

Freestanding Tubs Supplemental Installation Information

Installation instructions for Freestanding Tubs are included in the Owner's Manual / Installation Guide. The following additional information should also prove helpful in the planning and installation of freestanding tubs.

General Information

- Rough in dimensions – For critical dimensions, we suggest taking the measurements of the actual tub on site. All printed specifications are +/- ½ inch and subject to change without notice.
- Access panel – A removable access panel is located on the drain side (rear) of the bath. It provides access for installation of the waste and overflow. It is held in place by covered stainless steel screws. If your tub is equipped with System Aria or Radiance, it will provide access during installation to make electrical connections. See additional information below.
- Pedestal Base – The optional pedestal base available on some models does not raise the height of the tub, as the tub actually sits down into the base. The base does, however, extend beyond the top rim of the tub by approximately 1". Use care when selecting your free-standing faucet, ensuring that the reach of the spout is adequate so that no modification to the pedestal base will be necessary. If wall mounted fixtures are being used, again be careful to ensure the spout will extend out far enough to clear the tub flange and the falling water will not hit too high up on the side wall of the tub and splash. It may be necessary to omit or trim the baseboard or molding to allow the tub to sit close to the wall. Please note: The pedestal base is not symmetrical; if it does not fit, rotate the base 180°.

Fixtures

- **No fixtures can be mounted on the tub deck of most MTI freestanding tubs. Floor or wall-mounted fixtures are required.**
- Wall-Mounted – The position of the tub and the reach of the spout are critical. Pay special attention to the spout reach when choosing your fixtures. Be careful to ensure the spout will extend out far enough to clear the tub flange and the falling water will not hit too high up on the side wall of the tub and splash .
- Floor-Mounted – Some freestanding fixtures must be anchored to the tub drain for stabilization. The waste and overflow on MTI freestanding tubs (except Primm and Solid-Surface tubs) are concealed under the access cover so anchoring to the overflow pipe (or tub structure) is not possible. Many kits (with minor modification) can be mounted to the wall (rather than the drain pipe) for stabilization.

System Aria

- Remote Mounting Blower – Due to the limited space between the inner and outer shells of all MTI freestanding tubs, the blower must be remote mounted. (See exception for the MTDS-75.*) In addition to the air hose, there are two electrical connections between the tub and the blower. Both electrical connections and the air hose exit through the bottom of the bath. It is always desirable to remote mount the air blower as close to the tub as possible to minimize loss of heat. Pipe insulation may be used on the grey hose to minimize heat loss.
- MTI does not recommend that the blower be mounted more than 8 feet from the tub. The supplied wiring between the tub and the blower is approximately 10 feet long.
- Remote blower locations – There are several locations where the blower can be located. There must be a GFCI electrical outlet within 2 feet of the blower. The blower is approximately 12 inches long and 7 inches in diameter. Substantial ventilation is required to keep the blower from overheating and to supply the large volume of air being sent to the tub. Never wrap insulation around the blower as this will cause the equipment to fail. The best location is directly below the tub between the floor joists. This location keeps the distance short and offers easy access from below. If the room below has a finished ceiling, there are many fixtures such as HVAC cold air returns that can be used to camouflage the access panel in the ceiling. To reduce noise, we suggest using a cold air return designed to house a furnace filter. Use an acoustic ceiling tile trimmed to fit in place of the filter. Other possible locations include an adjacent closet, vanity or same level attic. Every home is different and there may be other desirable locations. Keep in mind that the blower must be accessible for any future servicing. MTI's hardwood blower box, built of hardwood and available in several finishes, is another option for hiding the blower.

*The blower on the MTDS-75 Antigua can be located in between the two walls of the tub or remote mounted. Should service to the blower ever be required, the tub would need to be disconnected and lifted up to access the equipment. Remote mounting the blower may be the better choice.

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- Remote blower kit – If the blower is not mounted directly adjacent to the tub, a remote blower kit will be required. The kit consists of an extension hose, coupling and clamps. This kit is available with the tub at no additional charge upon request. Please indicate if a 3' or 6' length is needed.

Radiance®

- Electrical connection – The Radiance option requires a dedicated GFCI electrical outlet and draws 5 amps of power. A dedicated 20 amp GFCI circuit can be used if your tub is equipped with both Radiance and System Aria. The control box has a 2' power cord and is located behind the access panel. The electrical outlet can be located between the floor joists under the tub or on the wall behind the tub. Access must be available to test/reset GFCI. The power cord exits through the bottom of the bath.

Basic Installation Procedure

- Determine final location of tub. Tub will sit on top of finished flooring.
- Ensure location is structurally sound, flat and level.
- Remove access panel to gain access for waste and overflow installation. Be careful not to damage the access panel during installation.
- Roll tub onto front face, being careful not to damage the acrylic finish. Use packing blanket or other suitable material to protect the surface of the tub.
- Install waste and overflow.
- Using two 2' x 4's to elevate the tub above the floor, align the tub so that the drain lines up with the P-trap in the floor. DO NOT LET THE TUB REST ON THE DRAIN PLUMBING.
- Apply a 3/8" bead of construction adhesive or clear silicone to the bottom of the tub to adhere it to the floor. Use care not to allow adhesive to get on the outside surface of tub or surrounding floor area. Wipe any excess immediately with a soft, damp cloth.
- Carefully remove the 2' x 4' supports and lower the tub to the floor, making sure that the drain drops into the P-trap.
- Check that the drain is properly aligned, complete drain installation and reinstall the access cover.
- Allow to set for 24 hours before using.

Waste and Overflow

- Due to limited space between the inner and outer tub shells, use care when selecting your drain kit. MTI offers toe tap, lift & turn and cable driven style waste and overflow kits for our freestanding tubs. We recommend using the cable driven drain kit. This style incorporates a flexible section between the overflow and the "T," allowing for easier installation. If access is available from below during the final installation, it is easier to make precise adjustments in the final location of the tub. The cutout in the bottom of the outer shell for the drain "T" can be enlarged if necessary. *Careful!* If made too large, the drain pipe might be visible between the side of the tub and the floor when viewed from certain angles. When the optional pedestal is used (available on some freestanding models), it is easier to make this additional clearance since it will be hidden by the base.