

# RAP-Vario

Reverse Vending Machines



>> Simple, secure, profitable <<



## Many benefits, great value!

Do away with the troubles that the return of deposit goods brings with it today: avoid the additional work, dirt, chance of miscalculation or fraud – with RAP-Vario from RT Recycling Technik! We offer a choice of three innovative reverse vending machines especially designed to meet the needs of small and medium-sized return sites:

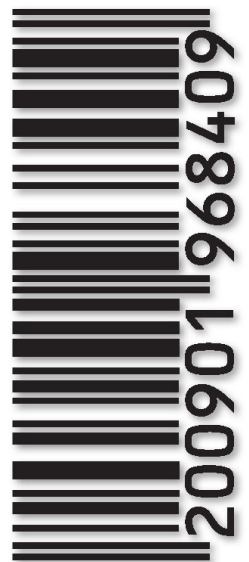
RAP-Vario I for single-use containers, RAP-Vario II for multiple-use containers, and RAP-Vario III for both single-use and multiple-use containers, convince through their compact form, high functionality and an attractive price to performance ratio.

Fitted with essential functions such as assisted bottle insertion, controlled reading of the barcode and DPG security mark, issue of deposit or money-back voucher to suit your checkout system, these space-saving machines hold their own against larger variants.

Beyond this, RAP-Vario offers you the chance to minimize down time and maintenance costs: thanks to a modular design, all elements can be quickly and easily replaced.

### RAP-Vario – benefits at a glance:

1. Increases consumer visits and satisfaction.
2. Increases the volume of returned containers and avoids the loss of value added tax.
3. Avoids fraud and chance of miscalculation via recognition of the DPG security mark.
4. Offers savings on labour and wages.
5. Offers the chance of increased profits through supplementary purchases and reduced waiting time at the checkout.
6. Perfectly hygienic!







[www.rap](http://www.rap)

## Increased Convenience with RAP-Vario Self-Service Reverse Vending Sites!

RAP-Vario is the perfect range for customers who do not require compaction, yet don't want to miss out on the other benefits of an automated reverse-vending machine.

**More returns > More customers > More profit!**

### RAP-Vario I

Compact and functional: RAP-Vario I – your reverse vending machine for commercial, single-use containers with deposit, such as PET bottles and tin cans.

### RAP-Vario II

One for both: RAP-Vario II – your reverse vending machine for commercial multiple-use containers with deposit, such as glass bottles and PET.

### RAP-Vario III

The all-rounder: RAP-Vario III – your reverse vending machine for commercial single and multiple use containers with deposit, including PET and glass bottles and tin cans.

Find further information at [www.rap-vario.de](http://www.rap-vario.de)



-vario.de



## Why Choose For a Reverse Vending Machine?

With a reverse vending machine you save labour time as well as cost – important for small and mid-sized companies. Beyond this, such a system can increase the amount of returned containers by up to 100%. This directly reduces the amount paid in value-added tax, since value-added tax is liable on all deposit goods - including the deposit itself! When the empty containers aren't returned to you, you effectively lose the tax you paid on them. Through ease of use, a reverse vending machine encourages customers to return their empty containers to you. Incidentally: containers purchased from other stores which are returned to your reverse vending machine bring you additional profits!

In addition, a reverse vending machine helps you enhance profits via reduced waiting time: experience shows that money back is often immediately spent again in-store.

**Improve customer satisfaction:** customers who can return their empty containers quickly and easily often then spend more on their shopping.

And finally, a reverse vending machine offers you a clean and hygienic solution: the dirt and odours attributed to manual handling of empty containers are a thing of the past.







## **RAP-Vario from RT Recycling Technik – innovative, secure, and made for you!**

RAP-Vario from RT Recycling Technik is especially developed to meet the needs of small and mid-sized return sites. It is currently the only series of reverse vending machines which prevent fraud and miscalculation via recognition of the German DPG-mark as a standard feature. You can therefore be sure that you will not suffer losses due to the accidental or fraudulent insertion of containers not bearing a deposit.

Despite its particularly space-saving design, the RAP-Vario is equipped with a very large capacity. The unit is suitable for both indoor and outdoor sites, as well as for individual promotion purposes. In addition, the RAP-Vario is particularly competitive in terms of its price to functionality ratio, which is especially attractive for small to mid-sized companies.

Over and above our range of innovative products, RT Recycling Technik's team of experts offer you an extensive advice and maintenance service.

Call us at

**Phone +49 (0)621 4401933**

or visit our internet site at

**[www.rti-recycling.de](http://www.rti-recycling.de)**

We look forward  
to hearing from you!

# RAPVario I to III

## Technical Data:

### Dimensions:

#### Vending Machine:

Width	800 mm
Depth	800 mm
Height	1800 mm

#### Container:

Width	750 mm
Depth	750 mm
Height	1000 mm

#### Large Bag:

Width	750 mm
Depth	750 mm
Height	1000 mm

#### Small Bag:

Width	330 mm
Depth	750 mm
Height	1000 mm

### Color selection:

#### The machine

is available in all standard RAL colors.

### Specifications:

#### Capacity:

480	PET bottles – 0,5 l
170	PET bottles – 1,5 l
550	Tin cans 0,33 – 0,5 l

#### Container Diameter:

40 mm – 140 mm

#### Max. length:

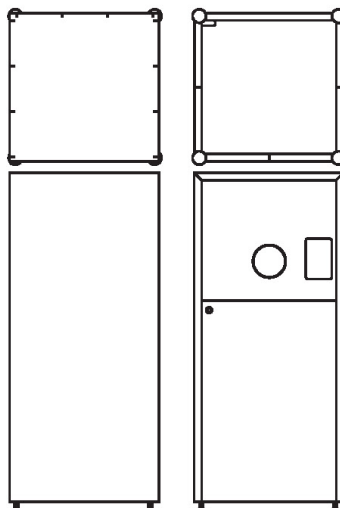
380 mm

#### Throughput Vario I:

approx. 40 items per minute

#### Throughput Vario II and III:

approx. 20 items per minute



### Electrical Specifications:

CE certified

#### Power supply:

230 V / 8 A Europa  
115 V / 16 A America  
Operating voltage 24 VDC

#### Display:

4-lines LCD Display

#### Thermoprinter:

Paper width 80 mm

