

WISPI

Setup Guide

**Ultrasonic Cool Mist Humidifier,
Diffuser and Night Light**





“**No** more coughing.
No more congestion.”

Thank you for purchasing WISPI! More than a children’s humidifier, WISPI is also a diffuser and night light that will make sleepless nights due to dry air a thing of the past.

Each LittleHippo purchase comes with a 100% Satisfaction Guarantee and one year warranty.

Contact support@littlehippo.com or **650-395-7884** for support, warranty claims and inquiries.

Now, let’s get started.



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SAFETY INSTRUCTIONS

Before using WISPI, please carefully read these instructions and save them for future reference.

Failure to follow all of the instructions may result in serious personal injury.

- DO NOT use outdoors. Only use as intended and as described in this manual.
- DO NOT use if the cord has been damaged. Inspect the cord before first use for any signs of damage.
- Keep WISPI away from heated surfaces and out of reach of young children, elderly or disabled persons.
- ALWAYS keep WISPI on an elevated, firm, flat, level surface where it will not be easily knocked over.
- DO NOT place WISPI directly on the floor, near electronics, or next to heat or under direct sunlight.
- DO NOT place WISPI on wood furniture or other areas where it could be damaged by water.
- NEVER use in an environment where explosive gases are present.
- NEVER use WISPI if it is malfunctioning after a drop or damage.
- To unplug, press the POWER button and then remove the plug from the outlet. Use dry hands to avoid electric shock.
- ALWAYS unplug and EMPTY the Water Tank when WISPI is not in use for a long time.
- ALWAYS turn off or unplug before removing, filling or emptying the Water Tank.
- DO NOT wash, adjust or move WISPI without first unplugging it.
- DO NOT cover any openings or insert objects into any of WISPI's openings.
- DO NOT block any intake or output vents.
- DO NOT operate WISPI without any water in the Water Tank.
- DO NOT close the room when using WISPI. Leave the door partly open to prevent condensation build up.
- DO NOT use hot water inside the Water Tank. Use clean, cool tap water. We recommend using filtered or distilled water to avoid

white dust. You may also use the optional Demineralization Filter and purchase replacement filters at www.littlehippo.com.

- ONLY use water and DO NOT add additives such as essential oils into the Water Tank or Base. For aromatherapy, use the Aromatherapy Tray.
- DO NOT attempt to repair or adjust the unit. Doing so will void your warranty. Contact Customer Support for any issues with WISPI.
- Discontinue use if WISPI makes loud noises or has a strange smell.
- Tighten the Water Tank Cap firmly on the Water Tank and keep the Lid on while in use.
- DO NOT directly mist against a wall or other home appliance.
- DO NOT rinse the Base under the faucet.
- DO NOT immerse the Base in water.
- DO NOT attempt to empty or fill WISPI while it is in operation. ALWAYS unplug WISPI first.
- ALWAYS follow proper weekly cleaning and maintenance procedures as outlined in this manual.

■ TECHNICAL SPECIFICATIONS

Model Number : DS20U-19B

Rating Voltage : 24V

Rated Power : 22W

Water Tank Capacity : 1.6L

Run Time : 12 hrs on high, 15 hrs on low

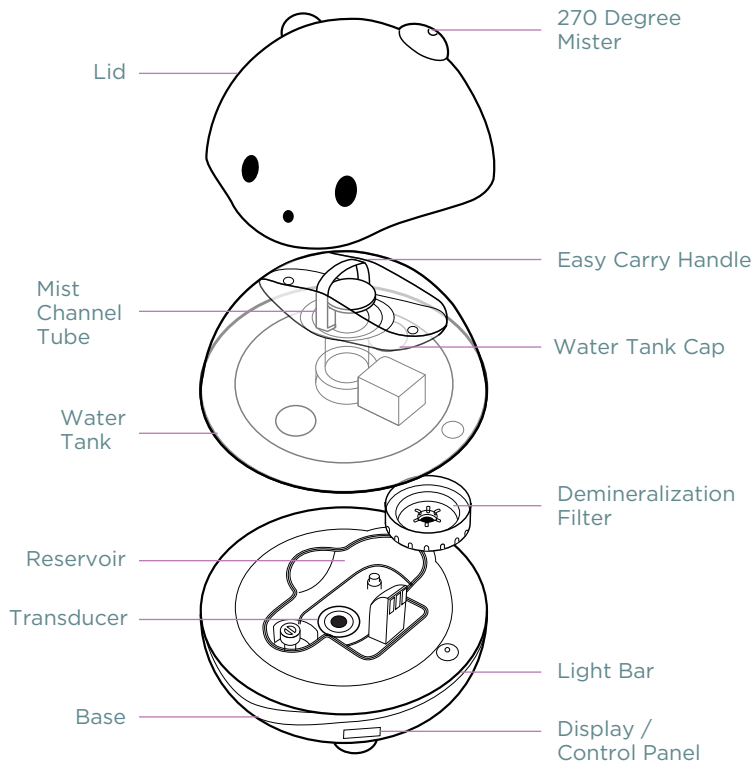
Noise : <40dB

Dimensions : L220 x W220 x H185 mm

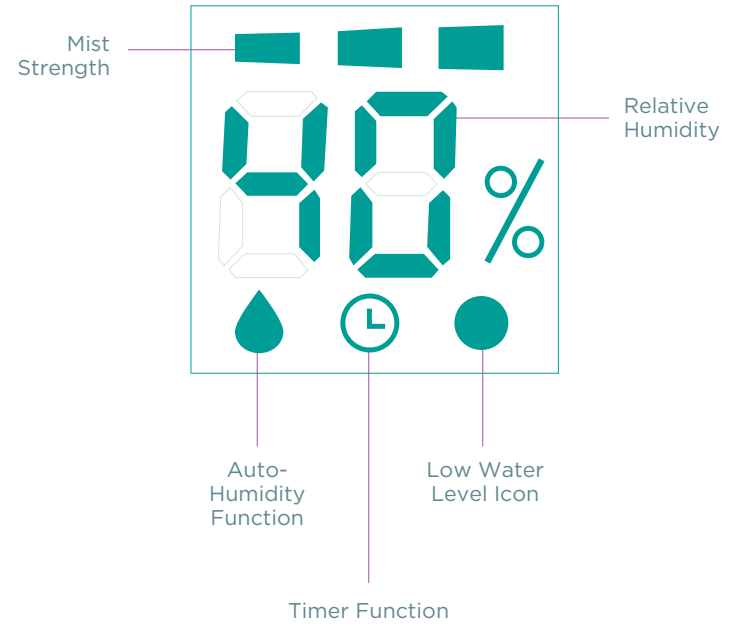
Weight : 1.1 kg

Certificate : ETL / FCC / PROP 65

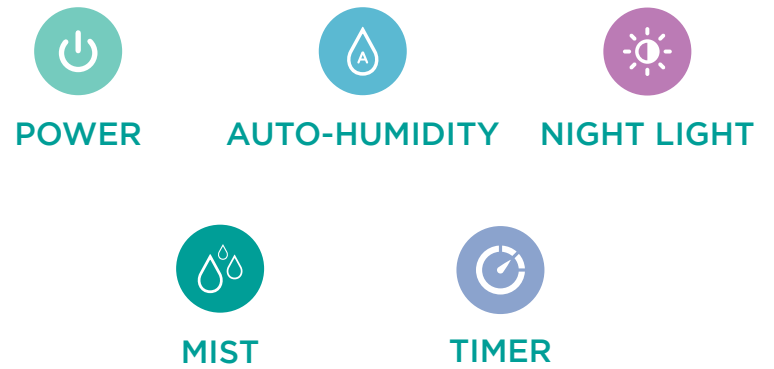
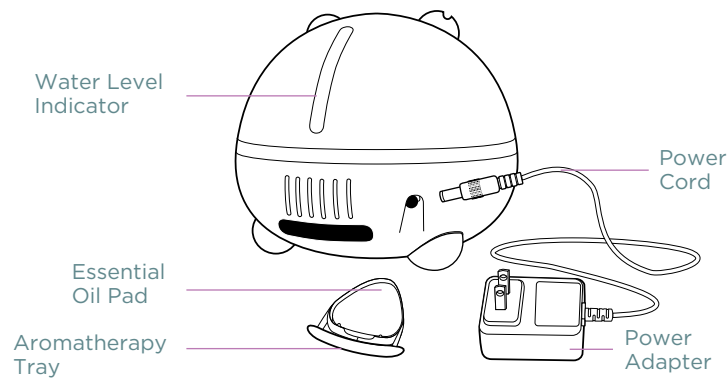
MEET WISPI



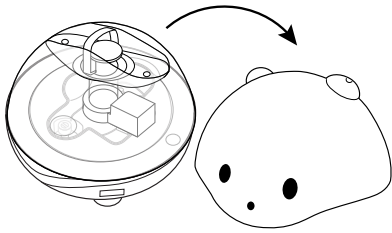
■ DISPLAY



■ CONTROL PANEL

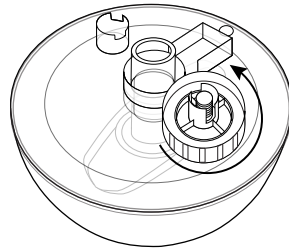


SETTING UP WISPI



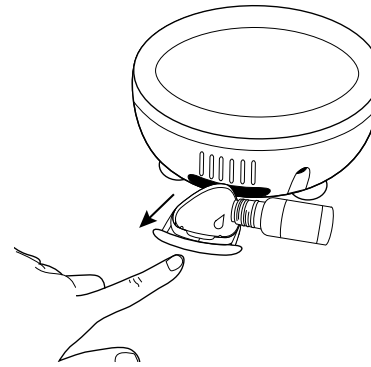
1

Remove Lid and Water Tank from Base.



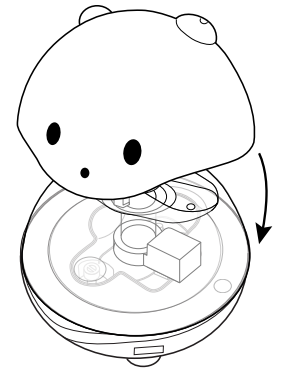
2

Turn Water Tank upside down and unscrew Water Tank Cap in a counter-clockwise direction.



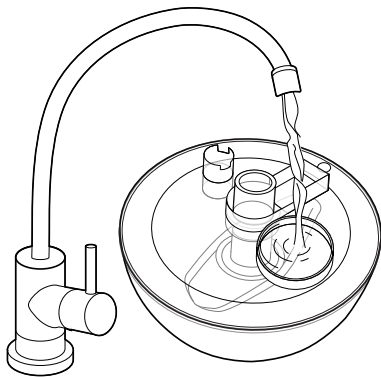
5

(Optional) Eject Aromatherapy Tray by pushing the tray so it ejects. Place 5-10 drops of essential oil onto the pad, facing up. Slide Aromatherapy Tray back into WISPI fully.



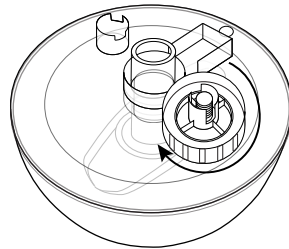
6

Place Water Tank back on Base, ensuring that it is firmly seated, followed by Lid.



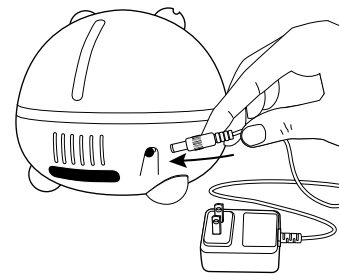
3

Fill Water Tank with cool (not cold) water. Use filtered or distilled water for optimal performance. If using hard tap water, keep Demineralization Filter in Base to reduce mineral content.



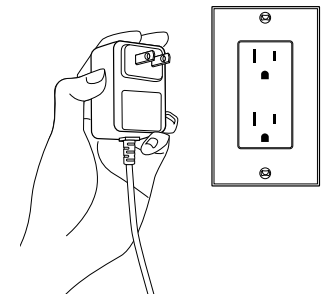
4

Screw Water Tank Cap back on the Water Tank in a clock-wise direction.



7

Plug Power Cord into Base.



8

Plug Power Cord into power outlet. When WISPI is first plugged into an outlet, it will beep and flash white one time.

OPERATING WISPI



POWER

1. Press the POWER button to turn WISPI on.
2. To turn WISPI off at any time, press the POWER button.
3. When the Water Tank is almost empty, WISPI's Light Bar will flash red for one minute, indicating that it is time to refill the tank. When WISPI's tank is empty, WISPI will shut off automatically and the Low Water Level Icon will flash on the display.



MIST

WISPI has three misting levels: high, medium and low.

1. When WISPI is first powered on, WISPI mists at the highest level.
2. Press the MIST button to choose your desired misting level. The misting level is shown on the display.



AUTO-HUMIDITY

WISPI displays the room's humidity. When first plugged in, allow 5 minutes for WISPI to properly calibrate.

WISPI's auto-humidity function allows the user to set a desired humidity level. Once the room reaches this level, WISPI will automatically shut off until the humidity level falls $\geq 3\%$ below the desired level.

Turn On / Off Auto-Humidity

1. To turn on the auto-humidity function, press the AUTO button. The default auto-humidity level is 45%.
2. To turn off the auto-humidity function, press the AUTO button again or press the MIST button to turn on manual misting control.

Adjust Auto-Humidity Setting

1. Press the AUTO button to turn on auto-humidity function.
2. Hold the AUTO button for 3 seconds until the humidity display flashes.
3. Press the AUTO button to adjust the desired level. (30% to 70% in increments of 5%; Default: 45%).

4. Wait 5 seconds to set and exit. Upon exiting, the AUTO function will be ON. Fig. 5.

Note: Under dry conditions, the ideal room humidity is 45%. Therefore, WISPI defaults to a 45% auto-humidity level each time the function is turned on.

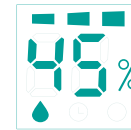


Fig 5.. Auto-Humidity On



TIMER

WISPI has 6 timer options: 1 hour, 2 hour, 4 hour, 8 hour, 12 hour, and ON (continuous until empty).

1. When WISPI is first powered on, WISPI will not run on a timer. Instead, it will continue to run until the tank is empty.
2. Press the TIMER button to choose your desired run duration. Figs. 6 and 7.
3. The timer setting will save after 5 seconds of inactivity. When WISPI is running on a timer, the timer icon will display.



Fig 6.. 4 Hour Timer



Fig 7. Continuous Run Time



NIGHT LIGHT

WISPI's Light Bar has 7 color options and a color changing setting. The night light function can be used independently of the humidifier.

1. To turn on the night light, press the LIGHT button.
2. The color changing option will appear first. Continue to press the LIGHT button to choose your desired night light color or to turn off the night light.

Low Water Level Indicator

When the Water Tank is almost empty, WISPI's Light Bar will flash red for one minute, indicating that it is time to refill the tank. If the night light is on, the Light Bar will resume its set night light color after one minute.

USING ESSENTIAL OILS WITH WISPI

WISPI can be used as a diffuser via the Aromatherapy Tray. WISPI comes with 3 essential oil pads (1 pre-installed). Additional replacement pads may be purchased at: www.littlehippo.com.

1. WISPI's Aromatherapy Tray is located on the backside at the bottom of WISPI's Base. Eject WISPI's Aromatherapy Tray by pushing the tray inward until it pops out.
2. Place 5-10 drops of essential oil onto the pad, facing up.
3. Slide the Aromatherapy Tray back into WISPI fully.

NEVER drop essential oils directly into WISPI's Water Tank. WISPI's diffuser works by blowing air across the essential oil pad. Start with 5-10 drops of essential oil. If you prefer a stronger scent, add 10-15 drops of essential oil to the pad.

FOR BEST RESULTS

Replace your essential oil pads as necessary, including:

- If you are switching scents;
- If there is a strange odor or discoloration;
- If the oil pad has been used for more than 2 weeks; and
- If your essential oil pad has not been used for an extended period of time.

GENERAL TIPS FOR AROMATIC USE

- When trying out a new essential oil, test a small amount of the oil in WISPI for at least one hour to ensure that there is no irritation.
- Always start small with fewer drops of essential oil and add more as needed.
- Always supervise young children when using essential oils and introduce essential oils in a well ventilated area.
- Many humidifiers are not designed to be used with essential oils and dropping essential oils into the water tank directly may shorten the life of your humidifier.
- Always monitor for signs of an adverse reaction, including coughing, sneezing, watery eyes, headache and difficulty breathing. If you notice any signs, discontinue use immediately and ventilate the area.
- Ensure all essential oil bottles are properly sealed with their lids before after use. Store essential oils in a cool, dry place, out of direct sunlight and away from heat, out of reach of children.
- First consult with your healthcare professional if you are considering using essential oils around your children or babies.

CARING FOR WISPI

WISPI needs to be cleaned and disinfected regularly to maintain optimal performance.

Leaving still water in the tank or base while WISPI is not being used may cause mineral deposits and bacteria to build up.

Perform maintenance in a kitchen or bathroom near a faucet on a water resistant surface.

DAILY

1. Turn off, unplug from the outlet and empty the water from the Water Tank and Base. Drain the Base by pouring the water out in the direction of the arrow marked "Drain this way".
2. Keep the cap off the Water Tank and allow the Water Tank and Base to air dry until the next use.
3. Spot clean the outside of WISPI with a soft, damp cloth if necessary. If water builds up on the outside, lower the humidity and dry with a clean cloth.

WEEKLY & END OF SEASON

1. Turn off, unplug from the outlet and empty the water from the Water Tank and Base. Drain the Base by pouring the water out in the direction of the arrow marked "Drain this way".
2. Fill the Water Tank halfway with warm water. Add 2 tablespoons of white vinegar. Shake the Water Tank and allow it to sit for 20 minutes. Empty the Water Tank and rinse with plain water until the smell of vinegar is gone.
3. Remove the Demineralization Filter, if any, from the Base. Repeat Step 2 with the Base, using 1 tablespoon of white vinegar. Never submerge the Base in water.
4. Keep the cap off the Water Tank and allow the Water Tank and Base to air dry until the next use.
5. At the end of the season, remove and throw away the Demineralization Filter. Do not store WISPI with a used Filter.

TROUBLESHOOTING

Problem	Problem Solution
WISPI will not power on and/or is not misting even though it is powered on	<p>Adapter/Cable - Check that WISPI is plugged in on both ends; try another outlet</p> <p>Water Tank Install - Make sure that tank is properly attached</p> <p>Humidistat Setting - If WISPI's auto-humidity function is being used and room humidity matches or exceeds the humidity setting, WISPI will not mist until the relative humidity drops 3% or more below the humidity setting</p> <p>Low/No Water - Unplug and refill tank</p>
WISPI is leaking	<p>If from Lid or Tank: Mist at lower level and check for possible cracks</p> <p>If from Base: Unscrew cap and re-screw by turning clockwise; otherwise, contact LittleHippo Customer Support</p>
There is a bad smell	Cleaning - Clean tank and base according to page 16 and use clean fresh water
Low water level indicator light keeps flashing red	<p>Secure Cap - Secure the cap properly to ensure water can pass through from tank to base; shake tank lightly to ensure a good fit with base for proper flow</p> <p>Low/No Water - Unplug and refill tank</p>
White dust forms and settles on surfaces	<p>Hard Water - Tap water may have too many minerals. Use distilled or filtered water instead, or use with WISPI's Demineralization Filter (available at www.littlehippo.com)</p> <p>Demineralization Filter - Replace demineralization cartridge after 250-300 hours of use</p>
Water is not draining into the reservoir	Spring Valve Stuck - Check spring valve located on Water Tank Cap to make sure it is properly in place and is not stuck
Tank and base feel slimy or dirty	Cleaning - Clean tank and base according to page 16 and use fresh water
Humidity remains low	<p>Cleaning - Clean the Transducer with a soft cloth</p> <p>Water Too Cold - Replace the water in tank with cool water</p>
Loud noise	Uneven Surface - Make sure WISPI is on a flat, hard surface

NEED HELP?

LittleHippo offers a **1 Year Warranty** and 100% Satisfaction Guarantee.

If you are having any trouble with WISPI, need any spare parts, or have any questions or concerns, reach out to us at:

support@littlehippo.com

650-395-7884

www.littlehippo.com

Replacement essential oil pads and demineralization cartridges can be purchased online at **www.littlehippo.com**.