

Modular Reverse Vending Solution Of The Newest Generation

With the REDEM F1 retailers can link reverse vending transactions with in-store promotions, loyalty points and much more.

Equipped with the EasyClean cleaning concept, dirt and liquids can be easily removed from the system. Relevant components can be easily removed for cleaning and reinstated. With the 360° recognition technology, beverage containers can be accepted in no time and thus can be transported quickly and without interruption. This leads to seamless processing time for the customer and reduce environment pollution. The user-friendly, intuitive and high-resolution 8,4" touch display grants a rapid personnel instruction period.

Efficiency by Design

Based on the through-the-wall configuration, the space-saving REDEM F1 is specifically suited for large retail environments. The modular back-office components ensure a flexible use to transport, to compact and to collect beverage containers. Thanks to a high-capacity compactor, retailers can set a larger interval between the periods for removing empties—minimizing labor requirements and freeing in-store personnel to focus on delivering high-quality customer service. With more energy-efficient technology, such as the new 360° recognition reader, consumers spend less time at the return station and more time shopping.

Drive sales and optimize store processes

By equipping the REDEM F1 with intelligent software applications, retailers can enable value-added features that shrink total cost of ownership. With a comprehensive range of software applications for tailored couponing, loyalty-card rewards, advertising and more, retailers can drive same-day sales at reverse vending machines. The complete and transparent integration of the solution with every in-store point-of-sale system enables retailers to offer a seamless customer journey, without compromising on security. The EasyClean System increases the stability and availability of the system.

Protect the Environment

With REDEM F1 solution, retailers can simultaneously protect the environment and drive the commercial benefits of reverse vending. Today reverse vending solutions from RE DEPOSIT take back more than €45 or \$47 million worth of PET (polyethylene terephthalate) containers every year. To learn more, contact your RE DEPOSIT representative today, or visit: re-deposit.com.



REDEM F1

Features

- Full graphic 10.1" touch display with interactive operator guidance and simple pictogram control
- High-quality user interface with a new design
- Help texts for simple trouble-shooting
- Thermal printer
 - Paper width: 60 mm
 - Paper length: 500 m
- Manipulation protection system
- Full bottle recognition
- LAN for online connection
- Energy-efficient LED lighting

Recognition Data

- 360° barcode/logo recognition
- Shape and color recognition of individual packs
- Crate recognition: 3D stereovision method
- Processing speed:
 - up to 60 bottles/minute
 - up to 15 crates/minute
- Data capacity: almost unlimited

Benefits At-A-Glance

- Maximize selling space with an efficient through-the-wall configuration and an optimized back-office footprint
- Optimized for retailers with a floor space of 400-5,000m²
- Complete integration with every instore point-of-sale system enabling retailers to offer a seamless customer journey
- With 360° recognition technology, no need to manually turn containers. This ensures an uninterrupted and rapid input process flow.
- Minimizes manual labor and cuts costs using a high-capacity compactor to lengthen the duration between emptying intervals
- Sustainability with reduced power requirements by energy-efficient LED lighting

- The EasyClean conception reduces the effort of cleaning and simultaneously increases the availability and stability of the system

System-Options

Case

- Individual door color (RAL color range)

Other

- Reader for safety features of one-way deposit
- Interface for customer communication with either a barcode reader or NFC interface

Power Supply

- 3–400V/50Hz

Power Consumption

- 180 W full load
- 100 W standby

Conformity

- Machine directive, EMV, CE

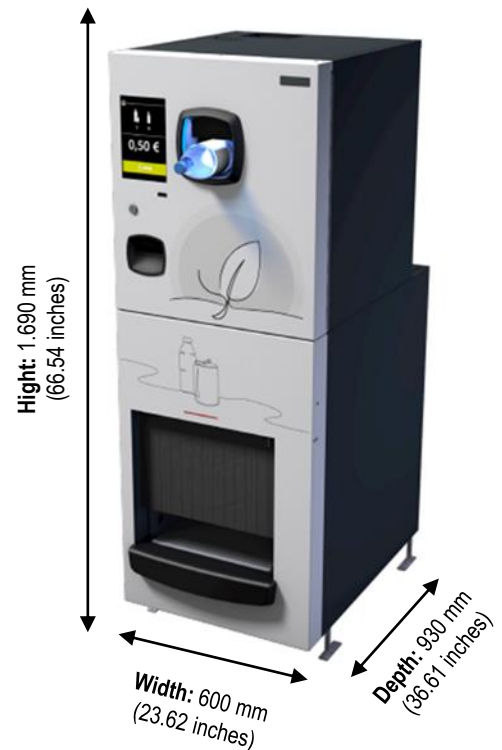
Temperature Range

- +10 °C to +40 °C

Swap-Service

RE DEPOSIT's service organization ensures high availability of all REDEM systems. Experienced field service engineers that can directly access OEM spare parts enable fast system recovery, according to the agreed contractual details.

Dimensions



Height: 1.690 mm (66.54 inches)	Width: 600 mm (23.62 inches)
Depth: 930 mm (36.61 inches)	Weight: 250 kg (551 lbs)

Further Equipment

- Collecting container
- Foil bags for collection containers
- Receipt roll
- Cleaning products, e.g.
 - ActiveClean
 - CleanFlush