

1. Equipment Installation

STEP 1 Plug the fan heater cables into the respective connectors as per the depicted color code.

STEP 2 Connect the heating box cables to the Heating Box 1 and Heating Box 2 ports on the rear panel of the controller and enclosure.

STEP 3 Make sure the CO2-UNIT-BL3 is stacked on top of the H203-T-UNIT.

STEP 4 Connect the OKO-TOUCH to the H203-T-UNIT by using the OKO-TOUCH-CABLE.

STEP 5 Pass the on-stage chamber connector through the cable-pass slot indicated and plug it to the Chamber port on the rear panel of the H203-T-UNIT.

STEP 6 Install the HM-VF in the enclosure and fill it with distilled water.

STEP 7 Install the Water Trap in the enclosure.

STEP 8 Connect the gas output to the HM-VF by using the **TUBE-I**, the Water Trap to the HM-VF by using the **TUBE-H**, and the chamber to the Water Trap by using the **TUBE-G**.

- TUBE-G
- TUBE-H
- TUBE-I

STEP 9 Use the TUBE-A to connect the Gas Output port on the rear panel of the gas unit to the Gas Mixer port on the left side of the enclosure.

STEP 10 Connect the OKO-AIR-PUMP to the Pump Output port on the rear panel of CO2-UNIT-BL.

Pump Output
12 V DC

OKO-AIR-PUMP-BL

STEP 11 Connect the OKO-AIR-PUMP-BL to the Air port by using the TUBE-B.

TUBE-B

MAKE SURE TO FOLLOW THE FLOW DIRECTION

AIR

STEP 12 Place the GR-4-M along the TUBE-A on the CO2 gas line. Use the TUBE-A to connect the CO2 and N2 line to the Gas Mixer.

#2 TUBE-A

Open the CO2 at 3 barg. Do not exceed 5 barg.

Open the N2 at 1.4 barg.

Back View

Flow Direction

N2

CO2

Set at 1.4 barg

STEP 13 Plug the controllers into a power point.

Power Supply-Temperature Control Unit

STEP 14 Plug the controllers into a power point.

Power Supply-Gas Control Unit

STEP 15 Plug the enclosure into a power point.

ENCLOSURE POWER CORD

2. System Start & Quick Usage

TURN THE SYSTEM ON

Turn the system ON by pressing and holding the power button on the OKO-TOUCH.

SET DATE&TIME

Navigate to 'Settings' > 'System' > and click on the 'Date & Time' icon .

Settings **System** **Date & Time**

SETPOINT

Insert the values setpoint by clicking on the corresponding badges.

T set point 37.0°C

CO2 set point 1.0%

O2 set point 6.0%

ALARMS

To set an alarm select the value of Deviation (tolerance) from the set point and the time for which the value must be out of tolerance to send out an alarm.

Settings **Alarm** **Temperature** **Gas** **Humidity**

OVERVIEW PAGE

System Overview

Overview

Flow 0.40l/min

CO2 5.1%

O2 14.8%

41.6°C 23m3/h

42.6°C 23m3/h

37.0°C

5.0% CO2

15.0% O2

T-Sensor 36.9°C

86%

10:28

*The figure shows the system with CO2-H-IN-CHAMBER-SENSOR mounted.