IMPORTANT - LEAVE THESE INSTRUCTIONS WITH THIS UNIT

HYTEC
A KOHLER COMPANY

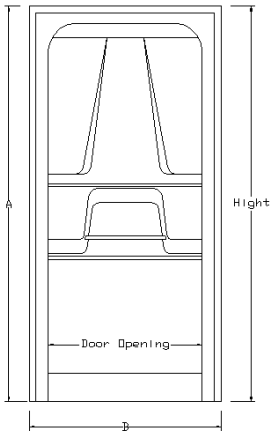
SHOWERBATH STANDARD SERIES
ONE-PIECE ACRYLIC FIXTURES
INSTALLATION INSTRUCTIONS & FRAMING DIMENSIONS

(Please refer to additional instruction sheets for 3-piece KD Renovation Fixtures)

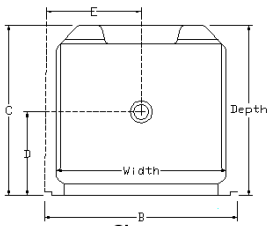
FRAMING DIMENSIONS **TOLERANCES ± ¼" (6.4mm)**

PRODUCT	MODEL	HEIGHT	INSIDE WIDTH	DEPTH	DOOR OPENING	FRAMING POCKET SIZE			DRAIN	LOCATION
SHOWER STALL						A	B	C†	D	E
36" Centre Drain	AC36 H36	84"	36"	36"	32 ⅝"	84"	41"	37"	19 ¾"	20 ½"
		2133mm	914mm	914mm	830mm	2133mm	1041mm	940mm	502mm	520mm
48" Centre Drain LH/RH/No Seats	AC4844/45/46 H4844/45/46	90"	46"	36 ½'	42 3/8"	90"	50 ½"	37 ½"	23 ½"	25 ½"
		2286mm	1170mm	927mm	1076mm	2286mm	1283mm	953mm	597mm	648mm
60" Centre Drain Two/None/LH/RH Seats	AC6170/71/72/73 H6170/71/72/73	90"	57"	35"	52 ¼"	90"	62 ½"	36"	17"	31 ¼"
		2286mm	1448mm	889mm	1327mm	2286mm	1588mm	914mm	432mm	794mm
61" Centre Drain/ LH/RH/Both Seats	AC6536	84"	61"	35 ½"	57"	84"	65 ½"	36"	17 ¾"	32 ¾"
		2133mm	1550mm	902mm	1448mm	2133mm	1664mm	914mm	450mm	832mm
Institutional Shower	H6836LT	83 3/4"	61"	36"	59 1/2"	83 3/4"	67 ¾"	36"	18"	33 7/8"
		2127mm	1550mm	914mm	1511mm	2127mm	1721mm	914mm	457mm	860mm
TUB SHOWERS										
60" RH/LH Drain	AC60/61 H60/61	90"	57"	33 1/4"	52 ¼"	90"	62 ½"	34 1/4"	15 ¾"	10 ½"
		2286mm	1448mm	845mm	1327mm	2286mm	1588mm	870mm	400mm	267mm
60" RH/LH Drain	AC90/91 H90/91 H40/41	83 ½"	56 ½"	32 ½"	54"	83 ½"	61"	33 ½"	17 ½"	8 ¼"
		2121mm	1435mm	825mm	1372mm	2121mm	1549mm	850mm	444mm	210mm
72" RH/LH Drain	AC100/101	84"	66"	35 ½"	64 ½"	84"	73 ½"	36"	14"	8"
		2133mm	1676mm	902mm	1638mm	2133mm	1865mm	914mm	355mm	205mm

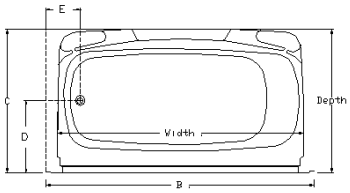
† Add 1" to these measurements when estimating space requirements for handling of KD Renovation Fixtures.



Shower



Shower



Tub Shower

WARNING: Make sure a watertight seal exists on all drain connections (flange, gasket and thread).

IMPORTANT NOTE: For proper drainage, the maximum allowed tolerance for leveling is 1/8" over the length and width of the unit. HYTEC recommends the use of a digital or precision level.

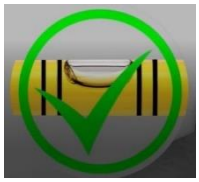


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Figure 1

PLANNING

1. Because of its size, be sure the showerbath module is on the jobsite early, and is positioned in the installation area before the room is closed in.
2. Check that the floor is level. Floor support under bath must provide for a minimum of 50 lbs/square foot (244 kg/square meter) loading.
3. In locations where plumbing is adjacent to a masonry wall, provision must be made for access to connections
4. When a fire-rated wall is specified, the finished fire-rated wallboards should be in place prior to installation of the unit. (NOTE: In this case, allowance must be made for the thickness of the wallboard when constructing the framing pocket.)
5. Standard one-piece shower modules are designed to rest on their front apron and can be fully supported by the nailing flanges along both sides and across the top – it is not necessary to support these units from the underside. However, in 3-piece knockdown renovation installations, or where steel studs are in use, or institutional units with low thresholds it is advisable to support the underside of the floor. For this we recommend the use of GROUT or MORTAR MIX.
6. Once the showerbath is secured in position, drywall or other wall finish will cover the flanges. Make sure you allow for this when constructing the framing pocket.

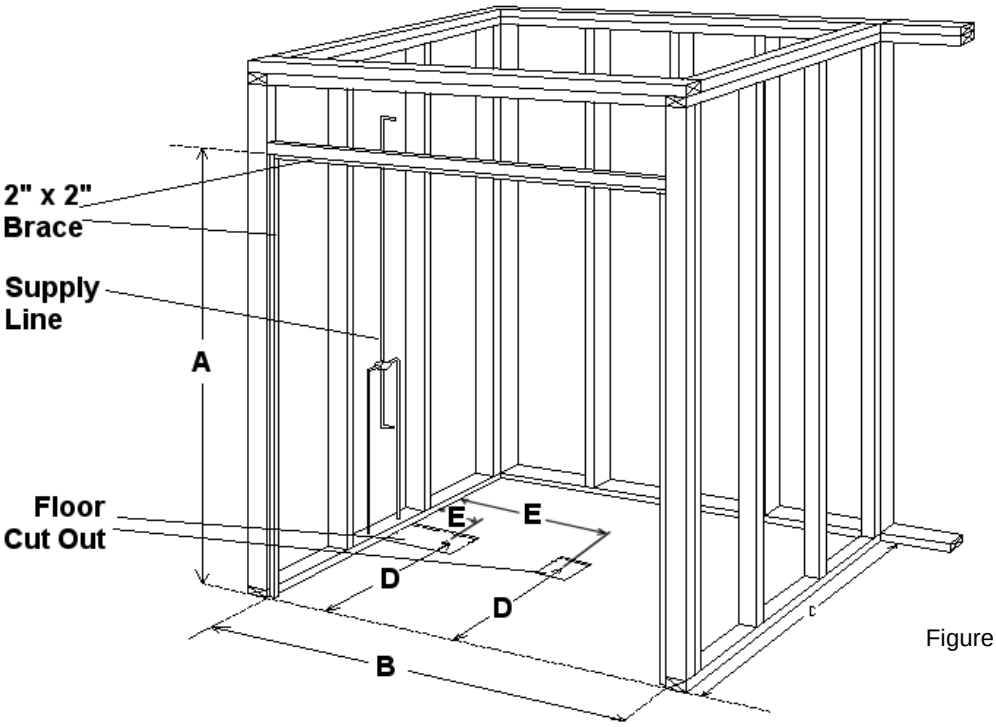


Figure 2

ADDITIONAL INSTRUCTIONS FOR LOW THRESHOLD MODELS

Models H6836LT, H4844/45/46LT are built with a threshold which is 2 ½" (63mm) high. The suffix –LT denotes Low Threshold. They are designed to be recessed 2" into a concrete or wood floor, leaving a ½" (13mm) dam inside and outside the unit, for easy wheelchair access. The reason the threshold has to be built at 2 ½" is to allow for the slope of the floor and the shower drain recess: the bottom of the drain is almost level with the bottom of the threshold.

There are a number of different ways to install these units to get the desired height. These are dependent on the type of construction and preferences of the architect or builder. Here are a few suggestions, based on methods we have experienced.

1. On all-concrete construction, a 2" step is poured, and the unit is installed up to the edge of this step.
2. Again on concrete, the unit is installed on a level floor, and an additional 2" floor is poured up to the edge of the unit. In some cases this additional floor itself is sloped towards its own drain.
3. Another choice with concrete is to install the unit on a level floor, then add a small concrete ramp up to the edge of the threshold. This requires less concrete work.
4. With wood floors, a 2" step-down can be built in prior to installation.
5. Alternatively, the floor is built up outside the unit after installation. (This might create a level problem, in that, the bathroom floor is then elevated above adjoining hallways, and is not recommended.)
6. Build a wood ramp up to the edge of the shower, which can be tiled over or matched to the rest of the floor covering.
7. Provide a removable wood ramp.

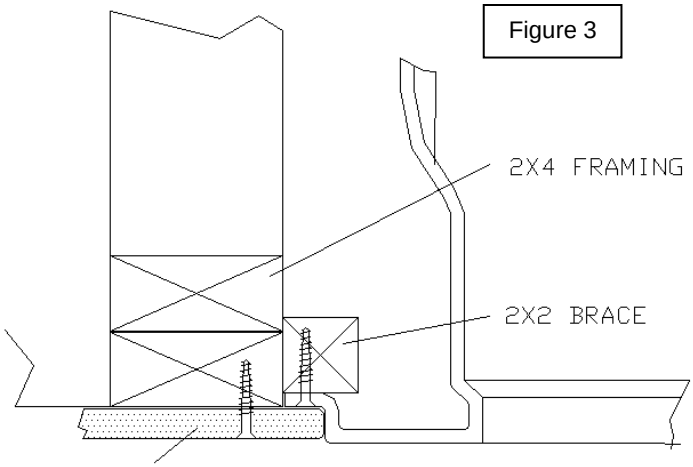
The unit itself is supported by attaching the nailing flanges on the side and top to the same style of framing pocket as a standard unit. But with these institutional models for wheelchair use, where the floor is subjected to higher point loading than normal, we recommend that the floors be set onto a bed of mortar or grout. This gives a more solid feel.

ROUGH-IN

A) FLUSH FACE INSTALLATION – METHOD 1
(Figure 3)

1. Build a framed pocket to the appropriate size, shown in the table of dimensions under Framing Pocket Sizes, using wood or steel studs. This pocket must be square and true.
2. 2 x 2 braces are set back approximately ⅜" (the thickness of the flange) from the front edge of the framing pocket. This brace acts as a stop for the flanges and lines up the front face flush with the 2 x 4 studs, ready for drywalling.

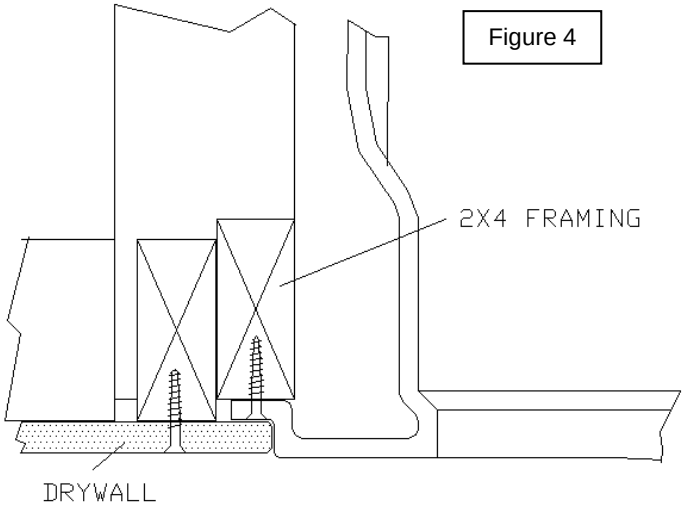
Figure 3



B) FLUSH FACE INSTALLATION – METHOD 2
(Figure 4)

1. Where space is limited, the width of the framing pocket can be reduced by 3 ¼" (83mm), by constructing the ends of the pocket as shown.
2. NOTE: If using this method, remember to reduce measurement E for the drain location by 1 ⅝" (41mm.)

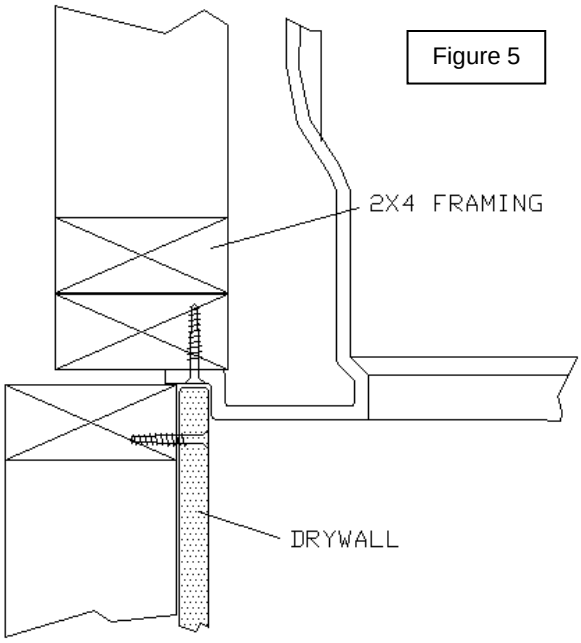
Figure 4



C) RECESSED CORNER INSTALLATION
(Figure 5)

1. Fig 3 shows a plan view of an installation against an end wall or corner. This method can be used at both ends, where the showerbath has to be installed between two walls.
2. In this type of installation the pocket width dimension B will have to be reduced accordingly.

Figure 5



INSTALLATION

1. Once you have built the framing pocket, locate the correct position for the centre of the drain (measurements D and E.)
2. Cut out floor, leaving clearance for final positioning and hook-up. (We suggest an 8 x 14" hole for tub/showers and a 4 ¾" diameter hole for a shower.)
3. Rough in supply line, but do not strap.
4. Mark unit for location of mixing valve, showerhead, etc. and drill the appropriate size hole with a hole saw, from the inside of the unit.
5. Slide showerbath into place, plumb and level side-to-side and front to back, shimming where necessary.
6. When satisfied with fit, fasten the unit to 2 x2 or 2x 4 studs with #8 – 1 ½" flat head wood screws (or sheet metal screws into metal studs), through predrilled holes in the flanges. Additional holes may be drilled with a standard drill bit and counter bore. DO NOT NAIL INTO FLANGE, AS IT MAY CRACK THE UNIT.
7. Make final connections with water supply lines and drain in accordance with local codes, caulking all fittings with water-resistant sealer.
8. Finish installation of drywall, or other wall covering, up to edge of drywall recess, as shown in Figs. 2, 3 or 4.
9. We suggest a piece of clean cardboard be placed in the bottom of the unit to protect the floor during construction: once installation is completed, we recommend taping the polyethylene cover, which came with the unit, over the front face to protect it until ready for final clean up.

WHIRLPOOL \ BUBBLEAIR™ INSTALLATION INSTRUCTIONS

WARNING! When using electrical products, basic precautions should always be followed, including the following:

DANGER: RISK OF ELECTRIC SHOCK. Grounding is required. The unit should be installed by a qualified service representative. An equipment grounding terminal is provided in the field wiring compartment. To reduce the risk of electric 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. The wiring must be installed by a qualified electrician and in compliance with all applicable National, State, or Provincial Electrical Code requirements, through a ground-fault circuit-interrupter (GFCI) of the Class A type.

An independent branch circuit c/w GFCI is required for the following option:

Whirlpool Pump: 120V – 60Hz – 7.0A Air button controlled

ALWAYS INSTALL TO PERMIT ACCESS FOR SERVICING.

WARNING:

- Pumps must be installed on the factory provided mountings to ensure correct height for priming and draining.
- Access to the pump and electrical components must be provided to allow for installation and maintenance. Access must be provided. *(Recommended size 9 ½"x18")*
- Do not lift by any of the plumbing or electrical components. Handle carefully to avoid damage to pump, piping or fittings, or electrical components.
- All units are factory tested for operation and leaks, but **must** be checked for leaks, etc. before being finally closed in, or tiled.
- Before filling the tub for the first time, remove all construction waste and foreign materials.
- Rinse the tub out with clean water before activating the pump, to avoid introducing contamination or grit into the piping and pump.
- Building materials and wiring should be routed away from the pump body or other heat-producing components.

USER CARE & MAINTENANCE INSTRUCTIONS

- The following hints on care and maintenance are offered to assist you in keeping your tub or shower in "as new" condition.
- **Normal Care:** A quick sponge-down with warm water and a liquid detergent such as Mr. Clean, Fantastic, or Lysol Tub and Tile Cleaner will take care of most cleaning needs. In areas where the water is hard, more frequent cleaning will be necessary to avoid a build up on the surface. We recommend that a good quality car or boat wax be applied occasionally – this will preserve the gloss and will make cleaning easier.
- **Stains:** For stubborn stains, start with a liquid detergent; if this does not work, try a mild powder detergent such as Spic and Span, which also works well for removing heavy soap film. Cleaning pads made of nylon, saran or polyethylene and containing no abrasives may be used. Do not use abrasive scouring powders or metal scouring pads – they can permanently damage the finish. A mild abrasive action can be accomplished with an automobile type of rubbing compound – there are several types available, both coarse and fine. The fine ones take a little longer to remove a stain, but they do not dull the surface as much.
- **Dull Areas:** Should your stain removal result in a dull area, the shine can be restored with an automobile cleaner wax, such as Turtle Wax.

- **Paint Splashes:** A quick wipe with mineral spirits, turpentine or Polyclens and then a wash with water will remove paint. **Do not use paint remover or stripper, as these contain solvents which could permanently damage the surface.**
- **Things to Avoid:** Sand and grit. Dropped tools.
- **Damage:** Should your unit suffer accidental damage, it is quite possible that it can be repaired by a qualified repairperson. Consult your plumber, wholesaler or a Hytec Sales Agent.

WARNING! Any problems or damage to jetting or electrical components should be performed by a qualified service representative.

HYTEC
A KOHLER COMPANY

LIMITED 5 YEAR WARRANTY

All acrylic and gelcoat products manufactured by Hytec are covered by a 5-year warranty from the date of sale to the original owner. This warranty does not cover materials and component parts manufactured by others (such as pumps, jets, pipes, and fittings), which are subject to warranties offered by their original manufacturers. Hytec Plumbing Products warrants to the purchaser of each Hytec product that such product will at time of sale be free from defect in material and workmanship, and that Hytec will at its option repair the original unit or supply an equivalent unit in exchange, such exchange to be F.O.B. at Hytec warehouse. Hytec shall not be responsible for shipping, handling, or installation damage; or any expense of removal, transportation or installation of any original or exchange unit. Under no circumstances will Hytec Plumbing Products assume liability for consequential damages or labour charges resulting therefrom.

This warranty is non-transferable and shall be voided if the unit is removed from its place of initial installation or is not installed in accordance with the manufacturer's instructions. Further, this warranty does not apply if the unit has been subjected to accident, abuse, misuse, damage caused by flood, fire or act of God, or if the unit or the plumbing fixtures used in connection with it are not installed in compliance with local codes and ordinances. Any modifications or alterations to a unit, without prior authorization from Hytec Plumbing Products, or the installation of therapy jets by anyone other than Hytec Plumbing Products, will void all warranties. This includes the installation of steam generators.

HYTEC'S LIMITED WARRANTY OBLIGATIONS ARE EXPRESSLY LIMITED TO THOSE SET FORTH HEREIN, AND ARE IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. THE LIABILITY OF HYTEC TO THE BUYER WITH RESPECT TO THE SALE OF A UNIT SHALL BE LIMITED TO REPAIR OR REPLACEMENT AS PROVIDED HEREIN TO A MAXIMUM OF THE PURCHASE PRICE OF THE RELEVANT UNIT AND DOES NOT INCLUDE ANY COST OF REMOVAL OR REINSTALLATION OR CONSEQUENTIAL DAMAGES OF ANY KIND.

To obtain warranty service, contact Hytec Customer Service at **(800) 871-8311** or **(250) 546-3067**, or email **hytec.customer.service@kohler.com**. Please have ready all pertinent information regarding your claim, including a complete description of the problem, the product, model number, serial number and a copy of your original invoice. If the serial number is not available, please provide a digital photo of the unit.

Authorized Service Representatives for Hytec have been thoroughly trained to perform both in and out of warranty repairs to Hytec products. Through this training, they are familiar with the Hytec Warranty Policy. If in the opinion of the Authorized Service Representative, the service required is not within the scope of the Hytec Warranty Policy, they will advise you before beginning the work. Should this occur, payment of all invoices related to the service is the responsibility of the consumer. If the problem can be attributed to incorrect installation, please contact your installing contractor. Should there be a difference of opinion pertaining to warranty coverage between the Authorized Service Representative and the consumer; clarification will be provided by Hytec Customer Service.

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Please visit our website http://www.hytec.ca to find your local representative contact information.

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