



USER MANUAL

MAY 2025

BLDC TECHNOLOGY  
SAVES ELECTRICITY

MIST  
HUMIDIFIER

LOW  
NOISE



**Kühl EXZEL H3**  
BLDC Next-Gen Cooler Fans

# Welcome to Kühl

Dear Customer,

Thank you for choosing Kühl BLDC Fans. Our Next-Gen Cooler Fans offer high speed fast cooling with low noise and our cutting-edge BLDC technology gives you the satisfaction of low electricity bills.

We prioritize customer satisfaction, ensuring each Kühl BLDC fan undergoes rigorous testing across all aspects of its operation, effectiveness, and efficiency. Our comprehensive testing procedures evaluate its performance under diverse working conditions, guaranteeing a product that exceeds expectations.

Kühl Exzel H3 Next-Gen Cooler Fan enhances the experience of a desert cooler with BLDC technology and a low noise function. It comes with strong mist humidifiers that ensure a fine mist without any water droplets, offering a more efficient and clean way to maintain optimal humidity levels. With ample water tank capacity and remote functioning, it elevates your convenience and alleviates any need for constant tank refilling. Reimagine your desert cooler experience with unparalleled performance and comfort with Kühl Exzel H3.

Thank you!

Kühl BLDC Fans

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## INTRODUCTION

Enhance your living space with the Kühl Exzel H3 Next-Gen Cooler Fan. Featuring an advanced BLDC motor and strong mist humidifier, this remote-controlled fan offers impressive energy efficiency and quiet operation. Its modern design adds a touch of sophistication to any home, while the strong mist humidifier technology prevents water droplets. With a spacious water tank, these coolers reduce the need for frequent refills. Enjoy added convenience with features like a digital speed display, ensuring a comfortable and refreshing atmosphere with every use.









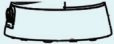



## FEATURES OF YOUR KÜHL EXZEL H3 NEXT-GEN COOLER FAN

- **BLDC Technology for energy saving:** Kühl BLDC Fans offer better speed versus torque characteristics. It ensures high dynamic response and efficiency. Thanks to its lack of electrical and friction losses, it offers long operating life and ensures one more step towards building a sustainable future.
- **Negative IONS Purifies Air:** Kühl Exzel H3 comes with an innovative technology which purifies the air around you by releasing negative ions, ensuring a cooler, fresher and comfortable environment.
- **Strong Mist Humidifier:** Revel in the refreshing breeze with the Kühl Exzel H3 Next-Gen Cooler Fans mist humidifier technology with no water droplet. This cutting-edge feature ensures a fine mist for optimal humidity without the inconvenience of water droplets.
- **Water Storage:** Kühl Exzel H3 sports a generous storage capacity of 6.0 liters that lasts for up to 8 hours, ensuring uninterrupted cooling performance and allowing you to relax and enjoy the refreshing breeze without the need for frequent attention.
- **Mist Switch and Volume Controller:** Kühl Exzel H3 redefines convenience with its Mist Switch and Volume Controller. This unique feature allows for controlling the level of mist output, ensuring optimal comfort everytime.

- **Highest Air Delivery:** Kühl Exzel H3's 450 MM sweep along with high 850 RPM speed ensures every corner of your room is filled with fresh and cool air everytime you use it.
- **Low Noise:** A low noise operation without compromising the speed limit is one of the most desired features of Kühl BLDC Fans. They operate at low speeds while providing high airflow with low turbulence and minimal wind noise.
- **Remote Operated:** Kühl Exzel H3 comes with an RF remote, which conveniently adjusts fan speed, sets timers, swing, or sleep mode, as well as works through walls.
- **Oscillation:** The Kühl Exzel H3 features dynamic swiveling capabilities, effortlessly dispersing air to every corner of your space. It's smooth side-to-side motion ensures comprehensive airflow coverage, optimizing comfort throughout the room.

SPECIFICATION	Kühl Exzel H3 Next-Gen Cooler Fans
Power (W)	150
Sweep (MM)	450
Air Delivery (CMM)	110
Speed (RPM)	850

## ITEMS IN THE BOX

1. Mist Nozzle	1 N	
2. Front Grill	1 N	
3. Grill Fastener	1 N	
4. Blade	1 N	
5. Rear Grill	1 N	
6. Motor Unit	1 N	
7. Upper Pedestal Column	1 N	
8. Lower Pedestal Column	1 N	
9. Base Cover	1 N	
10. Water Tank of Humidifier	1 N	
11. Humidifier	1 N	
12. Stability Base	1 N	
13. Mist Volume Control	1 N	
14. Mist Guide Tube	1 N	

## GETTING STARTED

### Before using the mist fan for the first time:

- Carefully unpack the mist fan and remove all the packing materials.
- Place the mist fan on a flat and stable surface.
- Use a soft cloth to remove any dust on the surface that may happen during packing and transport.

## ASSEMBLY INSTRUCTIONS

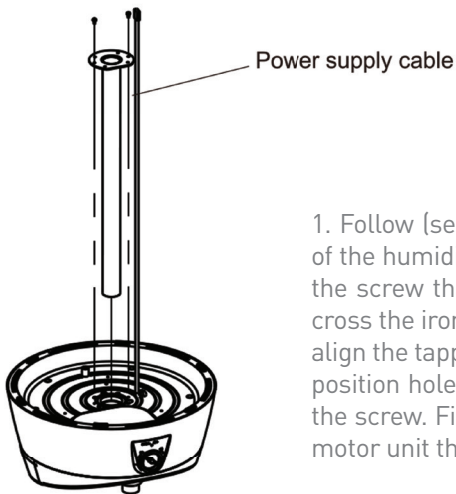
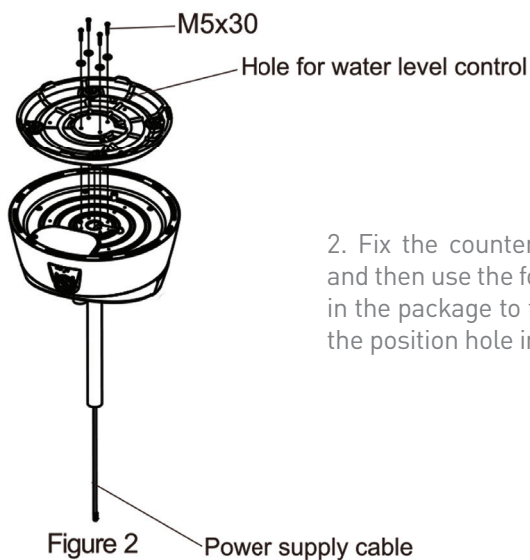
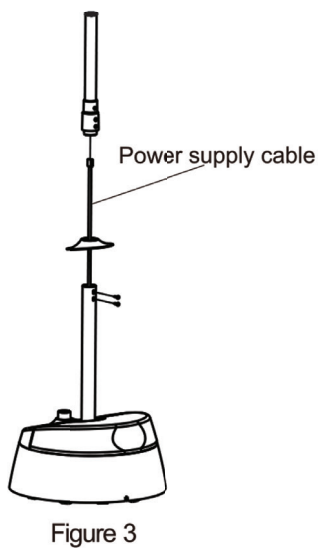


Figure 1

1. Follow (see Figure1) to reverse the base of the humidifier (upside down) and remove the screw that fixes the iron column. Then cross the iron column through the base and align the tapping hole of the column and the position hole in the base, and fix them with the screw. Finally, cross the terminal of the motor unit through the iron column.



2. Fix the counter weight-plate in the base and then use the four meson screws (M5 \*30) in the package to fix the water level hole and the position hole in the base.



3. Put the base upside down on a platform and then cross the cable from the motor unit through the base cover.

Connect the two iron columns (See Figure 3) by aligning the two fixing holes of the upper and lower column, and then tighten them with the screw (4x10) from the package.



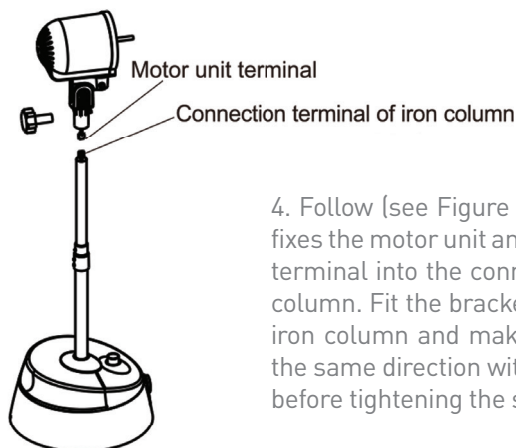


Figure 4

4. Follow (see Figure 4) to loosen the screw that fixes the motor unit and then insert the motor unit terminal into the connection terminal of the iron column. Fit the bracket of the motor unit into the iron column and make sure the motor unit is in the same direction with the mist volume control before tightening the screw.

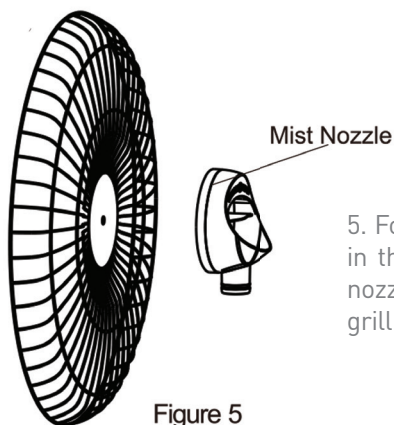
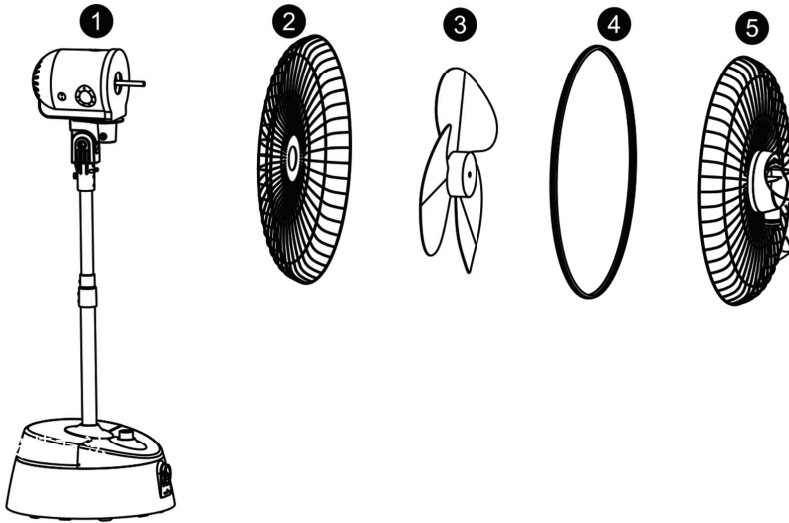


Figure 5

5. Follow (see Figure 5) to install the mist nozzle in the front grill. Make sure the fastener of the nozzle is aligned with the fastener of the front grill before pressing and fixing the two fasteners.

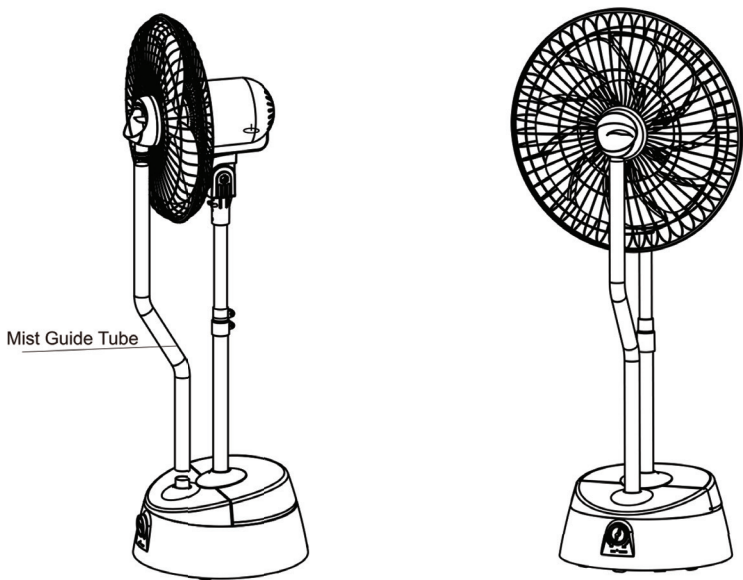
## FAN HEAD ASSEMBLY



Follow the above figure to remove the screw that fixes the rear grill first. Then lift the rear grill to align the fixing hole with the rear grill. Fix them with the previously removed screw and loosen the fan blade fixing screw. Then fit the fan blade on the motor shaft and tighten the blade fixing screw. Put on the grill fastener.

Finally, install the front grill (with mist nozzle fixed in it) and tighten the screw in the grill fastener.

# MIST HOSE ASSEMBLY



Connect the longer end of the tube to the mist outlet in the base and the other end to the mist nozzle.

## FILLING THE WATER TANK

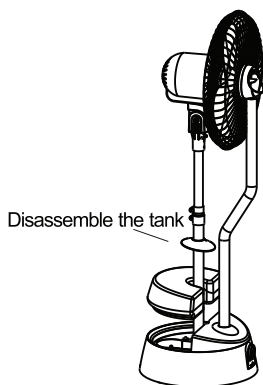


Figure 1

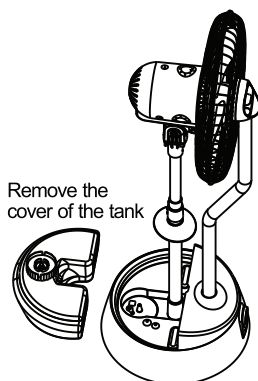


Figure 2

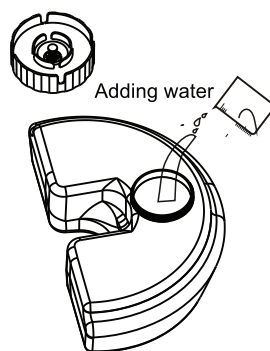


Figure 3

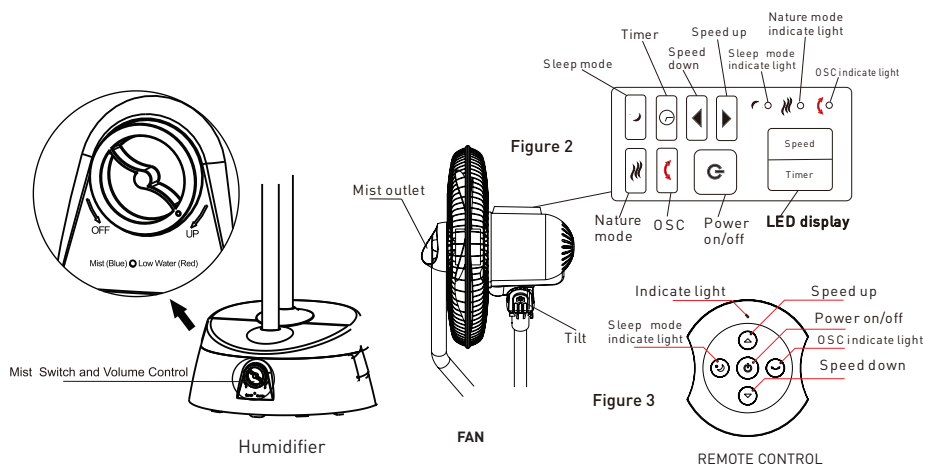
IMAGE 3

- See (Figure1) Turn the tank lock (Figure1) to the on-lock position (Figure1), take off the water tank (Figure2) from the fan body, and unscrew the lid (Figure3) of the water tank.
- Fill the tank with cold and clean water, making sure not to overfill it.
- Put the water tank back, on the back of the fan body, ensuring it is appropriately seated in the recess.
- Turn the tank lock (Figure3) to the off-lock position (Figure1) to secure the tank.

## ATTENTION!

- Ensure the product is unplugged from the mains before filling or refilling the water tank.
- Only use water in the water tank. Do not add any chemicals, oils, or other additives.
- The water must not be warmer than 50°C.

## KNOW YOUR FAN OPERATION



Plug the power cord to connect the power supply, and then press the according button as needed:

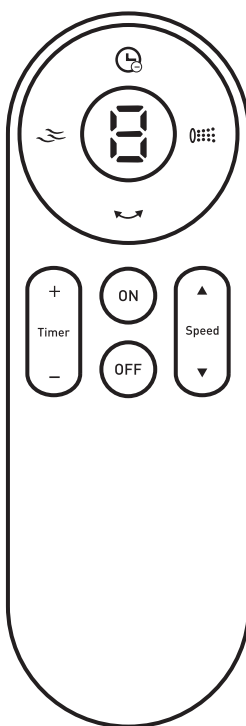
1. Fan control panel (as shown in Figure 2), Remote control (as shown in Figure 3).
2. Oscillation: Press the "SWING" button to start the oscillation function. press the "SWING" button again to stop the oscillation function.
3. Tilt function: The fan head can be tilted by adjusting the fan guard up and down with hands.
4. Humidifier mist volume switch and adjustment: The mist volume can be adjusted by switching the mist knob from left to right (off-big), red light means water shortage, blue light means normal work.
5. Timer: Press the "Timer" button when the fan is on, the display will then show the time remaining until the fan is due to switch off. You can select between 1 and 9 hours.
6. Fan speed setting: Set the wind level by pressing the "SPEED UP" or "SPEED DOWN" button.

The LED indicator shows the wind speed 1-6 level.

## KNOW YOUR REMOTE CONTROL DEVICE

The below functions can be controlled using the remote control by pressing the corresponding function buttons.

To use the remote control, insert two AAA 1.5V batteries in the battery housing in the remote.



## 1: MIST BUTTON

- Press the “Mist” button to switch the strong mist on or off. Adjust the mist volume (Max-Medium-Minimum) by pressing the “Mist” button several times.
- When the mist function is selected, the corresponding mist volume indicator light will be illuminated.
- If the water tank is empty (or short of water), the 3 mist indicator lights will flash continuously at the same time.
- The mist function and fan function can be worked independently or together.

## 2: TIMER BUTTON

- Press the “Timer” button when the fan is on. The indicator will show the time remaining until the fan is due to switch off.
- You can select the length of time the fan will be in operation from spans ranging from 0.5 to 7.5 hours in 0.5-hour increments.
- Press the TIMER button repeatedly, and the sum of the values of the lights is the remaining time until shuts down.



## 3: WIND SPEED BUTTON

- Press the Power “ON/OFF” button to switch the fan ON.
- Set the fan speed from 9 options {1,2,3}, Low speed-{4,5,6}, Medium speed-{7,8,9}, & High speed by pressing the “WIND SPEED” button several times. The LED light will show low speed, medium speed, and high speed correspondingly.

## 4: MODE BUTTON

- The wind mode can be adjusted by pressing the “MODE” button.
- **Normal:** The fan will operate in High, Medium, or Low mode as set.
- **Natural:** The fan will operate at low, medium, and high speeds in different patterns to provide a wind flow that replicates natural airflow.
- **Sleep:** Sleep mode can operate at low, medium and high speeds. In sleep mode, the wind speed will decrease in set patterns before operating at a low speed until shut down.

## 5: ON/OFF BUTTON

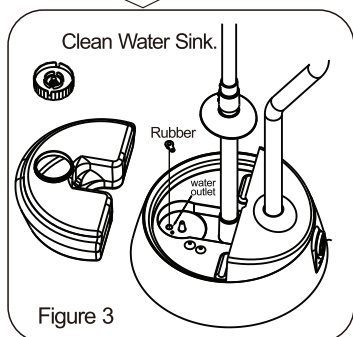
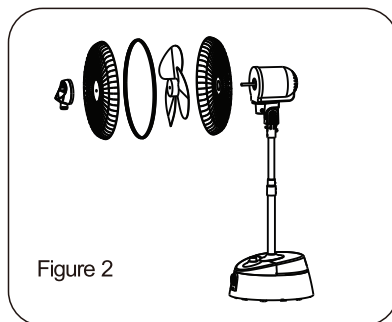
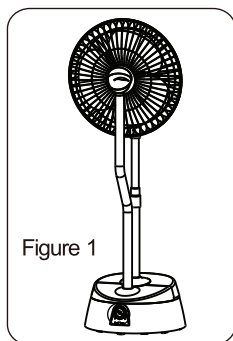
- Press the “ON/OFF” button to switch the fan on or off.
- Every 72 hours, the control panel lights flash to indicate that the water tank needs to be cleaned. Press the “ON/OFF” button 5 seconds to reset.

## 6: OSCILLATING BUTTON

When you press the “OSC” button, the mist fan head will move continuously from side to side. Pressing the button again will stop the oscillation of the mist fan.



## CLEANING AND MAINTENANCE



- \* In case the product will not be used for a long period, please follow the steps below:
- \* Unplug the fan from power socket first to ensure it is disconnected from power supply;
- \* Then release the rubber plug to empty the water in the pedestal of humidifier (See Figure 3);
- \* Clean the pedestal of the humidifier;
- \* Empty the water in the tank and then clean the tank;

- \* Disassemble the fan as demonstrated in Figure 2;
- \* Clean the grease on the surface to avoid discoloring or rusting;
- \* Clean the surface detergent and then wipe it with a soft and clean cloth;
- \* DO NOT rinse it with water;
- \* DO NOT wipe the surface with diluents, toluene, acidic cleaner, kerosene, ethanol or other chemicals, as this can cause discolor or rust;
- \* After all parts are cleaned, put them to the original package.
- \* Please store the product in a dry environment.
- \* IMPORTANT: Disconnect the power supply before disassembling the product.

## TROUBLESHOOTING

Fault	Causes	Solution
Indicator not working; no wind or mist	1.Power plug isn't properly connected 2.Power switch isn't on	1.Connect the power plug 2.Turn on the power switch
Indicator is on and the wind blows, but there is no mist	1.Water tank is empty 2.The floater is sunk	1.Refill the watertank 2.Clean the floater
Mist smells badly	1.The appliance is very new 2.The water in the tank is not clean	1.Open the tank and put it in a cool place for 12 hours 2.Clean the tank and refill it with clean water
Indicator is on, but there is no wind or mist	1.Water level is too high in the watersink	1.Tighten the cover of watertank 2.Remove some water from the watersink
Mist is very weak	1.Water scale on the humidifier	1.Clean the humidifier 2.Use clean water

## SAFETY PRECAUTIONS

When using electrical appliances, basic safety precautions should always be followed, including the following:

### INSTRUCTIONS:

Read all instructions carefully, even if you are familiar with the appliance.

- To protect against the risk of electric shock, DO NOT IMMERSE power cord or plug in water or any other liquid.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory and mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.

- Always unplug the unit when not in use.
- Do not operate the unit with a damaged power cord or plug, or after a malfunction, has been dropped or is damaged in any manner. Return the unit to an authorized service facility for examination.
- Do not run the power cord under carpeting or cover the power cord with throw rugs, runners or the like. Arrange the power cord away from traffic areas and where it will not be tripped over.
- Do not place the power cord over any part of the unit.
- To disconnect the unit set main switch to OFF then remove the plug from the outlet.
- This unit has hot electrical parts inside. DO NOT use it in areas where gasoline, paint or flammable liquids are used or stored.
- Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock, fire or could damage the unit.
- Use the unit only as described in this booklet. Any other use not recommended by the manufacturer may cause fire, electric shock or injury to persons.
- Always uncoil the power cord before applying power.
- This product must always be used AND STORED in the upright position.
- Do not use this unit with a programmer, timer or any other device that switches the unit on automatically, since a fire risk exists if the unit is covered or positioned incorrectly.
- If it is necessary to move the unit after the water has been added, move gently to the required position.
- Do not move the machine when it is in use.
- Always ensure that there is water in the tank when in use for cooling.
- Do not block air circulation.
- Do not use hot water.
- Place the machine on a level surface.

- Unplug the appliance during filling and cleaning.
- Do not cover the misting fan while in use.
- Do not let the cord hang over the edge of the table or counter.
- Do not unplug the misting fan by pulling on the cord.
- Do not leave the appliance operating while unattended.
- Never put fingers or any other objects through the grilles (fan guards) while the fan is running.
- Long hair can be caught in the fan owing to the air turbulence. Hair, jewelry, and loose clothing must be kept away from the fan.
- Do not add any liquid into it such as essential oils, fragrances, or vaporizing fluid. Only add clean water.

## **WARNING:**

- If the supply power cord is damaged it must be replaced by authorized persons to avoid hazards.
- Do not use with an extension cord. A short power-supply cord is provided to reduce the risks resulting from being entangled in or tripping over a long cord.



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