

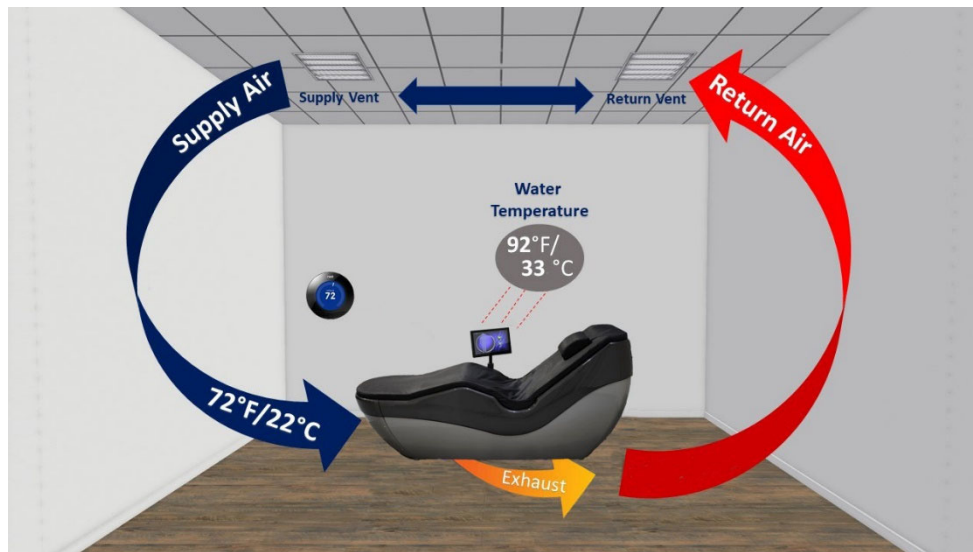
HYDROMASSAGE

HydroMassage Zone Guidelines - HVAC

Overview: Each HydroMassage® unit produces **5900 BTUs** of heat. The HVAC system should be designed to maintain a room temperature between $[68^{\circ}\text{F}-72^{\circ}\text{F}/20^{\circ}\text{C}-22^{\circ}\text{C}]$ after consideration of the additional heat produced to ensure proper operation and user comfort.


The following guidelines are recommended:

- **Air Supply/Return** – requires **400 Cubic Feet Per Minute (CFM)** HVAC supply and return per HydroMassage® unit. **IMPORTANT:** This is in addition to original room HVAC specifications.
- **Vent Placement** – place the supply vents near the intake side (foot end), and the return vents near the exhaust side (head end), as shown as a guideline for optimal performance.
- **Thermostat** – place a thermostat or sensor at the center of each room approximately $[4\text{ft.}/1.22\text{m}]$ above floor to regulate the air temperature in the room.
- **Open Entryways** – room should not have a closed door to allow for cool air flow.



*Water temperature will reflect $20^{\circ}\text{F}/11^{\circ}\text{C}$ difference above air supplied to HydroMassage® intake

When the above HVAC requirements can't be met, an external cooling system is required to eliminate overheating risk when HydroMassage® unit is installed in a private room.

ITEM	IMAGE	SPECS	WEIGHT	ELECTRICAL
FIN-0140		34.5" L x 15.5" W x 10.5" H 87.6cm L x 39.4cm W 28.7cm H	81lbs. 36.5 kg.	Supplied from HydroMassage® Unit

A total of $[2000 \text{ cu ft.}/57\text{m}^3]$ of space is required to connect an external cooling system. Cooling system connects to each HydroMassage® unit via a power cord and two $\frac{1}{4}$ inch water lines and may be installed up to $[20 \text{ ft.}/6.10\text{m}]$ away from HydroMassage® (above room in drop ceiling similar to an air handler or in an adjacent room). **For further details, see the ETCU Above the Room Installation document.**