

## Quick guide for basic settings of Climatix controller

2. Sheet – HMI- Climatix controller
3. Sheet – TCP-IP communication setup
4. Sheet – Alarm list – alarm confirmation
5. Sheet – Auxiliary mode check
6. Sheet – Required temperatur setup
7. Sheet – Mixing damper setup
8. Sheet – Fan speed setup

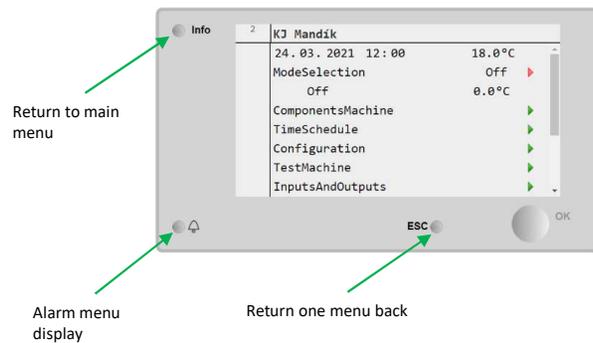
**Note:**

If necessary, more detailed instructions for operating the Climatix controller can be found here:

<https://mandik.cz/getattachment/159fa25e-33fb-4046-b921-4c817850a9dc/.aspx>



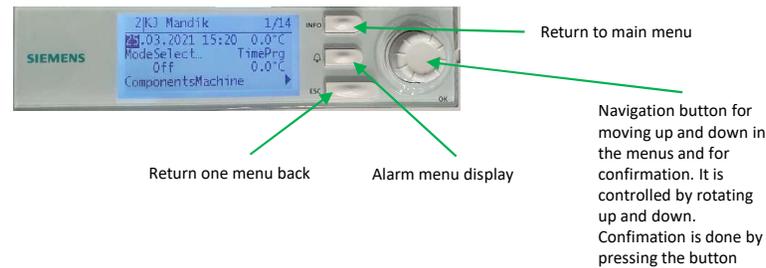
Main menu of climatix regulator with web server visualisation



Expansion display for Climatix controller POL871



Climatix controller display



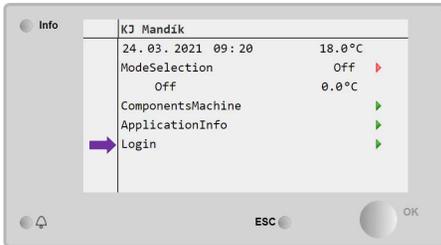
**Display of the Climatix controller note :**

Climatix controller display, its expansion displays and climatix web server use same basic visualization, this means all the menus have same structure and values on all of the displays only difference is in number of lines displayed on each of types of display.

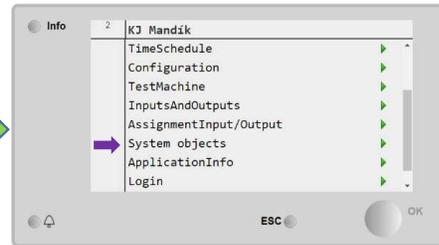
# Quick Start/ Set-up

# TCP-IP communication setup

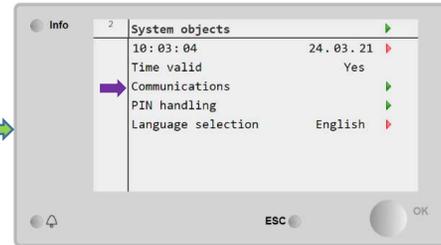
1. Step – Login – Password:2222



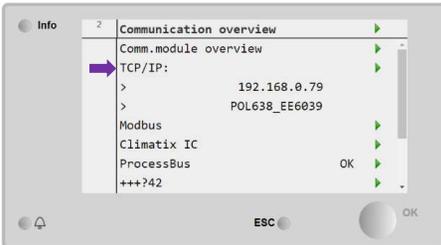
2. Step – System objects



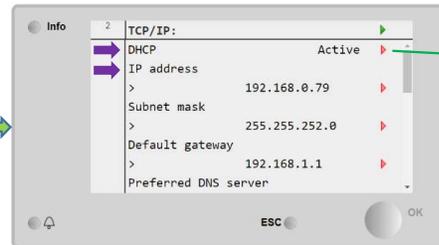
3. Step – Communications



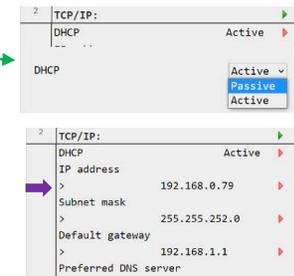
4. Step – TCP/ IP



5. Step – IP address setup



DHCP and IP address setup



**DHCP Passiv**

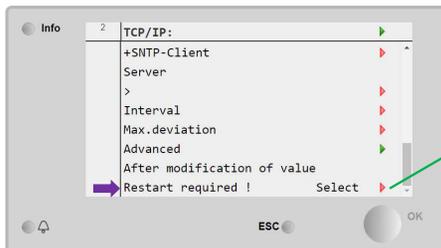
- For setup of fixed IP address
- Fixed IP address is mainly used for direct ethernet connection to the unit (for example with notebook)

**IP Address – Fixed IP address change**

- Default factory IP address is 192.168.1.42

6. Step – Restart

– in TCP/IP menu scroll down



After each change in TCP/IP menu you need to restart the unit



Controller without connection to internet:

**Software:**

Setup fixed IP address by setting DHCP to passive. Restart of the unit, look for actual IP address on controller.

**Hardware:**

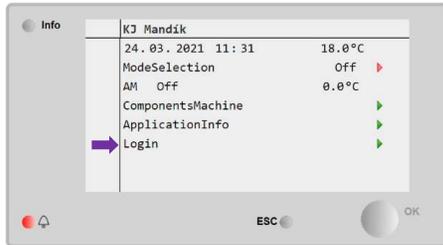
Connection between controller and for example notebook by ethernet cable with RJ45 connector.



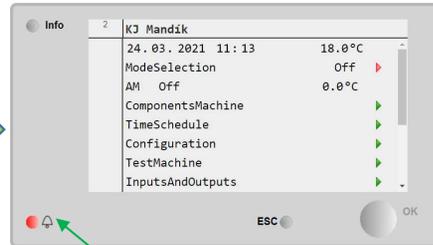
# Quick Start/ Set-up

# Alarm list – Alarm confirmation

## 1. Step – Login - 2222

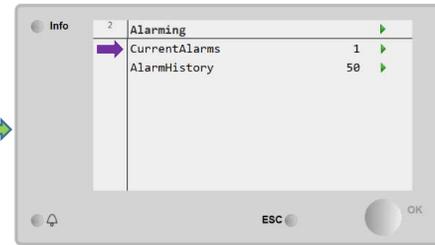


## 2. Step – Bell symbol

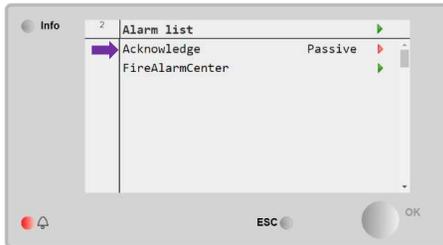


Bell symbol (button on controller)

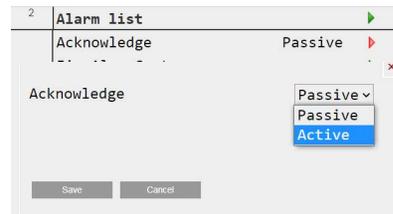
## 3. Step – Alarm menu



## 4. Step – Alarm list(confirmation of alarms)



## 5. Step – Acknowledge/ Active



### Description:

If the bell symbol flashes, it means that there is a new alarm on the unit that has not yet been acknowledged. If the alarm does not disappear after acknowledging the alarm, it means that the problem that caused the alarm still persists. First you need to solve the problem that caused the alarm and then acknowledge it again. Some alarms do not need to be acknowledged, by resolving the problem or by change of the conditions that caused the alarm, the alarms will automatically disappear.

### Note:

The fault is indicated on the controller display by a bell symbol in the upper right corner. The alarm menu is accessed by using the button with the bell symbol.

### Note2:

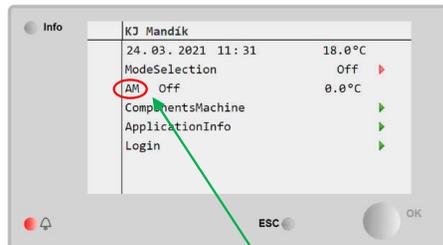
A list of possible alarms and their meaning can be found in the Climatix controller manual. You can find the manual at:

<https://mandik.cz/getattachment/159fa25e-33fb-4046-b921-4c817850a9dc/>



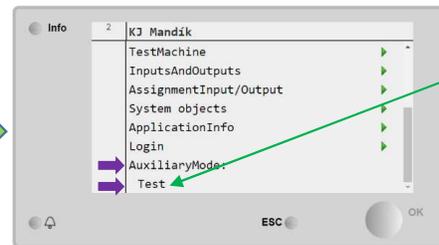
# MANDIK®

## 1. Step – Login - 2222



Indication of active auxiliary mode

## 2. Step – AuxiliaryMode



### Description:

Auxiliary mode displays if one of the special operating modes is active, such as: dehumidification / humidification, increased CO2 level or like here mode "TEST", when the unit's test mode is active.

### Note:

If the unit behaves abnormally, in addition to the alarm list, the auxiliary mode must also be checked.

### Note2:

A list of possible auxiliary modes and their meaning can be found in the Climatix controller manual. You can find the manual at:

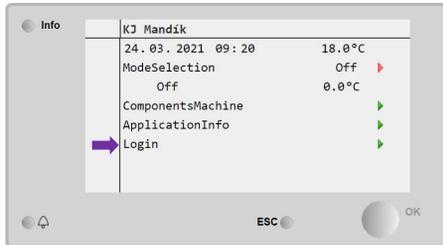
<https://mandik.cz/getattachment/159fa25e-33fb-4046-b921-4c817850a9dc/.aspx>



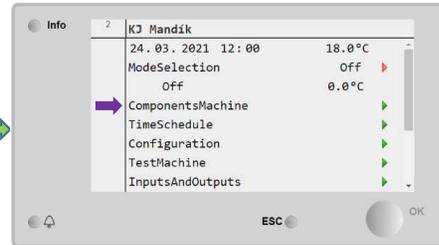
# Quick Start/ Set-up

# Required temperature setup

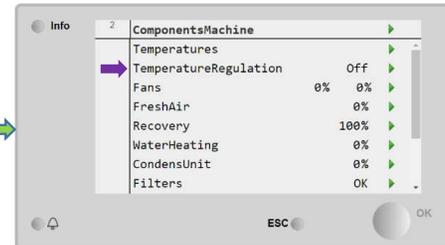
1. Step – Login - 2222



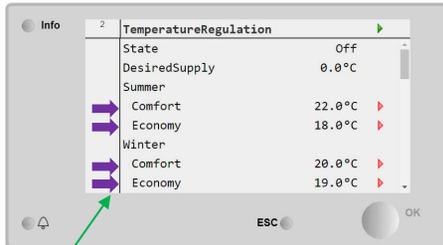
2. Step – ComponentsMachine



3. Step – TemperatureRegulation



4. Step – Required temperature setup



5. Step – Required temperature setup



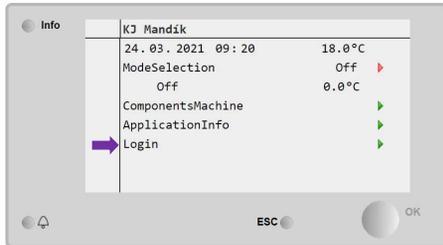
The required temperature for the "Comfort" mode must be equal to or higher than the value for the „Economy" mode

Possibility of setting two temperature setpoints Comfort / Economy in two temperature seasons Summer / Winter

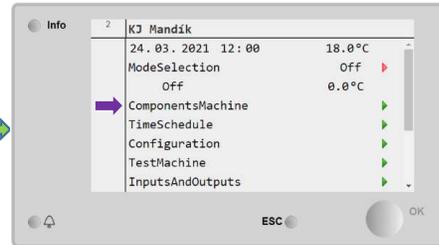
# Quick Start/ Set-up

## Mixing damper setup

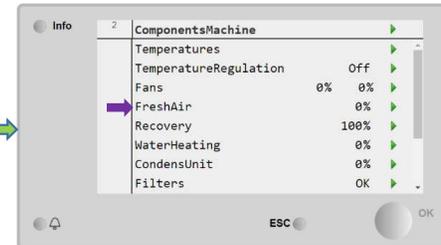
### 1. Step – Login - 2222



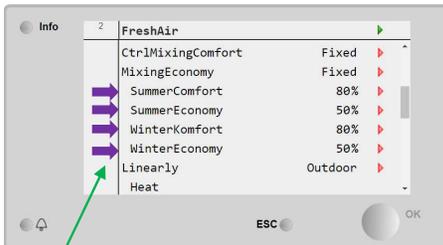
### 2. Step – ComponentsMachine



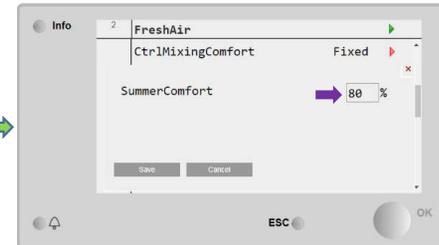
### 3. Step – FreshAir



### 4. Step – Mixing ratio setup



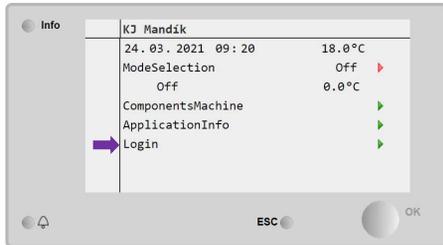
### 5. Step – Mixing ratio setup



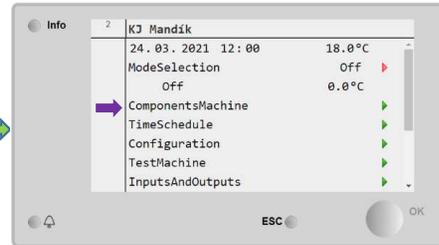
The value in % corresponds to the percentage of opening of the fresh air damper.

Possibility of setting different values for summer and winter operation.

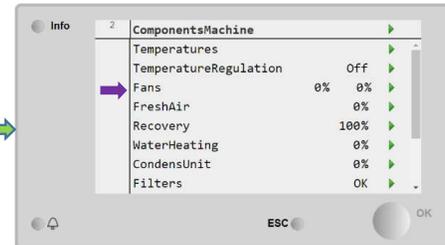
### 1. Step – Login - 2222



### 2. Step – ComponentsMachine

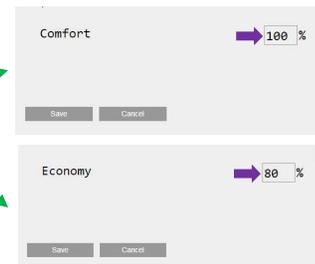
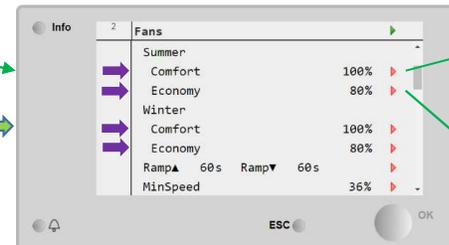


### 3. Step – Fans



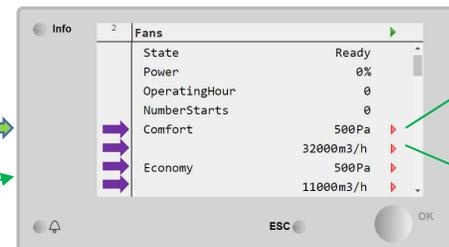
### 4. Step – Fan power setup

Fixed fan speed control



Due to the chosen method of air volume control, we distinguish two menus. The first one is for setting for fixed fan speed and the second one is for setting of the constant pressure control or for setting of constant flow control.

Constant pressure / flow control



#### Description:

For fixed speed control, the fan power value is set directly in percent.  
For constant pipe pressure control, the required pressure is set in **Pa**.  
For constant flow control, the required flow is set in **m3/h**.

**!! For the proper function of constant pressure/flow control, only the pressure value or only the flow value must be filled in, the second value must be set to 0!!**