

DELTA i-system	Fan-Coil Unit Operator Panels Hotel	UP 237F	5WG1 237-2FB_1
DELTA profil	Fan-Coil Unit Operator Panels Hotel	UP 252F	5WG1 252-2FB_1
DELTA style	Fan-Coil Unit Operator Panels Hotel	UP 254F	5WG1 254-2FB_1

As at: March 2008

## Operating and installation instructions

	DELTA i-system	DELTA profil	DELTA style
Frames	ordered separately from the DELTA ranges		
Bus Transceiver Module	The necessary Bus Transceiver Module UP 117 must be ordered separatel.		

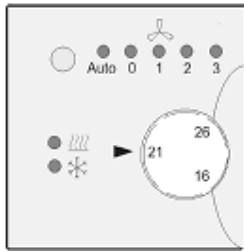


Figure 1: Fan-Coil Unit Operator Panel Hotel

### Product and Applications Description

The Fan-Coil Unit (FCU) Operator Panels Hotel UP 237F, UP 252F and UP 254F have been designed for use in combination with a FCU Controller REG 540. They can be applied in hotel rooms or living rooms that are heated and / or cooled by a fan-coil unit. A FCU Operator Panel Hotel can only function together with the necessary Bus Transceiver Module (BTM) UP 117 and the associated application program.

The application program, loadable up from ETS2 V1.3, supports the following functions:

- Permanent setting of the desired fan rotational speed respectively resetting to the automatic adjustment of the fan rotational speed by pressing the button.
- Display of the manually selected fan rotational speed respectively of the automatic adjustment of the fan rotational speed by the FCU controller via five yellow LEDs.
- Display if heating or cooling operation active via two green LEDs.
- Setpoint adjustment of the room temperature via the rotary knob.

### Additional Information

<http://www.siemens.com/gamma>

### Technical Specifications

#### Power supply

- carried out via the BTM UP 117

#### Operating elements

- 1 rotary button for adjustment of the room temperature setpoint
- 1 button for setting the fan speed

#### Display elements

- 5 LEDs for Display of the manually set fan rotational speed resp. of automatic fan speed setting
- 1 green LED for heating
- 1 green LED for cooling

#### Connections

- 10-pole plug connector for connection with the bus transceiver module UP 117

#### Mechanical Data

- Dimensions:
  - Fan-Coil Unit Operator Panel Hotel UP 237F for DELTA i-system: (L x W x D): 55 x 55 x 16 mm (excluding clamp)
  - Fan-Coil Unit Operator Panel Hotel UP 252E for DELTA profil: (L x W x D): 65 x 65 x 16 mm (excluding clamp)
  - Fan-Coil Unit Operator Panel Hotel UP 254E for DELTA style: (L x W x D): 68 x 68 x 16 mm (excluding clamp)
- Weight:
  - DELTA i-system, DELTA profil approx. 30 g
  - DELTA style approx. 40 g

### Electrical safety

- Protection type (according to EN 60529): IP 20

### Environmental conditions

- Ambient temperature during operation: - 5 ... + 45 °C
- Storage temperature: - 25 ... + 70 °C
- rel. humidity (non-condensing): 5 % to 93 %

### Markings

- KNX EIB

### Position / Function of the Display and Operating Elements

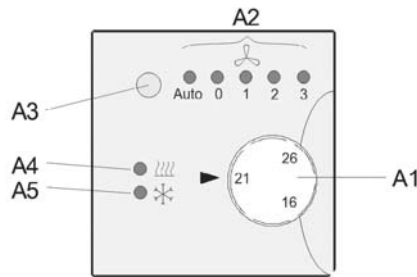


Figure 2: Position of the display and operating elements

- A1 Rotary knob for adjustment of the room temperature setpoint
- A2 Display of the manually set fan rotational speed resp. of automatic fan speed setting
- A3 Button for setting the fan speed
- A4 Display heating operation: glows green when heating valve open
- A5 Display cooling operation: glows green when cooling valve open

### Mounting

- The device can be used for fixed installations in dry interior spaces and for mounting onto a BTM UP 117 integrated into a flush socket.

### DANGER

- The device must only be installed and commissioned by authorized professional electricians.
- The device must not be used in conjunction with 230 V devices in the same socket.
- The device may be used in switch / socket outlet combinations if VDE-authorized devices are used.
- The applicable safety and accident prevention regulations must be observed.
- The device must not be opened.
- When planning and setting up electrical equipment the relevant directives, regulations and stipulations of the respective country must be complied with.

### General description

The Fan-Coil Unit Operator Panel Hotel is attached with the associated DELTA frame to the BTM UP 117 and screwed to its mounting frame.

### Notes to figure 3

- Attach the bus cable and fix the BTM UP 117 (B5) on the flush socket (see mounting instructions for BTM UP 117)
- Remove rotary knob (B1) from the operator panel (B2)
- Attach operator panel (B2) with DELTA frame (B4) to the BTM UP 117 (B5) and secure using screw (B3)
- Replace rotary knob (B1).

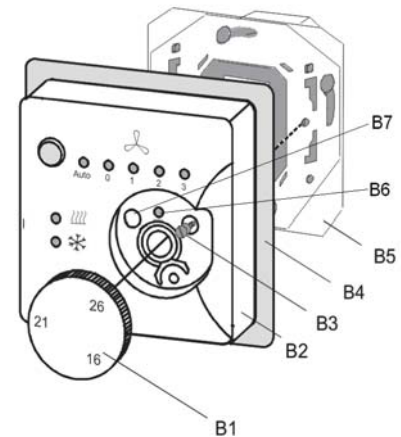


Figure 3: Mounting the Fan-Coil Unit Operator Panel

- B1 Rotary knob for setpoint adjustment
- B2 Fan-Coil Unit Operator Panel Hotel
- B3 Screw for securing the operator panel to the mounting frame of the UP 117 (anti-theft fastening)
- B4 DELTA frame
- B5 Bus Transceiver Module UP 117
- B6 LED for displaying normal mode (LED Off) or addressing mode (LED On); it is automatically extinguished once the physical address has been transferred
- B7 Button for toggling between normal / addressing mode for transferring the physical address

### Dismantling

- Remove rotary knob (B1).
- Loosen screw (B3)
- Remove operator panel together with DELTA frame
- Remove BTM UP 117 (B5) according to dismantling instructions

### General Notes

- The operating instructions must be handed over to the client.
- Any faulty device should be returned to the local Siemens office.
- If you have further questions concerning the product please contact our technical support:

☎ +49 (180) 5050-222  
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 🌐 [www.siemens.com/automation/support-request](http://www.siemens.com/automation/support-request)