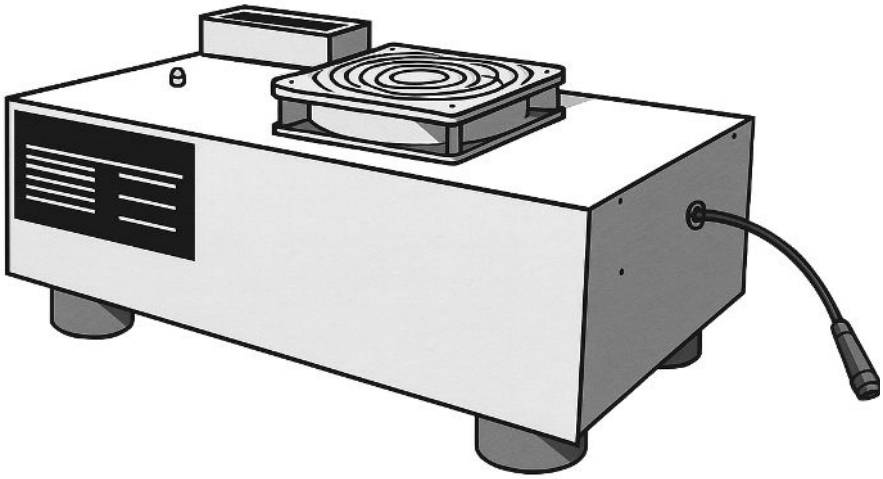
F HR6 HUMIDIFIER



User Manual and Start-Up Instructions
For your new F HR6 electronic humidifier

Introduction

The **F HR6** is a high-precision electronic humidifier, designed to automatically maintain the optimal humidity l vel inside the humidor.
Its **filter** system naturally generates humidity: a fan draws air through a moistened fil er, allowing water to evaporate gradually and distribute evenly throughout the interior. The unit shuts off when the arget humidity is reached and reacti ates if it drops by more than 6%.
It operates with distilled ater to avoid impurities and xtend its lifespan.

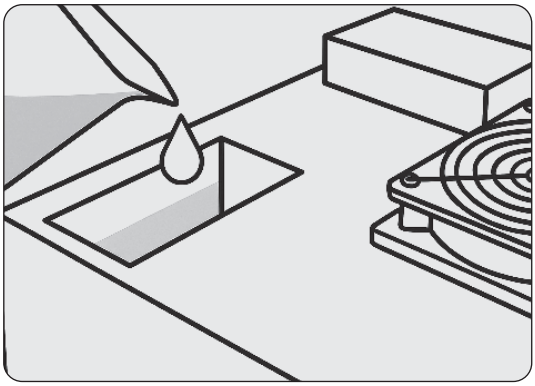
Caution

Although the F HR6 is safe, it combines electricity and water.
Always follow the instructions to prevent damage or accidents

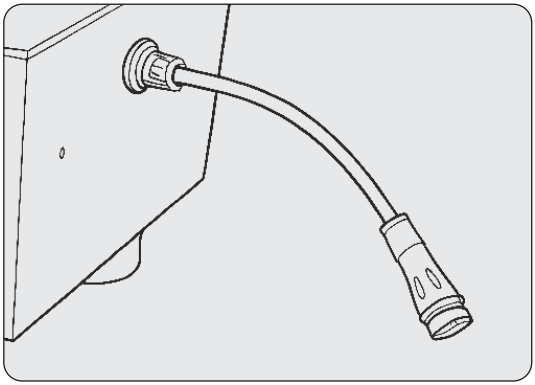
Installation and Start-Up:

Before using your F HR6, make sure to follow these steps:

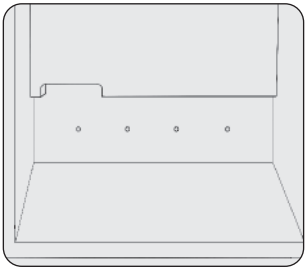
Filling the water tank
Remove the left cap and fill wit distilled water up to the **white mark**.
Avoid getting the fan we



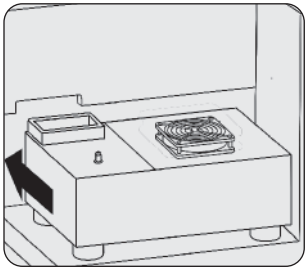
Power connection
Connect the power cable and screw it in until it is fully secured.



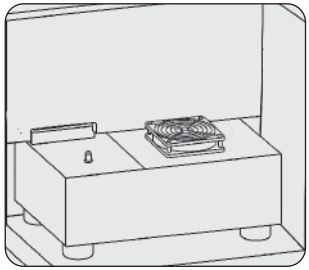
Placement inside the humidor



At the back of the humidor interior is a double rear wall, as shown in the illustration above. This structure is designed to promote the circulation of humidified air



Place the F HR6 as far back as possible, fitting it se ely into the designated slot for its humidity outlet. It is important that it is properly aligned for optimal performance.



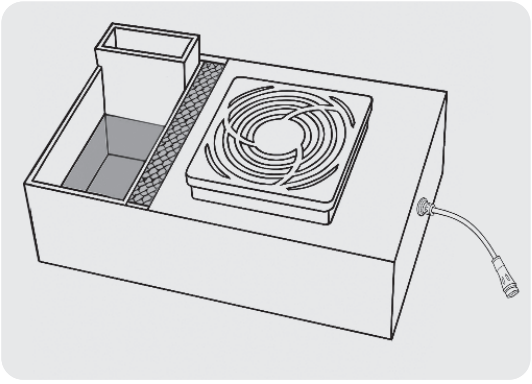
Thanks to the double wall, the humidity rises through the rear, flows across the top, and gently descends—ensuring even distribution throughout the humidor.

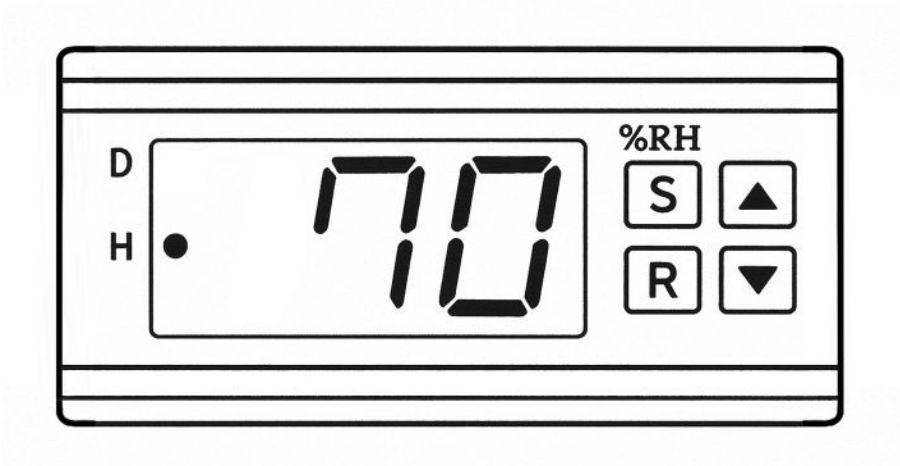
Start-Up: Important Information

1. When you plug in the F HR6, the hygrometer (panel that indicates and manages humidity) light will turn on. It will go off once the target humidity is reached. If the red LED light on the exterior turns on, the tank needs to be refilled with distilled water.
2. The hygrometer is factory-set to maintain 70% humidity. Do not change these settings to avoid malfunction.
3. During the first days, water consumption may be higher while the system stabilizes. This is normal.

The filter

Naturally generates humidity by absorbing distilled ater and allowing air to pass through it, enabling gradual and silent evaporation. o maintain its efficien , it should be cleaned if sediment builds up and replaced when signs of wear, discoloration, or reduced performance appear.





Humidity Controller

The F HR6 includes a digital hygrometer that automatically controls humidity inside the humidor. This small panel measures humidity levels and activates or stops the humidifier as needed.

1. What humidity setting should I use?

The controller is pre-set to 72%, ideal for environments with temperatures up to 20 °C.

If the room temperature is higher, adjust the humidity accordingly:

- Up to **20 °C** → **72%**
- Between **20 °C and 25 °C** → **70%**
- Over **25 °C** → **68%** or slightly lower, depending on conditions

The F HR6 activates when humidity drops more than 6% below the target and stops once the target is reached again.

In stable environments, these se ngs do not need to be changed.

2. Panel operation

The controller has a digital display and four buttons

- **S** – Access the settings men
- **▲ / ▼** – Navigate and adjust values.
- **R** – Confirm and save changes

Normally, you don’t need to adjust anything.

3. How to adjust the humidity level

1. Briefly press **S** (less than 2 seconds).
2. The current value will blink (e.g., 72%).
3. Use ▲ / ▼ to change it.
4. The new value will save automatically

4. Accessing the full menu

1. Hold **S** for 3 seconds.
2. The screen will show **HC** (control mode).
3. Use ▲ / ▼ to scroll through:
   HC, CP, PU, CA, HP.
4. Press **S** to edit a parameter.
5. Adjust with ▲ / ▼ and press R to save and exit.

5. Key parameters

- **HC** → Control mode:
  "C" = humidification (use this setting).
  "**H**" = dehumidification (do not use).
- **CP** → – Activation margin (default: 6%).
  Defines how much humidity must drop before the F HR6 reactivates.

Other parameters **(PU, CA, HP)** should not be changed unless instructed.

6. Important precautions

- Do not press **R** for more than 3 seconds outside the menu: this will reset the settings to factory defaults (not valid for F HR6).
- You can lock the panel to avoid accidental changes: Hold ▼ for 3 seconds → "OFF" appears = locked.
  Repeat to unlock → "ON" appears.

Even when locked, you can still adjust the humidity level.

F HR6 Parameter Table

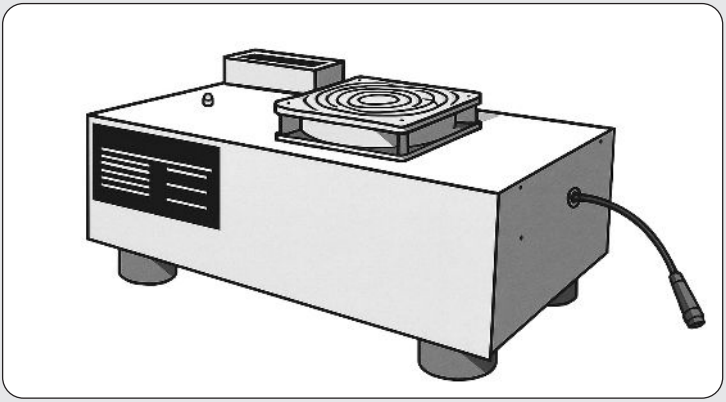
Code	Description	Range	Values	Units
HC	(H) Anti-Humidi ation (C) Humidifi atio	H/C	C	Nº
CP	Humidity Range	1-50	7	% Relati e Humidity
PU	Timer	0-90	0	Minutes
CA	Humidity Correctio	(-20) – 20	0	% Relati e Humidity
HP	Humidity Limit Alarm Deviation Value, 0 to cancel alarm	0-50	0	% Relati e Humidity

Cleaning the Unit

To keep the F HR6 in good condition, clean it every two months. Using distilled water helps reduce limescale buildup, but does not eliminate it completely.

Cleaning steps

1. Disconnect the unit from the power supply.
2. Remove it from the humidor and carefully empty the tank.
3. Clean the fan grille.
4. Use a soft cloth and clean water to clean the tank and the filter.
5. **Important: Do not use chemical products.**
6. For optimal performance, replace the filter if it is damaged or has been in use for a long time.
7. Once cleaned, restart the F HR6 following the initial setup procedure.



F HR6 Humidifier
Weight: 4 kg
Dimensions: 43 × 19 × 24 cm

Troubleshooting

If the F HR6 does not maintain the target humidity

- Wait: the humidity may not have dropped enough (6% below the target) to acti a-te the unit.
- Check that the hygrometer has not reset.
- Make sure the water level is correct.
- Check if the fil er is dirty or damaged.

If the F HR6 does not start

- Check the hygrometer setting
- The power supply may have failed (e.g., power surge).
- If the fan is not working, the issue may be with the power supply.

Cable damage

If the cable is damaged, it must be replaced with an approved one by the manufacturer or an authorized technician.

Warranty

- The F HR6 is covered by a 2-year warranty against manufacturing defects or transport damage.
- The warranty does not cover damage due to mishandling, misuse, or lack of maintenance.
- Check the unit upon delivery; if damaged, note it on the delivery slip (“damaged” or “broken”) and notify us within 24 hours.
- Shipping costs for repairs are the responsibility of the buyer.
- Humidores Wacota reserves the right to make changes without prior notice.

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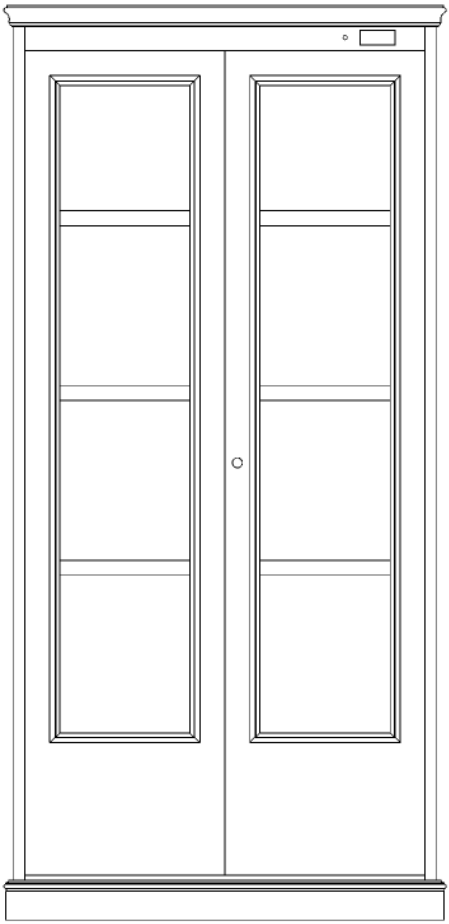

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