MIST ARCH ASSEMBLY

OZMIST TOTAL CLIMATE SOLUTIONS
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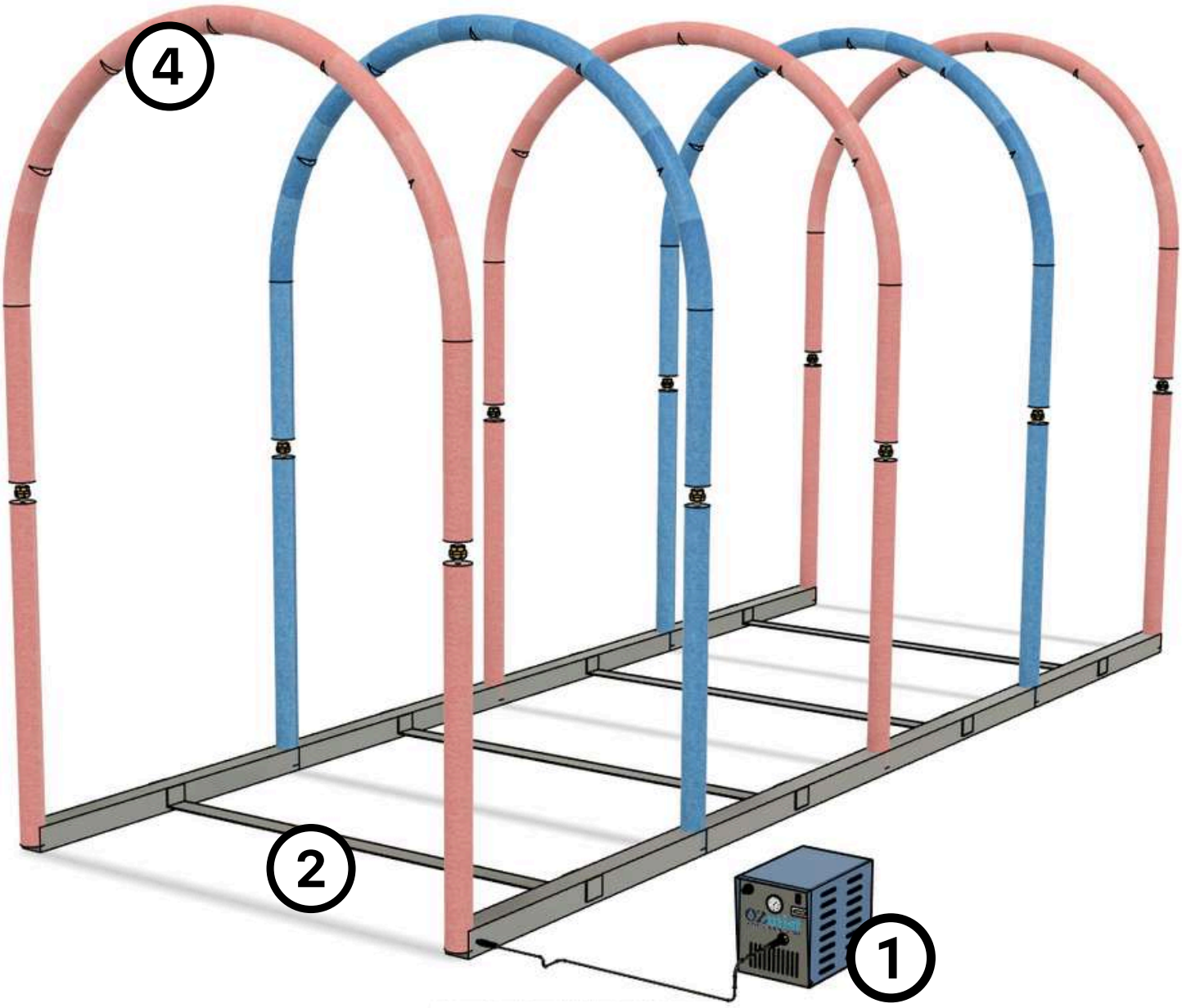
KNOW YOUR MIST ARCHES

MIST ARCH AND REQUIRED COMPONENTS



Components of the Mist Arches

1. High-Pressure Pump & Connection Hoses
2. Lower Support Brackets
3. Hinged Lower Body
4. Upper Arch Body
5. Pump Cover
6. Toolbox

Tools Required for Assembly:

- 2 x Adjustable Wrenches
- 1 x Multi-Grip Plier
- 1 x 3mm Allen Key
- Water Source
- Power Source
- Garden Hose

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Step-by-Step Assembly Instructions:

1. Unpacking the Misting Arch System

- Set the Arches Transit Box down on a flat surface close to the intended installation area.
- Open the case lid and locate the QR code inside, which links to these instructions and OZmist's contact details for further assistance.

2. Identifying Components

Inside the transit box, identify the following components:

- High-Pressure Pump & Connection Hoses
- Lower Support Brackets
- Hinged Lower Body with Fill Port (x1)
- Hinged Lower Body (x1)
- Upper Arch Body (x5)

3. Removing the Pump and Connection Hoses

- Carefully remove the pump and connection hoses from the transit box.
- Place them safely nearby for easy access.

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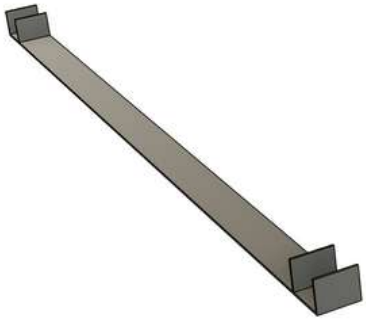
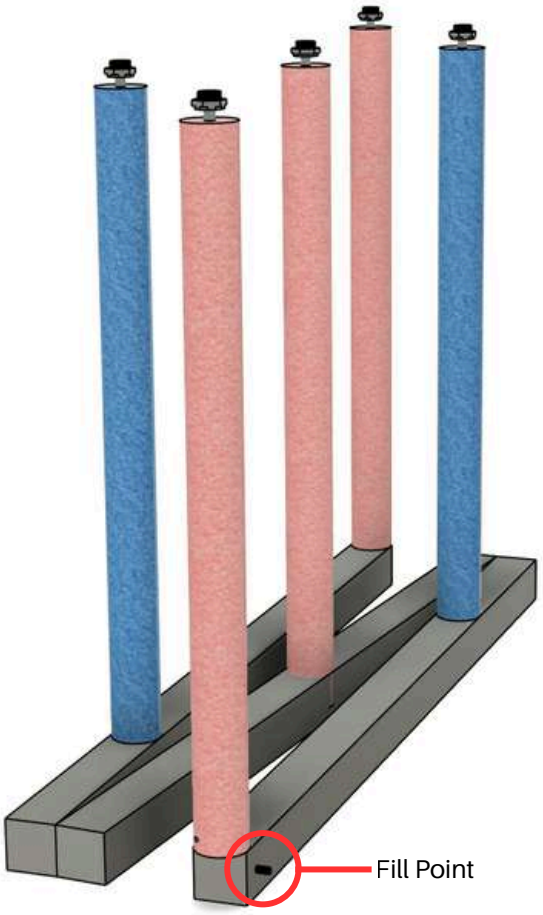
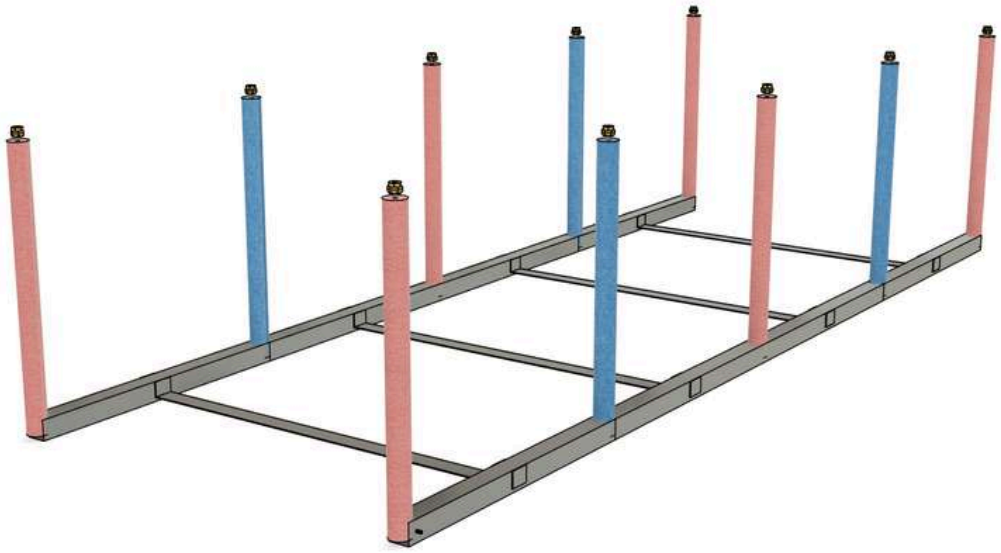
4. Positioning the Lower Support Brackets
   - Space the brackets evenly at the installation site, ensuring the total system length of 6 meters is maintained.



5. Installing the Hinged Lower Bodies
   - Remove the first Hinged Lower Body carefully from the transit box (requires two people for lifting).
   - Verify if this body contains the Fill Port; must face outward.
   - Insert one end into the Lower Support Bracket and carefully unfold it by walk it out.
   - Secure the Hinged Lower Body into th Lower Support Bracket.
   - Repeat the same process for the secor Hinged Lower Body.





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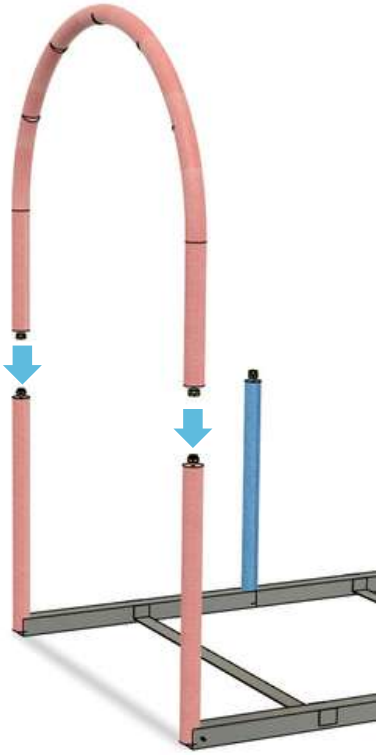

6. Attaching the Upper Arch Bodies
   - Remove each Upper Arch Body from the transit box.
   - Align with the matching color-coded Hinged Lower Bodies.
   - With one person holding the Upper Arch Body, another should align the threaded coupling and hand-tighten it securely.

7. Final Tightening of Couplings
   - Use two adjustable wrenches to tighten all couplings firmly.

8. Bleeding Air from the Arches
   - Locate the small brass bleeder valves* on top of each arch.
   - Loosen the knurled nut on each valve to allow air to escape.
     - If the valves are tight, use multi-grip pliers to loosen them.

*This component is subject to change.

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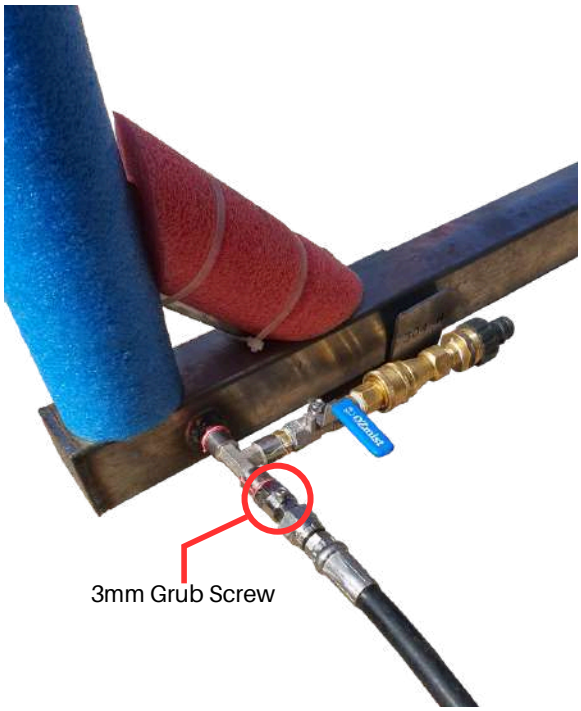
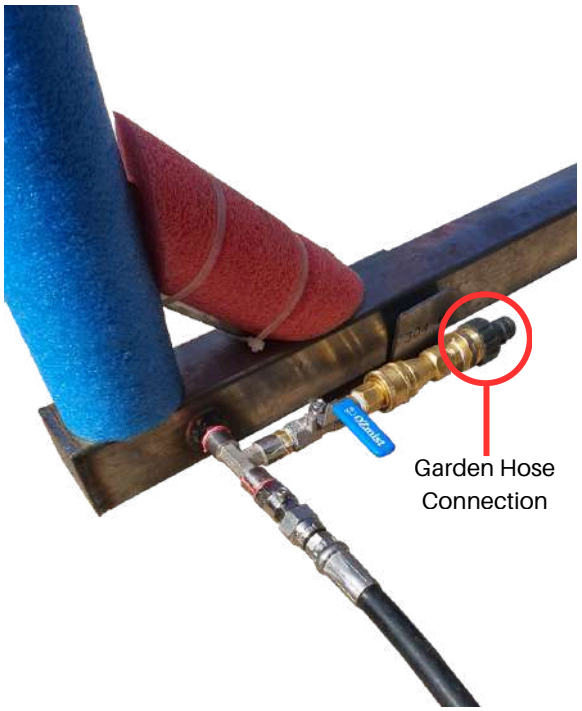
9. Connecting the High-Pressure Hose
   - Attach the high-pressure hose to the Fill Port.
   - Use a 3mm Allen Key to loosen the grub screw on the Fill Port fitting.
   - Insert the hose, ensuring it is securely positioned, then tighten the screw firmly (do not overtighten to avoid damage).



10. Filling the System with Water
    - Connect the garden hose to the Fill Port's Quick Disconnect Fitting.
    - Attach the garden hose to a water source and begin filling the arches.
    - The filling process takes approximately 4 minutes.
    - Once water starts coming out of the brass bleed valves*, the arches are full.

*This component is subject to change.



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11. Closing the Bleeder Valves*
    - Once the arches are full, tighten the brass bleeder valves* by hand.
    - Secure them with a pair of multi-grip pliers, ensuring they are fully closed. (only nipping them up, do not over tighten)

*This component is subject to change.

12. Positioning the High-Pressure Pump
    - Place the pump within reach of the connected high-pressure hose.
    - Ensure the hose is not kinked or stretched tightly.
    - Position the pump on flat ground where the Pump Cover can be installed.

13. Connecting Water and Power Supply
    - Water supply:
        - Ensure pressure is between 20psi and 55psi.
        - Flow rate should be at least 1.4 liters per minute.
    - Power supply:
        - The pump requires a 240V 10A connection.
        - Use the supplied standard 3-pin plug.

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14. System Activation
    - Turn on the pump.
    - Allow a few seconds for residual air to bleed out.
    - Mist should start coming out of all 25 misting nozzles.

SIMMM D13

CPM25

MAKE SURE THAT THE POWER CONNECTION IS FREE OF OBSTRUCTION BEFORE USE

TROUBLESHOOTING

Q/- TURN THE PUMP ON AND NOTHING, THE CASE FAN NOT SPINNING AND NO MIST IS BEING PRODUCED.
A/- OVERLOAD SWITCH SHOULD BE INSPECTED, BEFORE THIS IS COMPLETED THE PUMP NEEDS TO BE TURNED OFF AND DISCONNECTED FROM ALL POWER SOURCES. FOLLOW THE GUIDE ON THE FOLLOWING PAGE TO RESET THE CPM OVERLOAD. (CPM PUMP ONLY)

Q/- THE PUMP IS RUNNING BUT THERE IS ONLY A SMALL AMOUNT OF PRESSURE SHOWING ON THE GAUGE.
A/- THIS MAY BE CAUSED BY A LEAK IN THE HIGH-PRESSURE LINE, CAREFUL INSPECTION MUST BE MADE ACROSS ALL HOSES.
A DAMAGED O-RING, UNSEATED FITTING OR LEAKING HOSE
WILL CAUSE PRESSURE TO STOP BUILDING.

Q/- THE PUMP HAS BEEN WORKING GREAT AND ALL OF A SUDDEN THE PUMP TURNS ON BUT TURNS STRAIGHT BACK OFF.
A/- GENERALLY THIS IS CAUSED BY THE LOW-PRESSURE SENSOR BEING TRIGGERED. TURN THE PUMP OFF AND OPEN THE LID, USING THE SUPPLIED FILTER HOUSING WRENCH CHECK THE CONDITION OF THE 10" FILTER CARTRIDGE. IF IT IS WORN OR DIRTY IT NEEDS TO BE REPLACED. THESE 10-MICRON 10" X 2.5" CARTRIDGES CAN BE PURCHASED FROM OZMIST OR MOST PLUMBING SUPPLY STORES.

Q/- THERE IS WATER COMING OUT OF MY PUMP, WHEN I OPENED IT UP THERE IS A LOT OF WATER COMING FROM THE FILTER HOUSING.
A/- IT IS POSSIBLE THAT THE FILTER HOUSING CAN BE DAMAGED.
THERE ARE TWO MAIN CAUSES FOR THIS.
- FREEZING TEMPERATURES WITH A FILTER HOUSING FULL OF WATER CAN CRACK OR SPLIT. OZMIST RECOMMENDS THAT ALL LINES AND FILTER HOUSINGS BE DRAINED OF ANY WATER AFTER BEING USED FOR THE LAST TIME AND BEFORE BEING STORED FOR WINTER.
- WHEN REPLACING THE FILTER CARTRIDGE IF NOT INSTALLED STRAIGHT THE CARTRIDGE CAN COMPRESS AND CAUSE PRESSURE ON THE HOUSING THAT WILL RESULT IN IT SPLITTING.

Q/- I HAVE HAD MY PUMP FOR A FEW SEASONS AND IT DOESN'T SOUND RIGHT, THERE ARE ALSO DROPS OF WATER COMING FROM THE BLACK PART THAT CONNECTS THE BRASS HEAD TO THE BLUE MOTOR.
A/- THIS IS A TELLTALE SIGN THAT YOUR PUMP REQUIRES A SERVICE AND SEAL REPLACEMENT. THESE SEALS CAN BE SUPPLIED TO YOU WITH AN INSTALL GUIDE, ALTERNATIVELY, THE PUMP CAN BE SENT BACK TO OZMIST FOR RECONDITIONING. (CPM PUMPS ONLY)

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