

# E-Motion

RFID Cabinet Locks

**ASSA**<sup>®</sup>  
ASSA ABLOY

ASSA ABLOY, the global leader  
in door opening solutions.





## Technology

RFID stands for "Radio Frequency Identification". The system comprises two main components:

The information carrier, or tag, may be a card or wristband.

The radio transmitter/receiver in the lock; when the lock and tag communicate with each other, power is around one twentieth of that which a normal mobile phone emits.

ASSA E-Motion uses Mifare chip technology for reading and sending (13.56 MHz).

The lock has been tested for use in humid environments and is approved to protection class IP55.

The lock is easy to install and is suitable for most cabinets that use coin locks, cabinet locks, and padlock fittings installed for door thicknesses between 2 and 25 mm.

The bolt is made of stainless steel, embedded in plastic for high security.

No wiring is required as the locks are completely self-contained and run on 3 x 1.5 V batteries that are good for around 20,000 openings.

The lock signals low battery level and does not need to be removed from the door for battery replacement. Batteries can only be replaced by authorized staff. It is also possible to supply current from an external door opener.

### The E-Motion system comprises the following:

- Software for uploading authorized persons, cabinets and timetables.
- Programming unit for transfer of authorization to cabinet locks, log reading and the opening of cabinets in the event of discharged batteries.
- Touch-free cards or tags with Mifare technology and encrypted sector coding.
- Encoders connected to PC to allow Mifare cards or tags to be encoded to individuals.
- Easily installed, wiring-free, battery-driven cabinet locks.

## ASSA E-Motion – flexible cabinet lock with RFID

ASSA E-Motion is the perfect solution when you need to safely store your belongings temporarily, such as your clothes and valuables at the gym, the pool, in hospital, at school or fitness facilities.

Touch-free cards or tags that communicate with the lock allow problem-free use for guests while providing staff with access to several practical functions.



### Use

#### Guests

The guest is free to choose from the unoccupied lockers available, but only one locker at a time.

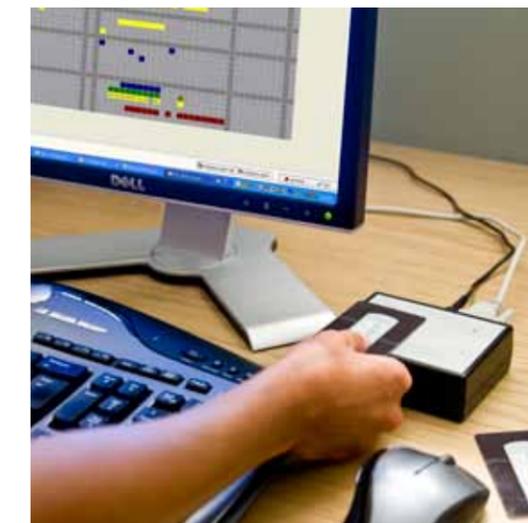
Locking takes place by turning the handle and then presenting the card/tag.

Presenting the tag again unlocks the locker automatically.

#### Staff

Staff members have the ability to unlock cabinets using special staff cards.

In order to prevent guests from "booking" cabinets it is possible to program the locks to open automatically.



Administer the software from one or more PCs via the network. Program cards and tags via an encoder.



Programming unit – transfers authorizations, reads logs or opens doors if batteries run out.

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# ASSA®

## ASSA ABLOY

ASSA ABLOY, the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

