

## RF+ Heating Valve Drive, Secure [RF-HVA1xxx.01S]



The smart retrofit heating control: MDT RF+ Heating Valve Drive reliably ensure a constant room temperature. The setpoint can be adjusted either centrally via KNX or locally on the device.

### Battery

The RF+ Heating Valve Drive is battery-operated and, thanks to the automatic "Deep Sleep" mode, achieves operating times of up to 10 heating periods. (Depending on the variant). The battery status is monitored. The 1-byte object provides the battery level in Percent (0 ... 100 %). A 1-bit object additionally warns when a configurable threshold is undershot and reminds you to change the battery.



RF-HVA1DAA.01S

### Variants, battery types and operating times

Variant	With display and buttons	Battery type	Operating time (up to)
RF-HVA1DAA.01S	yes	2 x AA battery	3 heating seasons
RF-HVA1DLB.01S	yes	1 x lithium metal battery	8 heating seasons
RF-HVA1ILB.01S	no	1 x lithium metal battery	10 heating seasons

### Temperature controller

The temperature control can be done either externally or internally in the Heating Valve Drive. Thanks to the integrated temperature sensor, the Heating Valve Drive can operate completely autonomously and responds to a sudden drop in temperature when a window is open by adjusting the setpoint. When using an external temperature controller, conventional window contacts or an MDT RF+ window handle/window contact can influence the control and adjust the setpoint for a specific period of time.

### Display and buttons (not RF-HVA1ILB.01S)

The energy-saving E-Ink display provides all important information. For example, setpoint, battery status and connection status. Lockable buttons on the device can be used for local setpoint adjustment.

Suitable for bedrooms

The quiet drive of the heating valve allows it to be used in bedrooms.

## Compatibility

The MDT RF+ Heating Valve Drive features an M30 x 1.5 mm threaded connection. This makes it directly compatible with many valves from various manufacturers without the need for an adapter. Additionally, the following valve adapters are included in the scope of delivery:

- Danfoss RA, RAV and RAVL

## KNX Secure

The device supports secure commissioning in KNX installations.

## Updateable

If necessary, the device can be updated via the "MDT Firmware Update App".

## Long frame support

The device supports "Long Frames" (longer telegrams). These contain more user data per telegram, which significantly reduces programming time with the ETS.