

# MasterCare

Patient Equipment, Inc.

*"ERGONOMIC AND ECONOMIC PATIENT CARE SOLUTIONS"*

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**MB-59-AV, MB-68-AV, MB-68-AVH, MB-68-AVF & MB-68-AVI**  
Including all XL Models

## **Entrée Bath**

**SUGGESTED LAYOUT INFORMATION  
PLUMBING AND ELECTRICAL ROUGH-INS AND  
INSTALLATION INSTRUCTIONS**

**IMPORTANT SAFETY INSTRUCTIONS  
READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL**

Entrée AV Series Rough-in/Install Cover 4/26/06  
Rev. #1

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## Entrée Bath

### Architectural Specifications & Rough-In Information

*Models: MB-59-AV, MB-68-AV, MB-68-AVH, MB-68-AVF & MB-68-AVI, Including all XL Models*

### Dimensions:

<b>Bath:</b>	Width	[MB-59-AV, MB-68-AV, MB-68-AVH, MB-68-AVF (Including XL models)]	35"	Inches
	Width	[MB-68-AVI(XL)]	38 ½"	Inches
	Length	[MB-59-AV]	59 ½"	Inches
	Length	[MB-68-AV]	67 ½"	Inches
	Length	[MB-68-AVH, MB-68-AVF]	63 ½"	Inches
	Length	[MB-68-AVI]	69 ½"	Inches
	Length	[MB-68-AV(XL)]	73 ½"	Inches
	Length	[MB-68-AVH(XL), AVF(XL)]	69 ½"	Inches
	Length	[MB-68-AVI(XL)]	75 ½"	Inches
	Height	[MB-68-AV(XL), AVH(XL), AVF(XL)]	40 ½"	Inches
	Height	[MB-68-AVI(XL)]	42 ½"	Inches

### Specifications:

<b>Back Flow Prevention:</b>	Watts NLF-9 vacuum breaker for shower hose. Note: The factory provided backflow prevention is the most widely accepted. Local codes may require changes, which is the responsibility of the local plumbing contractor.
<b>BathAire<sup>(SM)</sup> Outlets:</b>	4 with 6 ports each for a total 24 warm air massage outlets.
<b>Door Seal:</b>	Tough, flexible vinyl cover and flange with closed cell foam core for long lasting durability. Highly resistant to oils, detergents and all water conditions.
<b>Electrical:</b>	Provide separate 120 V-AC, 60 HZ, 20 Amp. circuit and receptacle with in-line ground fault interrupter (not supplied) in accessible location.
<b>Installation Time:</b>	1 hour
<b>Motor Specs:</b>	Door motor: 115 V., 4.2 Amps, 1/3 H.P. BathAire <sup>(SM)</sup> Motor: 120 V., 9.5 Amps. Variable speed with built-in 600 watt heating element for maximum comfort and control.
<b>Room Size:</b>	5' 11" wide x 9' 7 ½" long minimum recommended for standard length; 6' 5" wide x 10' 1 ½" long minimum recommended for XL models. Can fit in smaller room; call <b>MasterCare</b> with dimensions.
<b>Standards:</b>	Tested and certified to Hydromassage Bathtubs, UL 1795, Third Edition. & Hydromassage Bathtub Appliances, CAN/CSA C22.2 No. 218.2-93. Compliant with chapters Comm 82-84, Wisconsin Administrative Code, and Chapters 145-160, Wisconsin Statutes. Comm 82.32 (4) (b) 2., Wis. Adm. Code based on the Wisconsin Statutes and the Wisconsin Administrative Code. Product File #20010143. FDA Establishment Registration No. 3003333691.
<b>Switches:</b>	Pneumatic and membrane.
<b>Thermometer:</b>	Analog temperature measurements.
<b>Tub Entry:</b>	Door full length of tub with tub seat extending over the floor surface.
<b>Tub Fill/Shower:</b>	Deck-mounted 22 GPM thermoscopic mixing valve with separate fill and shower flow control valves.
<b>Tub Shell:</b>	Sanitary gel-coated FRP (Fiberglass Reinforced Polymer).
<b>Tub Water Use Gallonage:</b>	55 gallons under normal conditions.
<b>Waste:</b>	2" PVC schedule 40 pipe.
<b>Water Connection:</b>	½" & ¾" hose connections with shower & fill hoses supplied by manufacturer
<b>Water Supply:</b>	¾" Copper hot and cold. Minimum of 45 PSI for hot and cold required. Maximum temperature of hot water supply 115° F or code, whichever is less.
<b>Weight:</b>	MB-59-AV: Approx. 370 lbs., MB-68-AV: Approx. 420 lbs., MB-68-AVH & MB-68-AVF: Approx. 405 lbs., MB-68-AVI: Approx. 440 lbs., MB-68-AV(XL): Approx. 460 lbs., MB-68-AVH(XL) & MB-68-AVF(XL): Approx. 445 lbs., MB-68-AVI(XL): Approx. 480 lbs.

**Warning:** 1) Risk of electrical shock; Disconnect electric power source before installation and subsequent servicing. 2) An equipment grounding terminal is provided in the field wiring compartment. To reduce the risk of electrical shock, this terminal must be connected to the grounding means provided in the electric supply panel with a conductor equivalent in size to the circuit conductors supplying this equipment. 3) Install this unit in accordance with the U.S. National Electrical Code in the U.S.A and the Canadian Electrical Code, Part I in Canada.

**Other Precautions:** Install to permit access for servicing.

Entrée AV Series Specs 4/26/06  
Rev. #1

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## Installation and Rough-In Instructions – All Entrée Bath Models

### IMPORTANT SAFETY INSTRUCTIONS

#### READ AND FOLLOW ALL INSTRUCTIONS IN THIS MANUAL

**Warning:** Risk of electrical shock.

- 1) All equipment comes standard with a 120 volt – 3 prong electrical plug. Simply plug into a 120 V-AC, 60 HZ, 20 Amp GFI protected receptacle that is in an easily accessible and dry location. All hard wiring must be performed by a licensed electrician following local codes. The main power supply must be: 1) GFI protected, 2) Disconnected before hard wiring. ***WARNING!! Failure to disconnect main power before hard wiring unit can result in Electrical Shock, Death or Damage to equipment not covered with the warranty.***
- 2) An equipment grounding terminal is provided in the field wiring compartment (electrical box on the unit). To reduce the risk of electrical shock, this terminal must be connected to the grounding means provided in the electrical supply panel with a conductor equivalent in size to circuit conductors supplying this equipment.
- 3) Install this unit in accordance with the Canadian electrical code, part I., in Canada and in accordance with the U.S. national electrical code in the U.S.A. or local codes, whichever applies.

**Warning:** Risk of scalding.

- 1) The hot water supply to the tub cannot exceed 115 degrees F (46 C).

#### Other precautions:

- 1) Install to permit access for servicing.
- 2) Allow minimum recommended distances around tub per enclosed layout.
- 3) Double check the installation height of the casual water drain against the instructions in this manual.
- 4) If there are any doubts about the installation of this tub please call us direct at 800-798-5867 and ask for technical assistance.
- 5) Ensure there are NO obstructions that limit smooth travel of door.
- 6) Do not allow installation/construction debris to come in contact with door seal.
- 7) Verify hot and cold lines are hooked up correctly.

**SAVE THESE INSTRUCTIONS**

Entrée Safety Instructions 4/21/06  
Rev. #1

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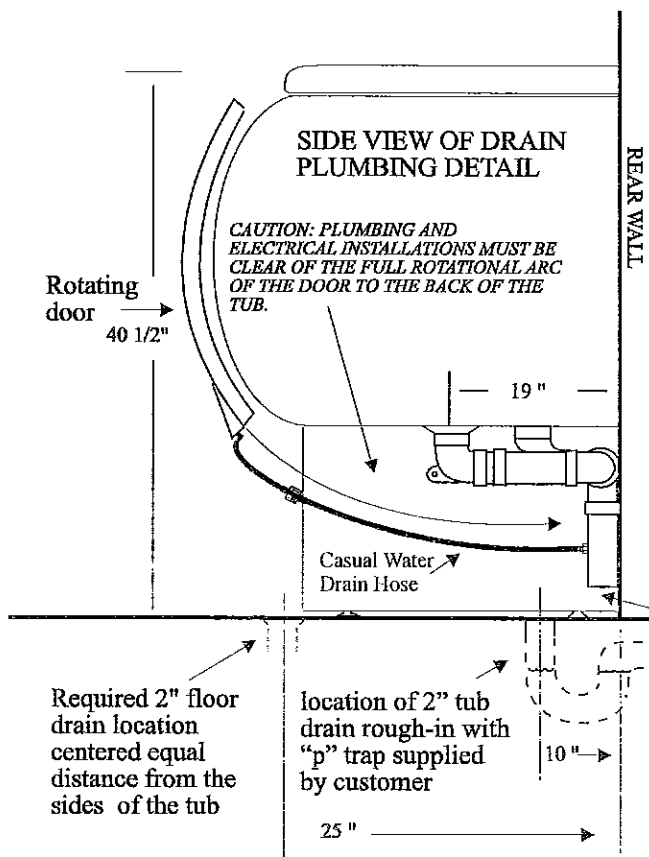
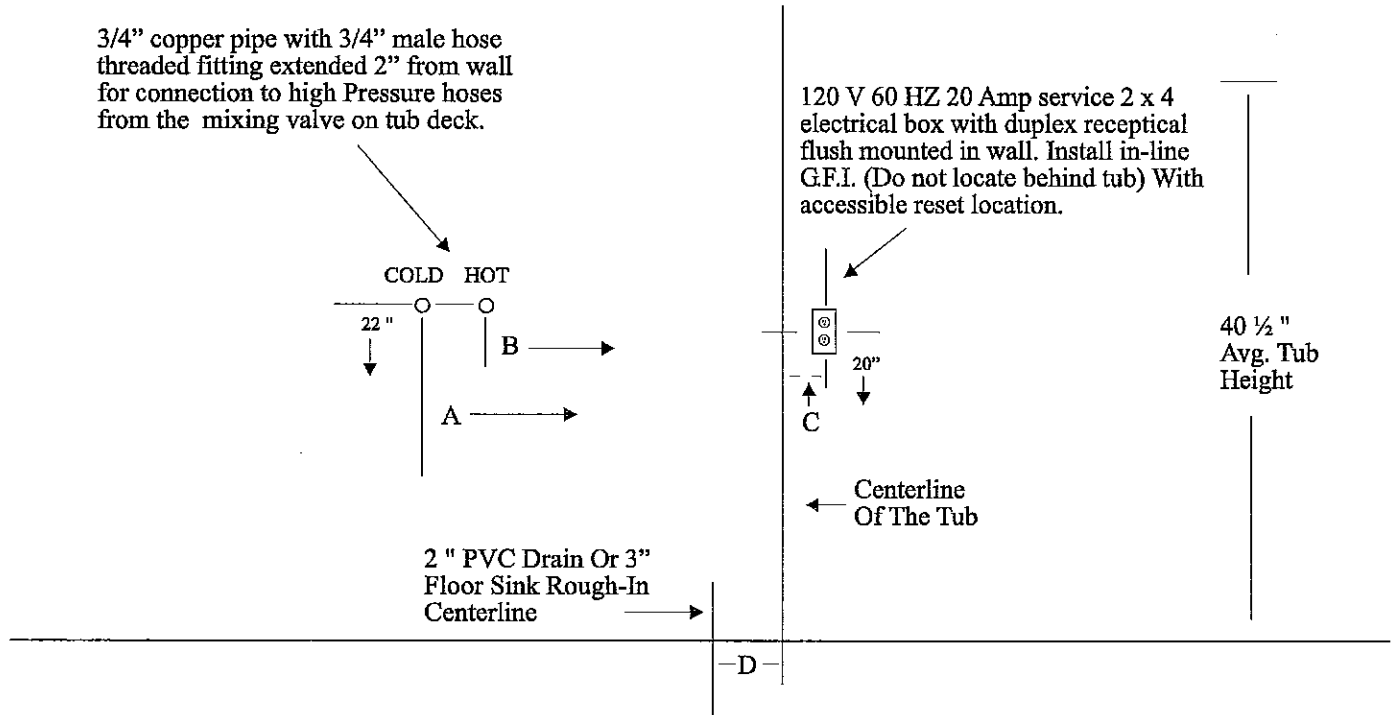
Website: [www.mastercarebath.net](http://www.mastercarebath.net)

# MasterCare

## "AV" SERIES

### EntreeBath Rough-Ins Plumbing and Electrical

Models: MB59AV, MB68AV, MB68AVH, MB68AVF, MB68AV (XL) MB68AVH (XL) MB68AVF (XL)



All Dimensions Listed Below Are From The Centerline Of The Tub

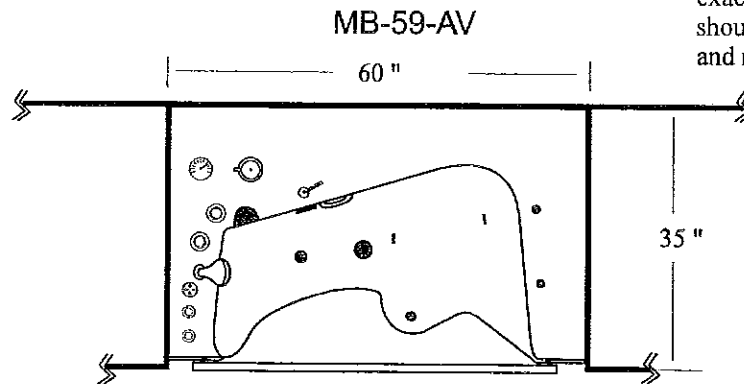
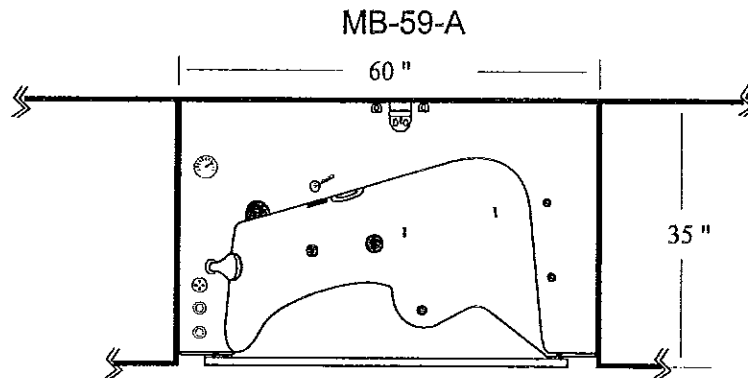
Model	A	B	C	D	Tub Width
MB59AV	23.75"	18.75"	5.75"	6.00"	59.50"
MB68AV	23.75"	18.75"	5.75"	6.00"	67.50"
MB68AHV	21.75"	16.75"	7.75"	4.00"	63.50"
MB68AFV	25.75"	20.75"	3.75"	8.00"	63.50"
MB68AV (XL)	26.75"	21.75"	5.75"	3.00"	73.50"
MB68AVH (XL)	24.75"	19.75"	4.75"	7.00"	69.50"
MB68AVF (XL)	25.75"	20.75"	6.75"	5.00"	73.50"

Memo: Elbow from this point with factory supplied elbow located in the install kit sent with the tub to the 2" floor drain or 3" floor sink. Must keep 2" PVC pipe from tub to drain at floor level for clearance purposes. For existing floor drain elbow out at angle needed to connect. Adapt as needed to size of drain.

MB68IN16 Rev # 0002  
06/23/06

# MasterCare EntreeBath

MB-59-A & MB-59-AV Typical Layout In Bath Area  
Top View



Memo: The inside alcove width measurement must be exactly 60". The alcove depth should be a minimum of 35" and no more than 40"

Memo: 1) It is recommended that all three walls be tiled starting at a minimum of 58" high down to the floor. Tile the side walls all the way down to the floor. Tile back wall down to at least one row of tile below the top of the tub deck which is 40 1/2" above the floor. 2) The tub is trimmed at the factory to be exactly 59 1/2" wide. Make certain to allow for a 60" alcove opening after the tile is installed. 3) The graphic of the above tub is with the door closed. With the door open the tub is 33" wide and will slide through a 36" door for installation. 4) Leave minimum 36" between front of tub and opposite wall for optimum resident and staff access.

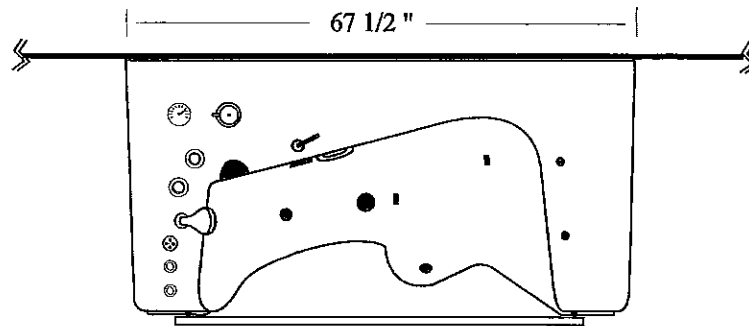
MB59LAY3 Rev # 0001  
04/18/06

# MasterCare

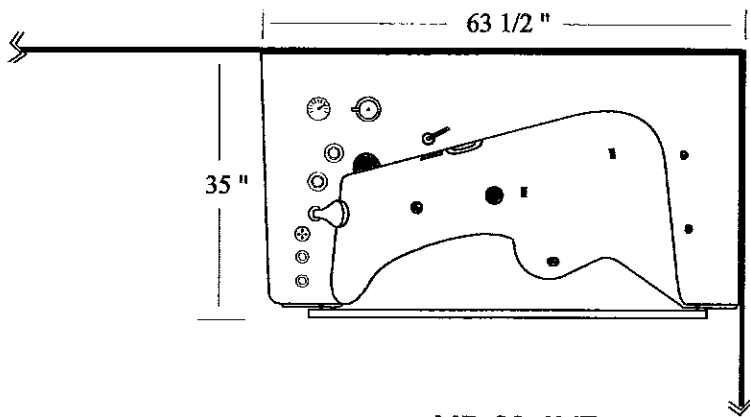
## EntreBath

MB-68-AV, MB-68-AVH & MB-68-AVF Typical Layout In Bath Area  
Top View

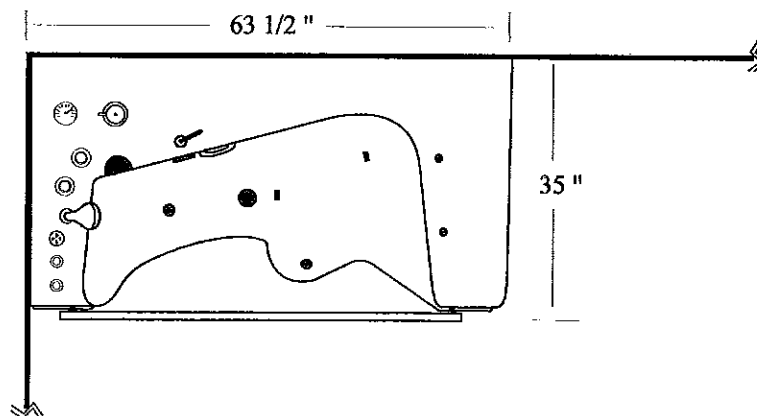
MB-68-AV



MB-68-AVH



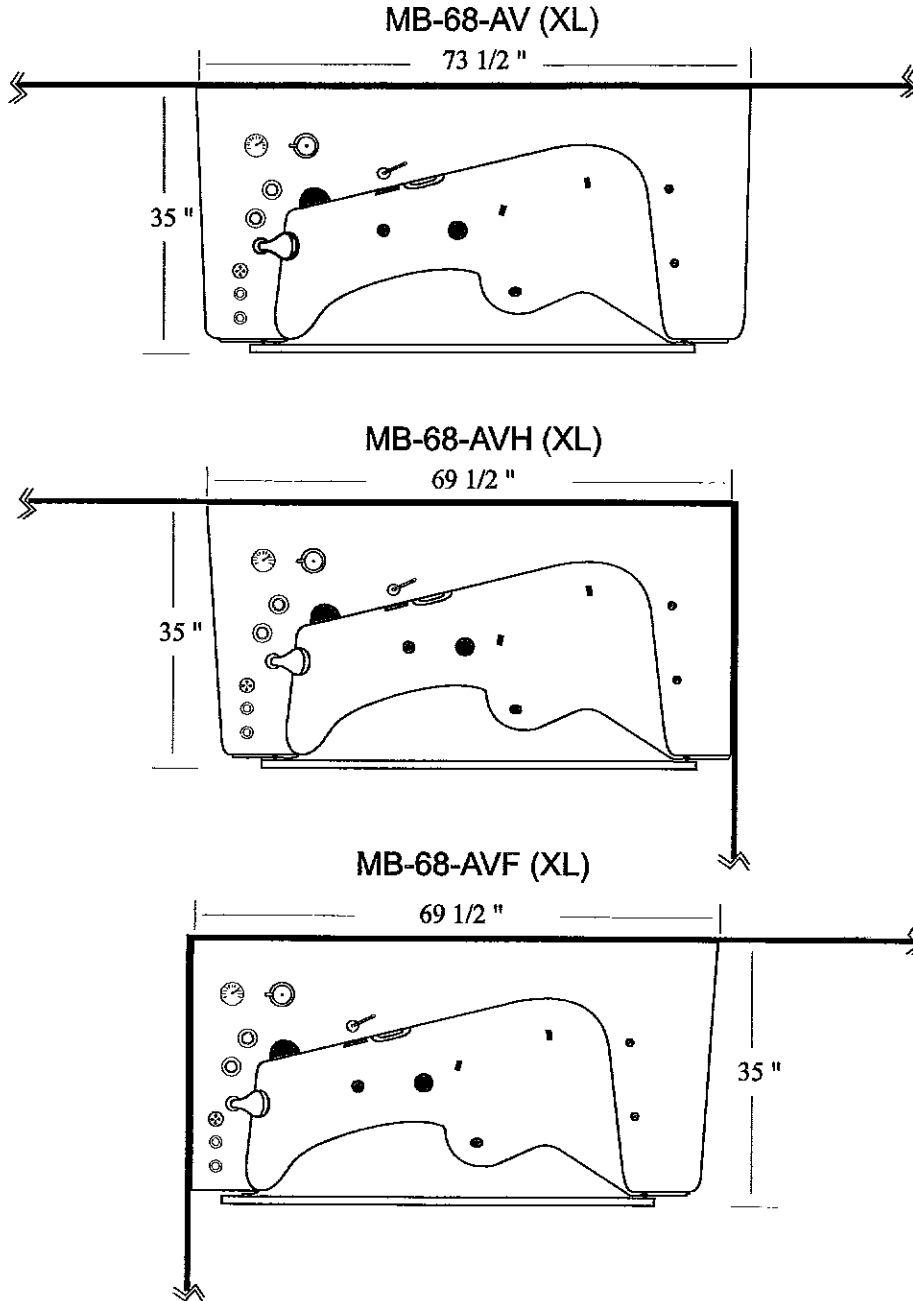
MB-68-AVF



Memo: 1) It is recommended that the rear wall including the side wall for the AVH & AVF Models, be tiled starting at a minimum of 58" high down to the floor. 2) The graphic of the above tub is with the door closed. With the door open the tub is 33" wide and will slide through a 36" door for installation. 3) Leave minimum 24" between side panel(s) and opposite wall(s) for optimum operational access. 4) Leave minimum 36" between front of tub and opposite wall for optimum resident and staff access.

# MasterCare EntreeBath

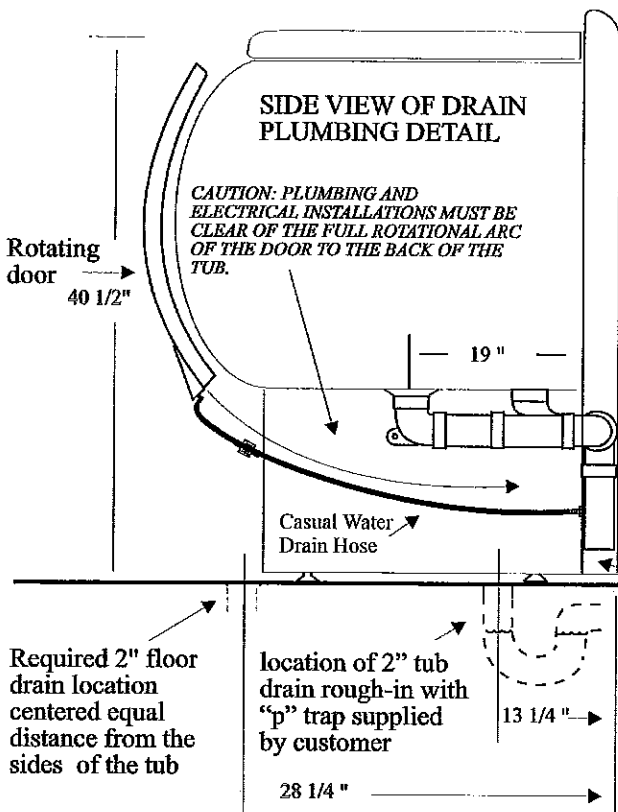
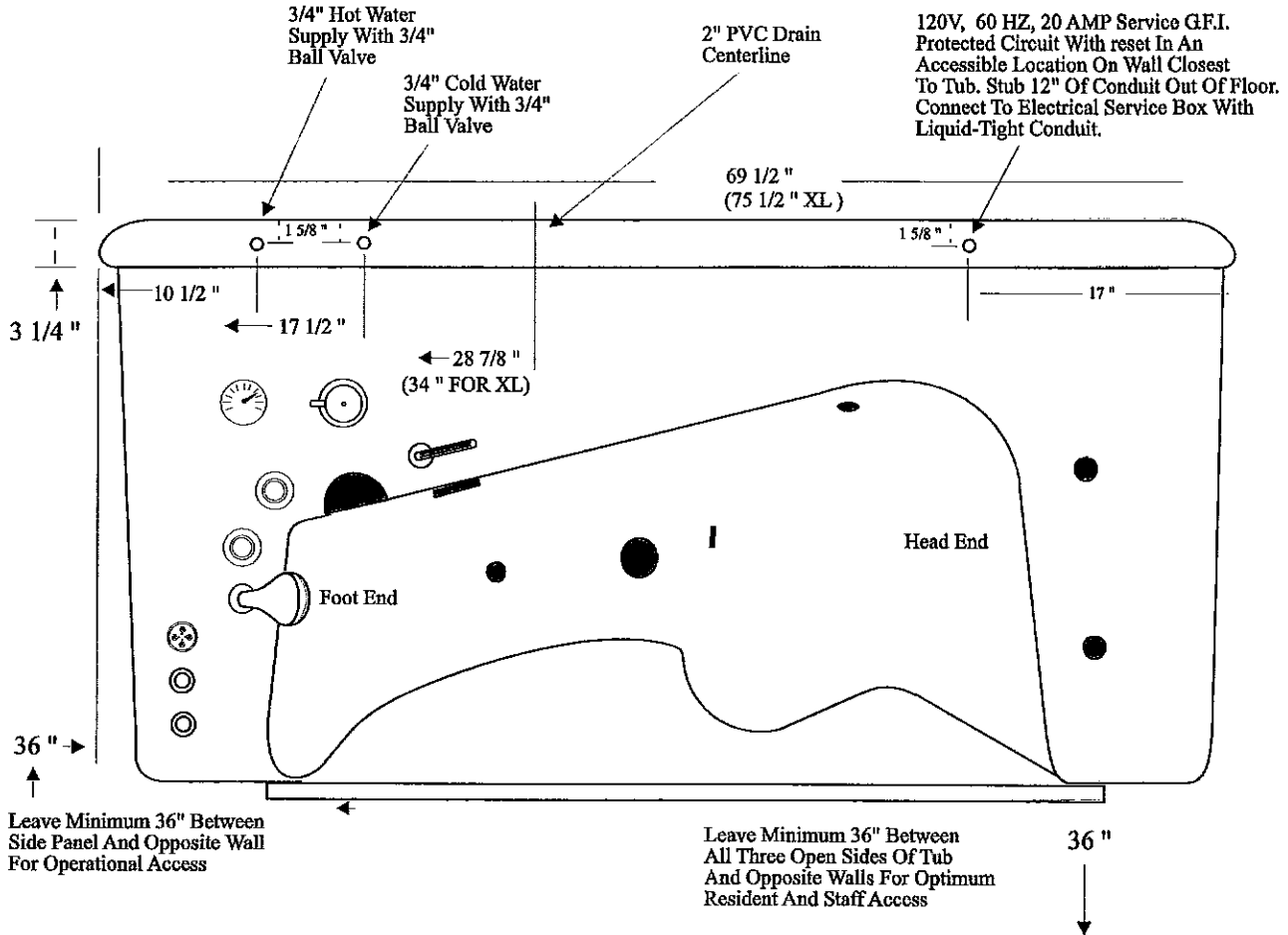
MB-68-AV, MB-68-AVH & MB-68-AVF With XL Option  
Typical Layout In Bath Area Top View



Memo: 1) It is recommended that the rear wall including the side wall for the AVH & AVF Models, be tiled starting at a minimum of 58" high down to the floor. 2) The graphic of the above tub is with the door closed. With the door open the tub is 33" wide and will slide through a 36" door for installation. 3) Leave minimum 24" between side panel(s) and opposite wall(s) for optimum operational access. 4) Leave minimum 36" between front of tub and opposite wall for optimum resident and staff access.

# MasterCare

## MB-68-AVI & MB-68-AVI (XL) Plumbing And Electrical Rough-Ins For Island or peninsula Installation



Memo: Elbow from this point with factory supplied elbow located in the install kit sent with the tub to the 2" floor drain or 3" floor sink. Must keep 2" PVC pipe from tub to drain at floor level for clearance purposes.

For existing floor drain elbow out at angle needed to connect. Adapt as needed to size of drain.



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**MB-59-A, MB-68-A, MB-68-AH, MB-68-AF,  
MB-59-AV, MB-68-AV, MB-68-AVH, MB-68-AVF, MB-68-AVI Entrée Bath  
INCLUDES THOSE MODELS WITH (XL) OPTION**

## INSTALLATION INSTRUCTIONS

**MasterCare's** products are a result of years of design research and testing to produce the most ergonomic system possible for the benefit of the patient and operator while giving the provider real economic value for their investment. These instructions will provide your local contractor(s) with the proper guidelines to complete a successful installation of this system with minimum amounts of effort and time:

### Un-crating:

Un-crate the bathing system immediately upon receipt to inspect for hidden and concealed damage. Report any damage immediately to the local freight carrier and your **MasterCare** Representative/Distributor. Remove the screws from the adjustable feet anchoring the tub to the pallet, remove the side skirts, manually lift the tub off the pallet using the steel framework, plug in cord, then open door all the way and transport on a dolly system to the installation site. After the tub is on-site, leave the special packing around the tub door until after the tub is installed and ready for its test operation.

### Optimum Location:

It is important to have the system properly located in the room to maximize the ergonomics of the operation for the benefit of your patient and caregiver. Following the guidelines in the enclosed suggested layout drawing would help you select the optimum location for the tub. Under certain conditions, this system can be operated effectively in less than the recommended space in the drawings. In this situation, contact your local **MasterCare** Representative/Distributor directly for recommendations.

### Plumbing, Hot & Cold Water Supply:

All connections can be achieved by following the guidelines in the enclosed drawings. It is recommended that a shut off valve be installed on each incoming water line before connecting to the tub's plumbing system. Be sure to follow state and local plumbing codes during this procedure.

### Electrical:

All connections can be achieved by following the guidelines in the enclosed drawings.

**!/\ WARNING: To avoid electrical shock, be sure the main power supply is disconnected before proceeding. Make certain the green ground wire is connected to a proper grounding source. Failure to**

heed these warnings could result; 1) In electrical shock to the installer, patient or operator. 2) Damage to the electrical components in the system, voiding the warranty. It is recommended that a 20 Amp ground fault interrupter be installed in-line in an area accessible to the staff in the event the interrupter is tripped. Be sure to follow state and local electrical codes during this procedure.

## Leveling The Tub:

After the electrical and hot & cold plumbing have been connected, slide the tub into position, and then level the system. There are four threaded stainless steel leveling feet located at the base of the tub. Adjust the feet so that the tub is level across the front (door side) and the sides. To level the front, place a board across the back of the entire top deck with the level in the middle of the board. To level the sides, remove the side skirts, and then place the level under the edge of the top deck on each side.

## Anchoring The Tub:

To anchor the tub to the floor, use standard plastic or lead anchors in the floor with stainless steel screws. One anchor for each adjustable tub foot is all that is needed. **! WARNING: Wear safety glasses while drilling holes for the anchors to protect against eye injury.** Remove the side skirts from both sides of the tub. Drill using the pre-drilled holes in the feet as a guide. Move the tub over slightly to provide access, then insert the anchors. Reposition the tub feet over the anchors then tighten securely.

## Drain Connections:

Each tub is shipped with a 2" rubber coupler to connect the tub drain to the 2" PVC drain rough-in coming out of the floor according to the instructions contained in this manual. **Caution: 1) The 2" drain parts must be installed so the tub door can rotate to a full open position as shown by the arrow in the referenced drawings. Failure to heed this caution could result in damage to the drain system and tub door, voiding the warranty. 2) The casual water drain is preinstalled at the factory. If you should need to modify the location or the rough-ins were based on instructions prior to 4/26/06 please contact MasterCare at 800-798-5867.** Be sure to follow state and local plumbing codes during this procedure.

## Door Adjustments:

The door open/close cycles are preset at the factory and should not need adjustment upon installation. On installations in which the rear of the tub is installed against the wall, the door is preset to stop during the door open cycle before it would come in contact with the wall. However, it is always a good idea to check to make certain that the doorstops in the correct position at the end of the open cycle before final installation. If adjustment is needed, call your local representative/distributor first or the factory direct at 800-798-5867.

## Alcove Installed Models MB-59-A & MB-59-AV:

Use tub & wall caulk strip provided to seal between top of tub deck on all three sides of tub against the walls inside the alcove.

Should any questions arise during installation, please contact your local **MasterCare** Distributor or Representative.