and sound intensity in combination with radiators from other brands cannot be guaranteed. SRG cannot therefore be held liable for malfunctioning or damage resulting from use with other heating appliances.

OPERATION

When plugging the plug into the socket, the fans will run briefly as a check. If the fans are not running, check that you have followed all the installation steps correctly.

The VENT-O-MATIC is now ready for use. The VENT-O-MATIC fans will only run due to the intelligent control if the radiator becomes hot at the bottom. This will take about 10 to 30 minutes.

CONSUMPTION

The VENT-O-MATIC comes with an AC/DC adapter 240V/12V and will have a maximum consumption of 1.2 to 7W.

DISASSEMBLY

How to remove the VENT-O-MATIC from the radiator:

- Unplug from socket
- Firmly grab the VENT-O-MATIC with both hands and pull it out of the radiator in a gentle motion.

MAINTENANCE

Over time, dust will stick to the fans, as is often seen with radiators.

Use a dry cloth to clean the VENT-O-MATIC.

Please note: Do not use a vacuum cleaner to remove dust from the VENT-O-MATIC, this can damage the fans and electronics!

After cleaning the VENT-O-MATIC you can replace the VENT-O-MATIC as described on pages 6 and 7.

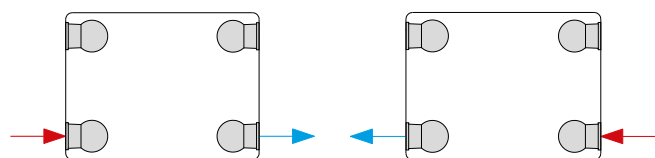
MAXIMUM OPERATING TEMPERATURE

The VENT-O-MATIC operates optimally at (very) low radiator temperatures and can be used up to a radiator temperature of a maximum of 60°C. At higher radiator temperatures, noise will increase and efficiency will be reduced.

COOLING

Cooling is only possible in combination with a heat pump. The feed temperature must remain above the dew point. For cooling purposes, the water direction must be reversed by the radiator and the thermostat head must be fully open. At room temperature above the maximum temperature setting of the radiator thermostat, the thermostat head must be temporarily removed.

If the feed and return of the radiator is at the bottom, as in the drawings below, it is not suitable for cooling.



GUARANTEE

The VENT-O-MATIC benefits from a two-year guarantee if used normally. There is no guarantee on moisture damage or damage caused by incorrect use. The guarantee only applies when installed on radiators of the brand Henrad or Stelrad.

SAFETY

- The VENT-O-MATIC is NOT suitable for use in damp areas such as in a bathroom.
- If the VENT-O-MATIC is used for cooling, the following applies. The temperature at which water vapour starts to condense in the ambient air is called the dew point. Condensation can cause damage to the VENT-O-MATIC, radiator and environment. The VENT-O-MATIC does not switch itself off when the dew point is reached. The customer must therefore personally check the dew point and avoid the temperature falling below the dew point to avoid condensation.
- The adapter must not be inserted in a socket behind the radiator.

TROUBLESHOOTING

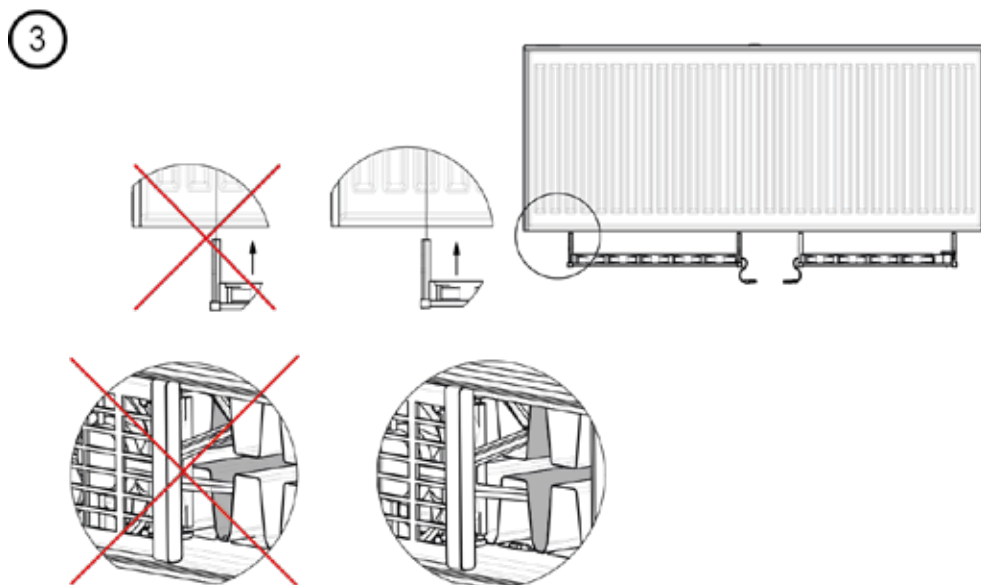
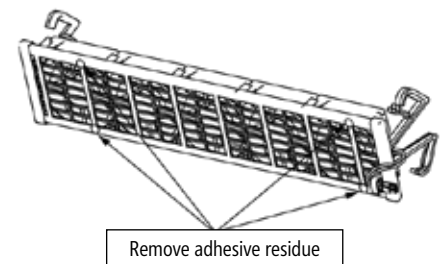
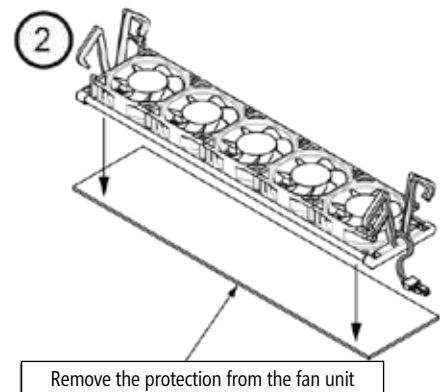
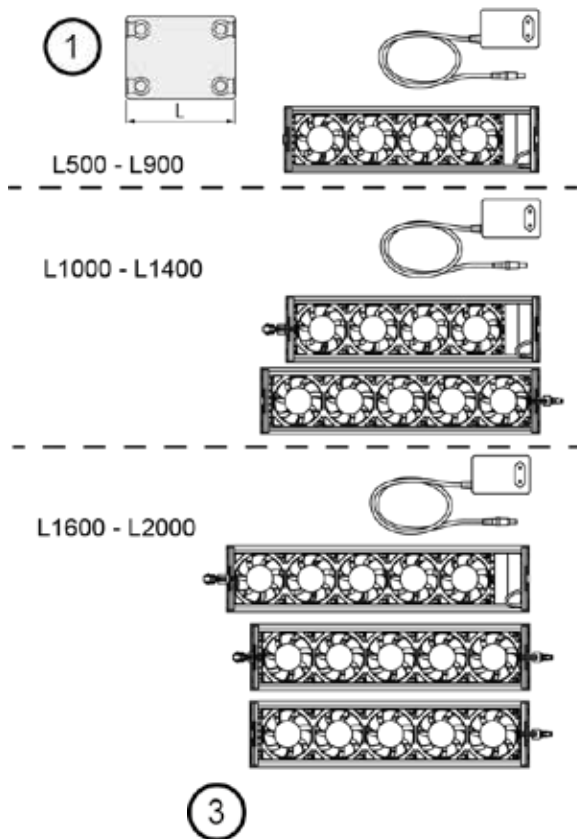
If you experience any problems, you may find the solution in the table below.

Observed failure		Solution
Fan fault	Fans run for 10 seconds and then stop	This is not a fault, the fans of the VENT-O-MATIC will only run due to the intelligent control if the radiator becomes hot at the bottom. This will take about 10 to 30 minutes.
	Fans are not running	Check that the adapter pin is properly inserted into the VENT-O-MATIC.
		Remove the adapter from the VENT-O-MATIC and socket, wait 30 seconds and replace.
		Check that the temperature sensors are correctly positioned.
		Check that the radiator is heating evenly. If not, bleed the radiator.
		If the underside remains cold (for too long) it may be necessary to adjust your radiator on the water-side. Consult an installer for this.
	One or two parts do not work	Check that the connection plug between the parts is properly connected.
Suspension problem	The fans exhibit pulsating behaviour	The temperature sensor is not properly fixed in the circuit board. Push the connector of the temperature sensor further into the PCB.
	The VENT-O-MATIC does not remain suspended or hangs at an angle	The suspension bracket may be slanted or incorrect between the fins. Remove it completely from the radiator, position the bracket so that it fits exactly between the radiator plates at the two bracket positions while pushing it up at the same time. If a suspension bracket is broken, contact our customer service.

Installation

The installation is very simple. You attach the VENT-O-MATIC to the inside of your radiator and plug the plug into the socket. After installation, you don't have to do anything else because it switches itself on and off with its temperature-sensitive sensors.

- 1) In the packaging: Manual, adapter, cable clamps and depending on radiator length 1, 2 or 3 parts of VENT-O-MATIC.
- 2) Remove the VENT-O-MATIC protection and remove any remaining adhesive residue.
- 3) Click the VENT-O-MATIC in your radiator, make sure that the clips in the channel click as shown on the drawings and not between the fins.

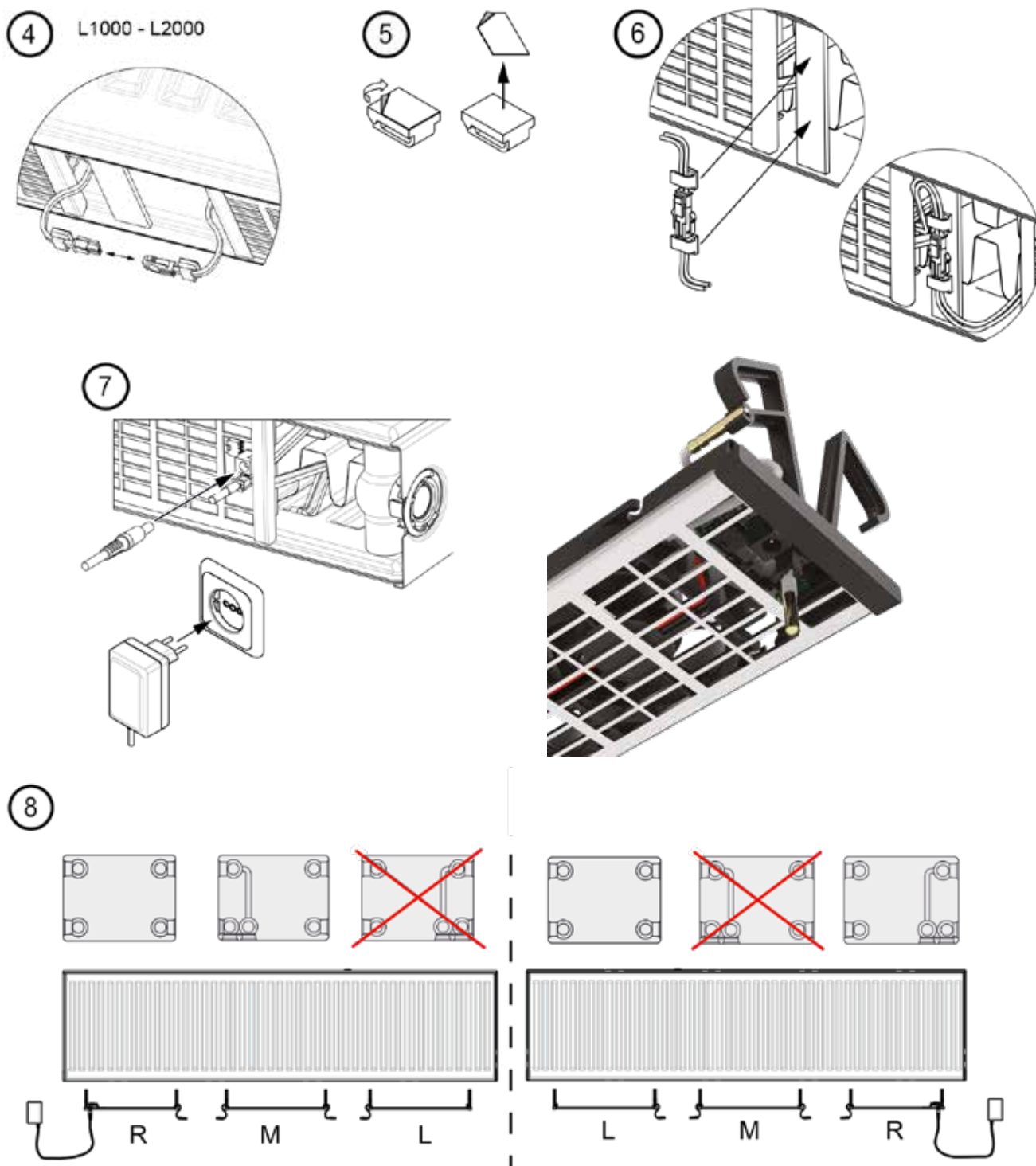


4) Connect the parts of VENT-O-MATIC.

5 and 6) Remove the film from the cable clamps and stick them against the underside of the radiator. Work the connecting cables away nicely.

7) Put the plug into the opening provided in the VENT-O-MATIC and plug into the socket. Also fold the sensor outwards; it must be located outside the radiator.

8) For radiators with a bottom connection, the part of the VENT-O-MATIC with marking "R" must always be mounted on the side of the radiator valve. If present, the part marked "M" must be placed in the middle, this only fits in one way.



Range

RADIATOR BOTTOM VIEW (WITH RADIATOR VALVE ON THE RIGHT SIDE)

L 500 art. nr. T220105



L 600 art. nr. T220106



L 700 art. nr. T220107



L 800 art. nr. T220108



L 900 art. nr. T220109



L 1000 art. nr. T220110



L 2000 art. nr. T220120



L 1800 Art. no. T220118



L 1600 Art. no. T220116



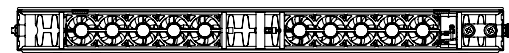
L 1400 Art. no. T220114



L 1200 Art. no. T220112



L 1100 art. nr. T220111



RADIATOR BOTTOM VIEW (WITH RADIATOR VALVE ON THE LEFT SIDE)

L 500 art. nr. T220105



L 600 art. nr. T220106



L 700 art. nr. T220107



L 800 art. nr. T220108



L 900 art. nr. T220109



L 1000 art. nr. T220110



L 2000 Art. no. T220120



L 1800 Art. no. T220118



L 1600 Art. no. T220116



L 1400 Art. no. T220114



L 1200 Art. no. T220112



L 1100 art. nr. T220111



Radiator length	Number of parts	Number of fans		
		"L"	"M"	"R"
500	1	4	-	-
600	1	5	-	-
700	1	6	-	-
800	1	8	-	-
900	1	9	-	-
1000	2	4	-	5

Radiator length	Number of parts	Number of fans		
		"L"	"M"	"R"
1100	2	5	-	5
1200	2	5	-	6
1400	2	6	-	7
1600	3	5	5	5
1800	3	6	5	7
2000	3	6	8	7

VENT-O-MATIC

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