Operational elements (standard unit)

1. Main knobs with two functions (turn, push)
2. – Setting daytime temperature
3. – Setting back temperature
4. – Setting heating and set back operational modes
5. – Displaying operation information and temperatures
6. – Manual mode and emission measurement
7. – More features
8. – Emission measurement (for flue cleansing) (adjust boiler temperature)
9. – Backlit LCD display
10. – Operating instructions summary slot

For more information see Operating Instructions - operational elements (boiler control panel).

Operational elements (boiler control panel)

1. Main knob with two functions (turn, push)
2. – Setting the required daytime temperature
3. – Setting the required set back temperature
4. – Setting the heating curve
5. – Setting the required hot-water temperature
6. – Special operating modes - Manual mode
7. – Special operating modes - Emission measurement
8. – More features
9. – Standard display

For more information see Operating Instructions - Standard display.

Emission measurement (for flue cleansing)

When pressed the boiler operates at its maximum preset temperature for 20 minutes. After this time the emission measurement can be started again.

For more information see Operating Instructions - Emission measurement.

Affichages spéciaux

1. Sun shade symbol: Frost protection mode is activated
2. Heart symbol: Heating system is activated
3. Error message (example): The required hot-water temperature should almost be opened fully.
4. Slope: The current operational mode is indicated by an arrow pointing to theappertaining symbol!
5. Press once: Acceptance of the selected and indicated value
6. Turn to the right (+): increase values
7. Turn to the left (–): decrease values
8. Keep pressed: Entry into the programming level, re-entry into the previous selection
9. K: (heating switched off, hot-water temperature)

For more information see Operating Instructions - Emission measurement.

Temperature settings

The calculation of the required heating energy is based on the coldest average outdoor temperature and can be requested from the heating specialist.

For more information see Operating Instructions - Temperature settings.

Setting the required daytime temperature

Temperature settings

For more information see Operating Instructions - Temperature settings.

For separated control mode the relevant heating circuit must be selected first before setting daytime or set back temperature!

For more information see Operating Instructions - Temperature settings.

Setting the required hot-water temperature

Recommended setting values:

- Recommended setting values:
  - Min. setting range: -18°C to -15°C
  - Max. setting range: 5 °C to 30 °C

For more information see Operating Instructions - Temperature settings.

Setting the heating curve

For more information see Operating Instructions - Setting the heating characteristic.

Subject to change

Art. 0400070005 - 0525-21

For separated control mode the relevant heating circuit must be selected first before setting daytime or set back temperature!

For more information see Operating Instructions - Temperature settings.

Note:

For separated control mode the relevant heating circuit must be selected first before setting daytime or set back temperature!

For more information see Operating Instructions - Temperature settings.

Setting the required set back temperature

Temperature settings

For more information see Operating Instructions - Temperature settings.

Operational and symbols

For more information see Operating Instructions - operational elements (boiler control panel).

Operational elements

- More features
- Standard display
- Affichages spéciaux
1. Short period operational modes:

- **HOLIDAY**
  - Heating and hot-water operation switched off frost protected for holiday period.

- **ABSENT**
  - Heating operation is interrupted until set time of return.

- **PARTY**
  - Heating operation is continued until end of party.

2. Automatic operational modes:

- **AUTOMATIC**
  - Automatic heating and hot-water operation automatically according to selected timer program.

- **SUMMER**
  - Only hot-water operation according to selected timer program and hot-water temperature.

3. Permanent operational modes:

- **HEATING**
  - Heating and hot-water operation continuously to the set temperatures.

- **RED.HEATING**
  - Heating and hot-water operation continuously to the set reduced temperatures.

- **STANDBY**
  - Complete heating plant frost protected switched-off.

Selection of operational modes:

Pressing the button (ordinarily the previously selected mode appears flashing). The other operational modes can be selected and activated via the knob, setting flashing on the display points to the appertaining program symbol.

**Examples:**
- Select and activate **AUTOMATIC** operational mode.
- Current operational mode

**Notes:** For short period selection of operational mode first select corresponding heating circuit.

**Example:** If the short period operational modes the corresponding meal settings such as date of return (HOLIDAY) or time of return (ABSEN) or extended heating operation (PARTY) can be activated.

Examples:
- Set and activate holiday mode.
- Activate heating and hot-water operation automatically according to selected timer program.

### Plant information

The information button displays general information such as temperatures and plant conditions.

- **Turn knob clockwise:**
  - Temperature (heat and nominal value)
  - Variable input (function and value)
  - Water feeding such as consumption details.

- **Turn knob anti-clockwise:**
  - Heating circuit information such as:
    - Operational mode (Holiday, Absent, Party, Automatic, etc.)
    - Operating times program (P1 or P1-P3 after clearance)
    - Mode of operation (staple or reduced mode, eco-mode)
    - Heating circuit identification (HC, MC1, MC2, DHW)
    - Status of heating circuit pumps (ON-OFF)
    - Status of mixer position (OPEN-STOP-CLOSE)
    - Status of boiler (ON-OFF)
    - Status and function of variable outputs

### Plant information

Overview of selected and activated operational modes.

**Examples:**
- select and program next heating cycle or weekdays as described under 3.
- select and program next heating cycle or weekdays as described under 3.

### Programming operating times

**Operating times** will be programmed as shown below. More information see Operating Instructions - Programming of operating times.

Each setting flashing on the display can be adjusted with the knob and confirmed by pressing it. Re-entry into the previous selection is done via the info button. ( = temperature during heating resp. hot-water operation).

**Attention:**
- Other cycle conditions will be changed by the same amount.
- A third cycle is available if the second cycle is programmed.

### Operating instructions

**Description in detail see Operating Instructions - sections:**
- Quick operational mode selection
- Functions of operational modes
- Operational mode selection for heating and hot-water
- Operation instructions and functions
- Plant information

### Plant information

**Examples:**
- Select and program next heating cycle or weekdays as described under 3.