

External Temperature Control Unit Above-the-Room Installation

BENEFITS OF AN ABOVE-THE-ROOM INSTALLATION

When the HydroMassage is installed in a closed room without a sufficient supply of cold air (300 CFM supply-and-return **per machine**), an external temperature control unit (ETCU) is required in order for the HydroMassage to be operated continuously without the risk of overheating.

HydroMassage recommends installing the external temperature control unit above the room if there is enough airflow space to accommodate the requirements of the ETCU.

PREPARE IN ADVANCE OF THE INSTALLATION

To make the installation process smoother, we recommend the ETCU installation be completed before delivery of your HydroMassage.

Ask your salesperson or our Logistics Department for assistance getting your ETCU shipped in advance of the installation date.

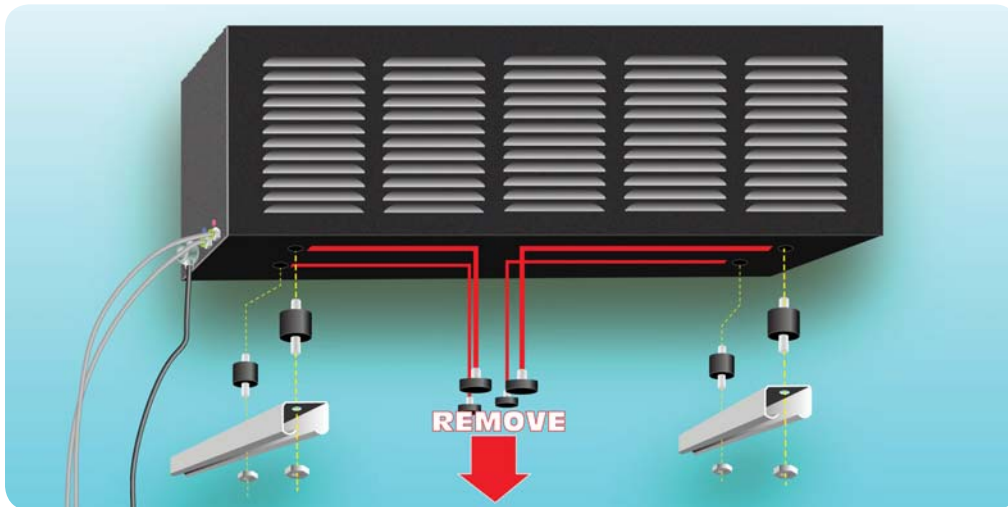


CEILING MOUNTED TEMPERATURE CONTROL UNIT



SPECIFICATIONS

- 33 ½" L x 15" W x 10 ½" H
Weight: 81 lbs.
- All required electricity and water is sourced from the HydroMassage Bed or Lounge. No new electric or water lines need to be run.
- ETCU connects to the HydroMassage product via one electrical cord and two small ¼" water lines. Water lines enter the cooling unit from the side and need 5" of clearance.
- The external temperature control unit must be mounted level. Any tilt greater than 2° should be remedied during installation.



INSTALLATION ABOVE A HYDROMASSAGE ROOM



For liability reasons, HydroMassage technicians are not permitted to install the temperature control unit above a customer's room. Ensure this installation is completed prior to delivery day and according to your local building and electrical codes.

External temperature control units may be installed up to twenty feet away from the HydroMassage including above, below, or in an adjacent room.

Use two Unistrut channels, each 24" wide and pre-drilled for mounting. (Unistrut channel is an industry-standard product available at most HVAC suppliers.)

Remove (unscrew) the four rubber feet from the bottom of the ETCU and install vibration isolation mounts between the ETCU and Unistrut. Use Nyloc nuts to secure the vibration mounts to the Unistrut channel for additional safety.



UNISTRUT CHANNEL

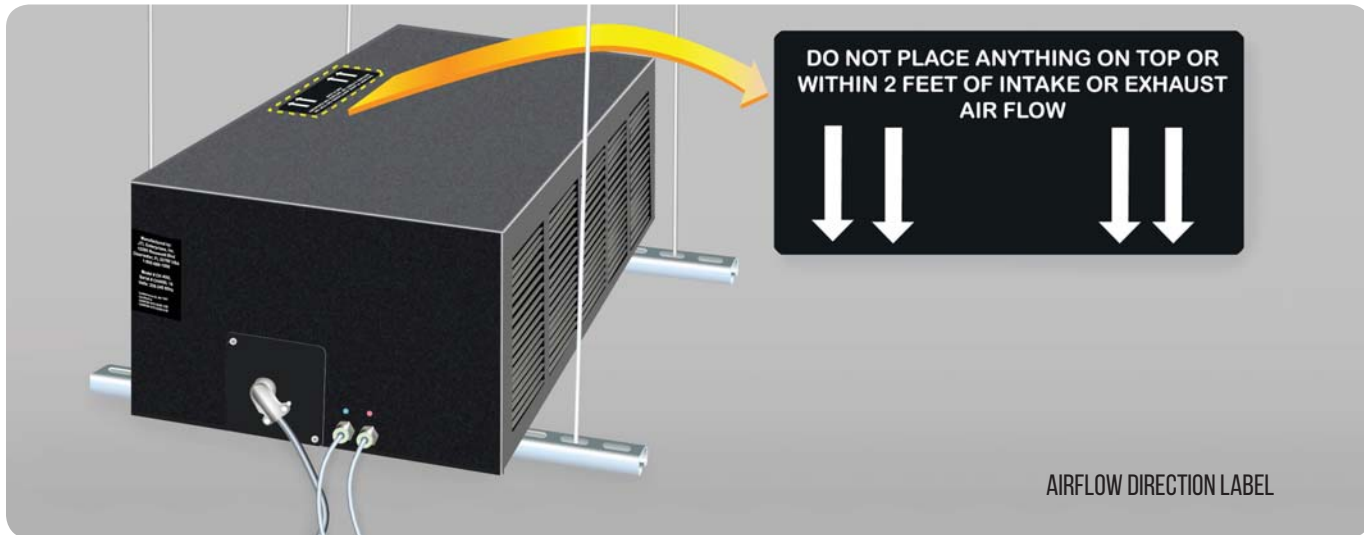


VIBRATION ISOLATION MOUNTS FOR USE WITH UNISTRUT

! **IMPORTANT:** Do not operate HydroMassage products before securing the External Temperature Control Unit to the Unistrut channel.

Ensure the ETCU is level both front-to-back and left-to-right.

! If the installation area is sealed (no return air or ventilation) each external temperature control unit requires **2000 ft³** of air circulation space and an environment that can be maintained between 45° and 100°F year-round. Pay attention to the airflow decal on the top of the ETCU to ensure the exhaust blows toward the most open space. It requires at least two feet of unobstructed airflow on each side (intake and exhaust).



Route the electrical and water lines connecting the ETCU to the HydroMassage through the wall, if possible. Two ¾” conduits are required within the wall adjacent to the HydroMassage unit, feeding a single gang box with a faceplate near the foot end of the HydroMassage Bed or rear of HydroMassage Lounge.



RUN WATER AND POWER THROUGH WALL CONDUIT WHERE POSSIBLE



COOLER WATER AND ELECTRIC LINES IN CONDUIT

EXTERNAL TEMPERATURE CONTROL UNIT WIRING

The external temperature control unit is designed to be installed remotely (ceiling, other room, etc.) Any rewiring of a HydroMassage product must meet all local and state codes that apply. It may require replacing the power cord with a wired connection to the terminal block just inside the electrical cover as seen in the photo below.

