



Owner's Manual

Congratulations!

You have selected the world's finest shower door or tub enclosure. Since inventing the frameless shower door in the 1950's, Holcam has been known for its unequivocal quality. Holcam doors are constructed from tempered glass, durable hardware and the finest brass, stainless steel and aluminum in heavy gauges to ensure a lifetime of virtually trouble-free, worry-free use. We have over eight million doors worth of experience. This gives us the confidence to say that you will enjoy your Holcam shower/tub enclosure for many years. Here are a few tips to help you care for and clean your Holcam shower door or tub enclosure to keep it looking new. Holcam, Built to Last a Lifetime!

Care & Cleaning

Glass Care

Holcam provides the following information for proper cleaning and care of your enclosure. Squeegeeing the glass frequently, then drying with a soft cloth is highly recommended. Using a squeegee after each shower helps keep spots and scale from accumulating on glass components. You should avoid abrasives, bleach, acidic or vinegar based cleaners and scrubbing pads. Read labels on cleaning products thoroughly before using. If your glass is coated or treated with surface protectants, follow the instruction on the labels attached to the glass.

Aluminum, Brass and Stainless Steel Components

- Silver, Matte Black, Brushed Nickel, Satin Silver, Gold and Oil Rubbed Bronze (ORB) -

Most of the silver, gold, brushed nickel or satin silver metal components of your shower door are anodized aluminum or electroplated brass or stainless steel. Aluminum is a lightweight, non-rusting metal which is anodized to give color and to make shiny. Anodizing also seals the aluminum to guard against corrosion and pitting. Electroplating is a process similar to anodizing. Some glass and lime scale cleaners can damage anodizing and electroplating, causing pitting or discoloration. You can permanently damage the metal's finish if improper cleaning compounds containing alkaline and phosphoric acids are used. The result can be the appearance of white spots and discoloration. Many products' labels warn against use on anodized and plated metals. Read labels on cleaning products thoroughly before using on your shower door. Drywall, spackle and tile grout, which contain lime, can also spot metal and glass surfaces.

"Powder-coated" Metal Finishes

- Matte Black, Oil Rubbed Bronze (OPC), White, Black, etc. -

If your unit is not an anodized/electroplated colors listed above, it is probably painted via a "powder coat" process. The powder-coat surface is very durable, but it can scratch or chip. If a scratch occurs, please seal it with a matching paint from your local paint or big box store or clear fingernail polish. Guidance for cleaning powder-coated metal is the same as anodized/electroplated metal.



MM.6409 Holcam Owner's Manual



READ ENTIRE MANUAL BEFORE INSTALLATION AND OPERATION

Warnings and General Shower Door Information



**SAFETY
WARNINGS:**



READ AND FOLLOW INSTRUCTIONS: Failure to follow all instructions, warnings and guidelines may result in serious injury or death, may cause water damage, and will void the terms of your warranty.

General Safety and Installation Policies

Before Installation:

- **Proper Size:** Ensure the enclosure is the proper size for your opening prior to beginning installation.
- **Safe Installation:** Some units may require two or more people to safely install the enclosure properly.
- **Packaging:** It is recommended to retain all packaging and other materials until installation is complete in the event of a return.
- **Inspect:** Installer should inventory all parts or components and inspect them for damage prior to beginning installation.
- **Sharp Edges:** Exposed ends of aluminum and other hard components can be rough, sharp or jagged due to the processes of cutting, drilling, notching, etc. Sharp ends must be deburred, smoothed or rounded by the installer before installation.
- **Safety equipment and tools:** Have all necessary safety equipment (glasses and gloves) and proper tools for the installation. The installer is responsible for determining the correct drill bit(s) for the installation.
- **New Tile:** We recommend that you allow at least 2 days (48 hours) for the tile cement and grout to dry before installing enclosure.

During Installation



- **Proper backing:** Shower doors are heavy. Therefore, glazing channels, fillers, hinges and headers blocks (structural components) should be secured to studs or solid backing beneath the tile or decorative substrate. Fasteners should screw directly into the backing. Wall anchors are provided primarily to separate screws from tile to reduce the possibility of cracking.

- **Tempered glass:** Glass can break. Shower door panels are tempered to ASTM C1048 specifications as required by building codes. Glass is tempered to greatly increase its strength and to make it fragment into smaller and lighter pieces reducing the possibility of injury in the event that the glass does break. Tempered glass will break and may cause bodily injury if you attempt to cut, drill, mill or alter it in any way. Care must be taken when handling tempered glass. Pay special attention to protect all edges of the glass from contact with hard surfaces.

- **Horizontal surfaces and installation holes:** Avoid drilling into the horizontal surfaces of tubs or showers unless it is required for the structural integrity of the unit. If you drill into horizontal surfaces, always generously caulk the holes, anchors, screws and on top of the screw head. If this is not done, or is done improperly, water damage can occur under the tile or substrate.

- **Weep holes in horizontal channels:** Drilling 3/8" weep holes on the inside of horizontal channels is recommended to allow any moisture build-up inside a channel to exit the channel. Due to varying installation conditions and installer's/owner's personal preference, however, we do not drill them in the factory.

- **Sliding and swinging glass doors:** A door may be improperly installed if it hits or scrapes against bathroom obstructions (toilets or cabinets) or any metal or glass components of the shower door itself. This could lead to glass breakage or serious injury. The installer must correct the deficiencies before allowing the door to be used.

- **Surface conditions:** Most shower door designs allow for out-of-square or unlevel installation. Generally, any outage more than 3/8" that was not identified during the ordering process is outside of these allowances and can result in an improper installation.

Caulking/Siliconing the Unit:

- Always clean all contact surfaces before caulking and use a high grade 100% silicone for best results.
- After installation, at a minimum, caulk the entire outside perimeter of the unit where the unit touches walls, sills, and step-ups, etc. Also caulk any vertical joints between metal components where water build-up inside of the channels could leak out.

After Installation:

- **Curing times:** Adhere to manufacturers' recommended curing times for VHB tapes, silicones and any other adhesives, coatings or chemicals used during installation. Unless otherwise stated, it is recommended to wait 72 hours before using the enclosure.
- **Normal wear and tear:** Although these enclosures are designed to last for years, certain items (such as the polycarbonate seals and door sweeps) may need to be replaced as they show signs of aging and wear.

General Disclaimers

- **Shower Doors are not watertight:** Consumers should understand that a shower door is not watertight. The amount of water that can escape your shower can vary greatly based on shower/tub size, configuration of shower head(s), type of thresholds and drains and by the type of shower door itself. Heavy glass units with no or limited vinyl seals, for example, can allow water to escape under normal conditions. Doors with more metal and seals generally provide more water protection. Excessive water pressure or directing shower heads or hand held sprays directly at doors or joints is not a normal shower conditions and can result in leaks.

- **Towel bars, handles and accessories** are in no way considered to be grab bars or other bracing or fall prevention mechanisms. The intent of these accessories is to facilitate proper operation or enhance the esthetics and functionality of the unit.

Installation Instructions

Refer to your installation instructions provided with your unit for proper installation. If a copy of the installation manual was not included, you can download one on the RESOURCES page of our website.

Questions or Comments:

1-800-843-3332

Holcam Warranties

Residential Use Limited Lifetime Warranty

Holcam Bath and Shower Enclosure extends a Limited Lifetime Warranty on products supplied to dealers and residential customers:

- Hartung Glass Industries warrants the Holcam Bath and Shower Enclosures Limited Lifetime Warranty pursuant to the Hartung Glass Industries Standard Warranty available at www.holcam.com/warranty
- Purchaser must complete online registration within 30 days of purchase. To activate warranty go to www.holcam.com/warranty and click "Register On-line"

Commercial Use Limited Warranty

The warranty period for products installed for commercial applications or used in commercial ventures, including but not limited to motels, hotels, casinos, student housing, condos, apartments, and fitness centers, is a one (1) year limited warranty from the date of purchase for shower doors, bathtub doors, shower enclosures. Holcam Bath and Shower Enclosure extends this Warranty on products supplied to dealers and commercial customers, in that Holcam:

- Hartung Glass Industries warrants the Holcam Bath and Shower Enclosures Commercial Use Limited Warranty pursuant to the Hartung Glass Industries Standard Warranty available at www.holcam.com/warranty
- Purchaser must complete online registration within 30 days of purchase. To activate warranty go to www.holcam.com/warranty and click "Register On-line"

Installation Instructions

**For a copy of the installation instructions,
please visit www.holcam.com, call or email
(see contact information below)**

Failure to follow all instructions, warnings and guidelines may result in serious injury or death, may cause water damage, and will void the terms of your warranty.

Contact Us

Seattle: (206) 772-7800
Toll Free: (800) 843-3332
Fax: (206) 772-6016

Register this warranty at www.holcam.com/warranty

