

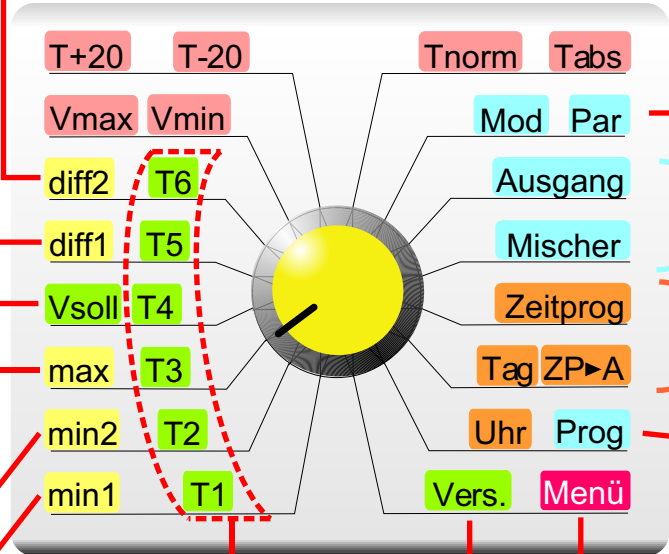
**Vmin, Vmax:** Minimal resp. maximal allowed flow temperature (limiting the heat curve)  
**T+20, T-20:** Nominal flow temperature at +20°C resp. -20°C outdoor temperature (= setting of rise)  
**Tabs, Tnorm:** Desired room temperature in lowering resp. heating mode (= parallel translation of heat curve)  
**These values have an effect to the heat curve.**

**Difference temperatures diff1, diff2**  
 The output will be released, when the temperature difference between two set sensors exceeds this value.  
 The hystereses have an increasing effect.

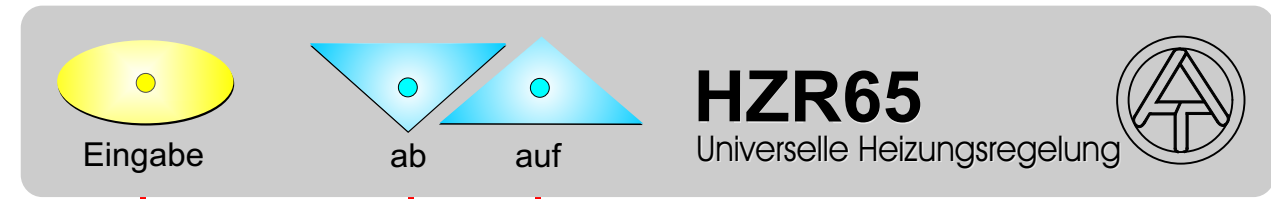
**Nominal flow temperature Vsoll**  
 Check value (not changeable), is calculated based on measured temperatures and heat curve.

**Maximum thermostat function max**  
 Hysteresis has an decreasing effect; switch off increasing **max** and switch on decreasing **max - hysteresis**.

**Minimum thresholds min1, min2**  
 Hystereses have an increasing effect; switch on increasing **min + hysteresis**, switch off decreasing **min**.



**Actual temperature**  
 of sensors T1 - T6



The value can be changed with the blue keys **ab/auf** (down/up).  
 short tap -> change of 1  
 holding -> constant increase/decrease of value

The value, which is nearer to the selector switch, will be displayed without pressing of the yellow key **“Eingabe”** (e.g. **T2**). By pressing the yellow key **“Eingabe”** (= input) the second value will be displayed (e.g. **min2**).

**Mod: Switching over modes**  
**Aut** - automatic mode  
**nor** - holds heating mode at Tnorm, without time function  
**AbS** - holds lowering mode at Tabs, without time function  
**PAr** - Party function  
**FEI** - Holiday function  
**UrL** - Vacation function  
**Stb** - Standby (frost protection)

**Par: Parameter input to modes**  
**Aut:** rAS ⇒ T6 is used as room sensor RAS  
 Std ⇒ T6 is no room sensor, frost protection keeps active over T5  
 Unb ⇒ T6 no room sensor, no frost protection  
**nor:** no parameters  
**AbS:** no parameters  
**PAr:** Setting the time, at which automatic mode should start again  
**FEI:** Day of input operates as Saturday, input of days - operate as Sunday  
**Url:** Input length of vacation in days (lowering mode)  
**Stb:** Input of frost protection threshold at T5 (Decreasing causes lowering mode)

**Ausgang:** Selection of output by **auf/ab**  
 Switch over from **automatic** to **manual** mode (Aut/EIN/Aus = automatic/on/off) by simultaneous pressing the keys **„Eingabe“** and **“auf“** or **“ab“**  
**Mischer:** Switching over mixer control between **Automatic** and **„Hand“** (=manual mode) by simultaneous pressing the keys **„Eingabe“** and **“auf“** or **“ab“**.

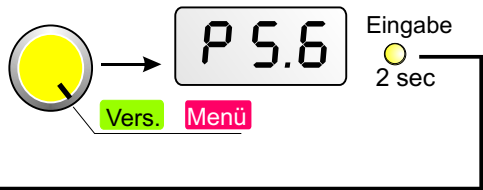
**Zeitprog:** Input of maximal 5 time programs with each 3 switch on and switch off points.  
**Tag ZP ⇒ A:** Allocation of time programs set under “Zeitpr” to weekdays and outputs  
**Description of time programs see page 2.**  
**Uhr:** Setting of actual time in 10 minutes increments

**Prog:** Selection of the program number according to the chosen diagram. Setting by the blue keys **ablauf** (down/up)

**Menü:** Setting of additional parameters in sub menus  
**Description of sub menus see page 2**

**Vers.:** Software version of the controller

# Menu HZR 65 Vers. P5.6



### Explanations

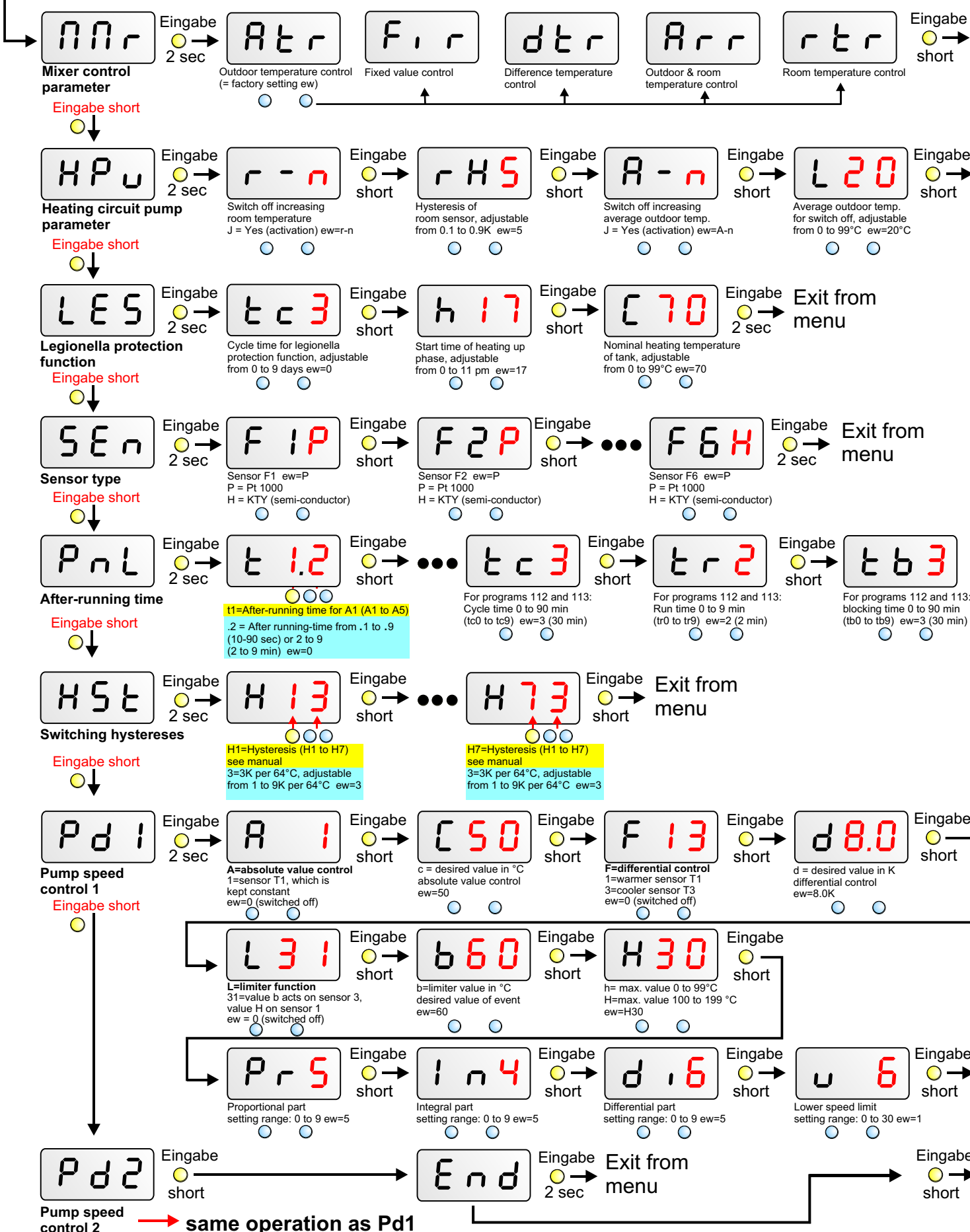
The red printed part of the display is changeable with yellow "Eingabe" or blue "ab/auf" keys.

The red printed part of the display is changeable with yellow "Eingabe" keys. The yellow colored text corresponds to yellow "Eingabe" key, the blue colored text to the blue "ab/auf" keys.

Exit from each display to normal operation occurs by pressing the yellow "Eingabe" key for 2 seconds, turning the selector switch or automatically after one minute.

\*ew = factory settings (= ex works)

t1=after-running time for A1 (A1-A5)  
 .2 = after-running time from .1 to .9 (10-90 sec) or 2 to 9 (2-9 min) ew=0



## Setting the time switch function

**1** Zeitprog P 1.1 → P 5.6 → P 1.2 → 6.0 → 22.3

P1 = time program 1 (setting range: P1 to P5)  
 .1 = switching point 1 (1, 3, 5 = ON, 2, 4, 6 = OFF)  
 Switching over with blue ab/auf keys from P1.1 to P5.6

Switching time: 6.0 = switch-on at P1.1 at 6:00 am, adjustable from 0.1 to 23.5 in 10 minutes increments

Example: Switch-off point 11:30 pm

**2** Tag ZP>A → n n o → L u t → A 1 1 → A 2 2 → d 1

actual weekday ab auf  
 Switch over to weekdays (Wt) Monday to Friday

Switch over to next weekday ab auf

A1= Output 1 (A1 to A5 adjustable, depending to program)  
 1 (2. number)= time program 1; this time program is allocated to the desired output on the active weekday.  
 (1 to 5 adjustable, depending to number of applied time programs)

A2= Output 2  
 2 (2. number)= time program 2

Exit from menu by turning the selector switch .  
 At the end of setting and allocation time program the actual weekday has to be set!

