

CLEAR COMFORT: Quick Guide

Surge Pit Diffuser Installation



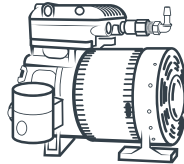
KIT CONTENTS:



Diffuser(s)



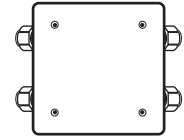
Compressor
Silencer/Filter



Air Compressor



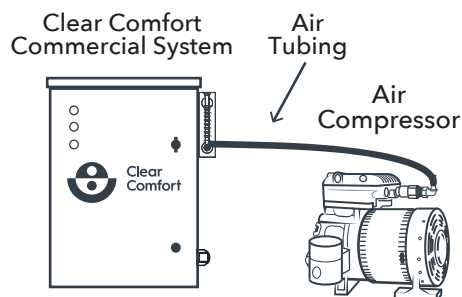
Air Tubing



Junction Box

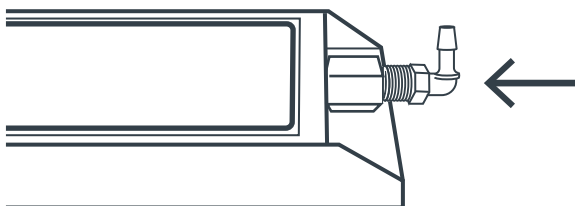
INSTALLATION INSTRUCTIONS:

1. Mount the Clear Comfort system near the surge pit to minimize the length of blue Air Tubing.
2. Mount the Air Compressor near the Clear Comfort system. Connect blue Air Tubing from the Air Compressor's barb fitting to the bottom of the Clear Comfort system's flowmeter (attached to the right side of the system) and secure with hose clamps.
6. Connect Air Tubing to the Diffuser barb fitting(s) and secure with clamp.

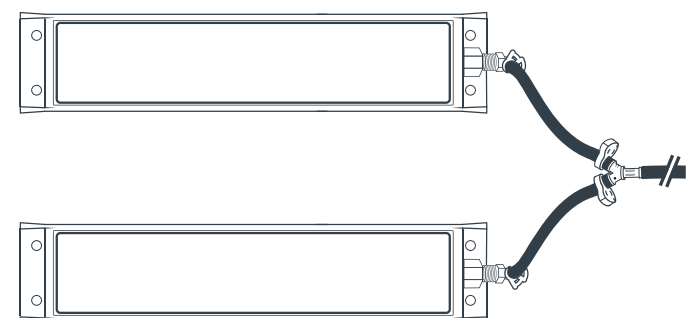
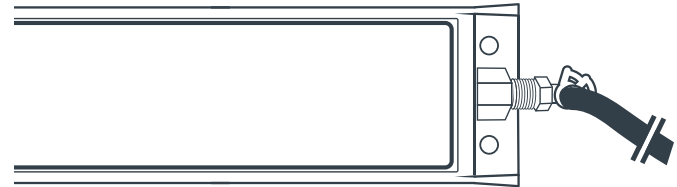


3. Thread the included Compressor Silencer/Filter into the Air Compressor's open intake port.
4. Run Air Tubing from the Clear Comfort System into the surge pit.
 - If needed, core drill through concrete floor.
 - If tubing needs to cross a floor, route Air Tubing through grating or hatch and use conduit that is secured to floor.

5. Connect the Diffuser barb fitting(s) to the Diffuser(s).



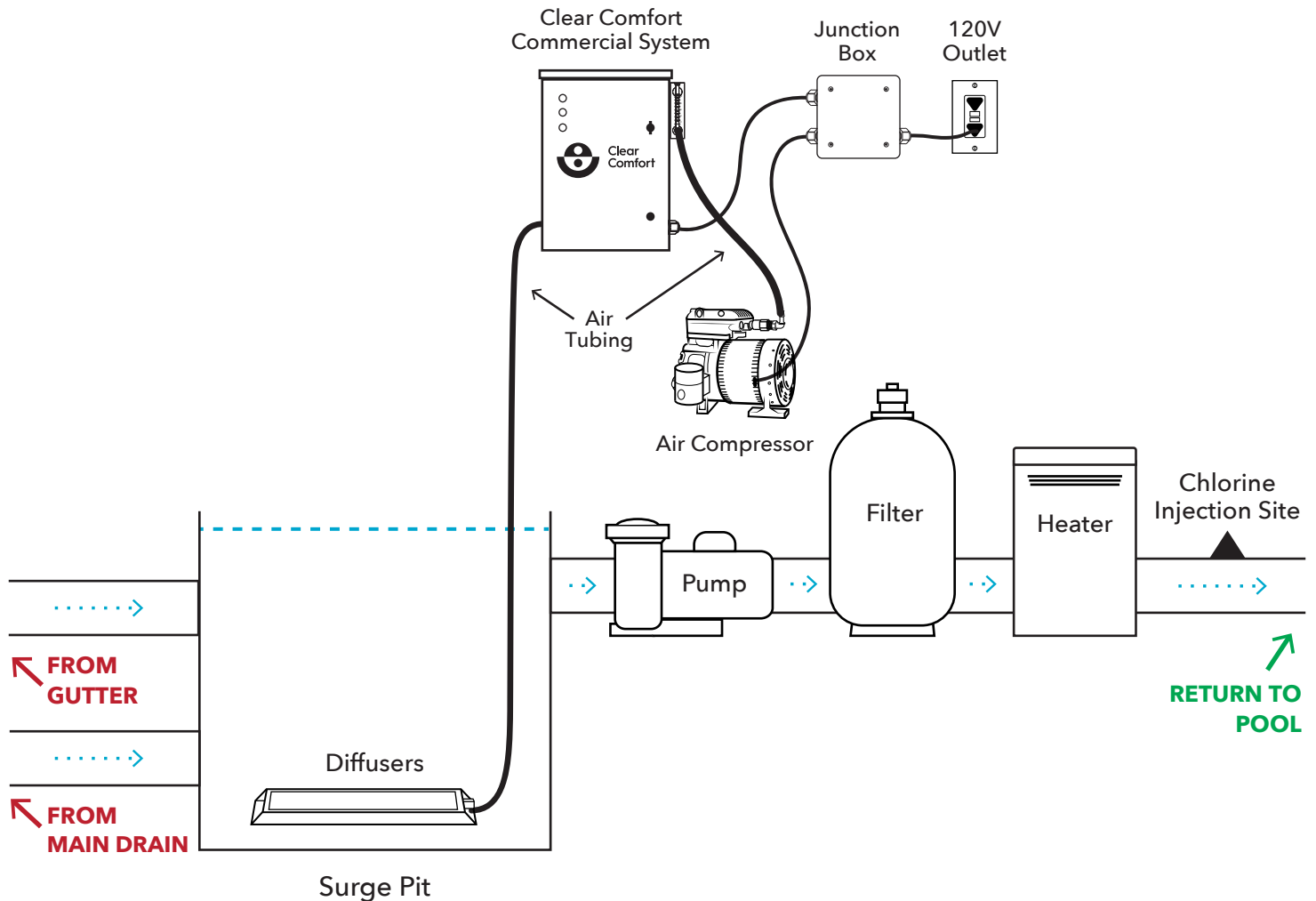
7. If installing a CCW500 system, connect the 1/4 "Y" connector to the Air Tubing at bottom of the surge pit. Then, connect short lengths of Air Tubing to each Diffuser and secure each connection with clamps.
8. In the surge pit, position Diffuser(s) near the location that water enters the pit and away from the pump suction.



9. Mount the Junction Box on a wall. Insert the Clear Comfort system cord into the Junction Box's open watertight strain relief fitting and connect wires to the provided lever nuts: green to green, black to black and white to white.
10. Plug in the Junction Box's power cord, press the Clear Comfort system's power button ON and use the flowmeter's adjustment knob to set the flow rate.

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PLEASE NOTE:

- For the best mixing and bubble removal, position the Diffuser below the gutter/main drain pipes.
- Not all Surge Pits are designed the same. For additional installation questions, please use the information below to contact Clear Comfort's customer success team.