

# TRADITIONAL, COUNTRY CLASSIC, AND WOODLAND SERIES

## VICTORIAN SCREEN / STORM DOORS

Thank you for purchasing this Victorian screen door, carefully crafted in Canada.  
We want you to enjoy your door for many years to come, so please take a moment to read these instructions.

**Why good painting is important.** All wood products absorb and lose moisture, depending on humidity & temperature. The wood will swell and shrink as this happens. This is normal. A good paint system slows the process down so that any movement is very gradual, allowing the wood to gently move without creating stresses which can crack the wood or joints. Your door is made from kiln dried wood. If it's not protected and it's allowed to get damp, it will want to absorb moisture and swell. Movement of 1/8" - 3/16" in width is to be expected, which is why a minimum 1/8" gap should be left around the top and sides, 3/8" under the door, when installing. Movement greater than this indicates a problem with the painting system.

**The location of your door.** Doors exposed to direct sun and rain will need more care and coats of paint during initial painting, and more ongoing maintenance than doors protected by an overhanging porch or roof. Staining, rather than painting, a door in an exposed location may not be suitable. Doors used for other purposes, such as panelling in a screened-in porch, must be mounted with an open air gap underneath to ensure that the door does not sit in moisture.

### UNPACKING THE DOOR

Before proceeding, check that the door is the correct size for your opening. Inspect the door for any defects. Doors that have been cut, drilled or painted cannot be exchanged by your dealer.

### INSTALLATION PROCEDURE

- 1/ The door can be trimmed to fit the frame by up to 3/8" either side, 1" on the top rail and 1 1/2" on the bottom rail. There should be a gap of **at least 1/8"** between the door and frame on all sides. Do all the trimming to size before painting the door.
- 2/ Use three 3" butt hinges to hang the door. These will need morticing into the door and frame. Spring loaded hinges are not recommended. Although easier to install, they will slam the door. These doors are solidly constructed and quite heavy, which is why we recommend butt hinges, used with a pneumatic closer. Hardware kits are available.
- 3/ **Traditional Series Doors only;**- The screen or optional storm is removed by unscrewing the hinge side of the wood screen moulding, opening the door and sliding out the panel. If the door cannot be opened far enough for this, simply remove the top moulding as well.

**Country Classic & Woodland Series Doors only;**- Remove the packing holding the screen to the door, attach the screen using the supplied turn buttons.

### FINISHING YOUR DOOR

Please take the time to do it right, we want you to enjoy your door for many years to come ! If the first coat of paint or stain is not correctly chosen and properly applied, subsequent coats are liable to peel off in time.

- 1/ **Choice of paint.** To validate your warranty, you must use a good quality oil based exterior primer. Finish with a high quality 100% acrylic or oil-based topcoat. If staining, apply at least 3 coats of sealer over the stain. High weather exposure locations may make staining unsuitable. Paints such as deck stains and latex allow moisture to pass into and out of the wood more rapidly, causing the wood to expand/shrink too fast, stressing the joints and possibly leading to failure of the paint finish or door itself. Avoid any paints that say they are "breathable".
- 2/ **Method.** Remove the screen and put the loose piece of screen mould to one side (Traditional Series only). Before starting, make sure the door is free of dust or dirt, sand lightly if required. First (primer) coat should be thinned by 10% or follow paint manufacturers instructions, to allow maximum penetration of the wood. Don't forget the loose piece of screen mould ! Between coats, sand lightly to flatten the surface for the next coat. A full strength primer coat should now be applied, followed by at least two topcoats. Thoroughly cover ALL surfaces, **paying particular attention to the end grain areas at the top, bottom and sides of the door.** Because these areas are not seen, they are sometimes forgotten. Failure to paint these will result in swelling and possible damage to the door **and will invalidate the warranty.**  
*(Pro's Tip; To prevent the paint sticking when re-fitting the screen mould, put a piece of clear adhesive tape on the back)*
- 3/ **Maintenance.** Inspect the door once a year and touch up the finish as necessary. Doors with a bottom panel should be inspected regularly to ensure that the joint between the bottom of the panel and the lower rail of the door is well sealed, preventing moisture from getting in. If expansion/contraction causes the joint to open, caulk and paint.
- 4/ **Problem solving.** If you notice excessive movement in the door, or any sign of cracking in the wood, this is a sign that too much moisture is getting into the wood, caused by lack of paint or incorrect type of paint. Immediately remove the door to a dry location and inspect the door carefully for any areas not properly painted, look underneath! Clean and sand off any loose or damaged paint. Support the door so it won't warp or bend and allow it to naturally dry out. This may take up to 2 weeks depending on drying conditions. Small cracks should be filled with an exterior filler, larger cracks or joints which are open should be filled with an epoxy glue. Sand smooth, then repaint, following the painting instructions.

### GUARANTEE

We use quality kiln dried materials and our workmanship is second to none. We want you to be as proud of your screen door as we are, and so we guarantee the door to be free of manufacturing defects for one full year. Should you have a problem, please contact your dealer for repair or replacement. Please note;-

- ◆ Door must be properly painted or stained on **all** surfaces to validate warranty.
- ◆ A warp or twist of up to 1/4" is not considered a defect.
- ◆ Our liability is limited to repair or replacement of the door. Victorian Balustrade will not be responsible for any installation or finishing costs.

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# **PRE-HUNG SERIES**

## **TRADITIONAL & COUNTRY CLASSIC**

### **VICTORIAN SCREEN / STORM DOORS**

Thank you for purchasing this Victorian screen / storm door, carefully crafted in Canada. We want you to enjoy your door for many years to come, so please take a moment to read these instructions on the installation and finishing of the door.

#### **UNPACKING THE DOOR**

Before proceeding, **check that the door is the correct size for your opening.** Inspect the door for any defects. Doors that have been cut, drilled or painted cannot be exchanged by your dealer.

	<b>FITS DOOR OPENING SIZES:-</b>	
	<b>WIDTH</b>	<b>HEIGHT</b>
32" x 80"	31 3/4" to 32 1/2"	79 1/2" to 80 1/2"
33" x 80"	32 3/4" to 33 1/2"	79 1/2" to 80 1/2"
34" x 80"	33 3/4" to 34 1/2"	79 1/2" to 80 1/2"
36" x 80"	35 3/4" to 36 1/2"	79 1/2" to 80 1/2"
32" x 82"	31 3/4" to 32 1/2"	81 1/2" to 82 1/2"
34" x 82"	33 3/4" to 34 1/2"	81 1/2" to 82 1/2"
36" x 82"	35 3/4" to 36 1/2"	81 1/2" to 82 1/2"

(Custom sizes are also available.)

Check for these parts, supplied with door;-

- |                            |  |
|----------------------------|--|
| 1 - Z-Bar set, (3 pieces). | 1 - Z-Bar Fastening set, ( screws & screw covers)  |
| 1 - Door sweep             | 1 - Hardware set, (Closer, lock-set, safety chain) |
| 1 - Screen                 | 1 - Storm Window                                   |

You may wish to paint or stain your door before installation, if so, please read the section on **Finishing Your Door** first.

#### **TOOLS REQUIRED**

- |                |            |   |        |         |
|----------------|------------|---|--------|---------|
| Electric drill | Drill bits | Tape measure                                | Pencil | Hacksaw |
| Spirit level   | Hammer     | Screwdrivers (Phillips & Robertson #2 & #3) |        |         |

#### **SCREEN/STORM PANEL REMOVAL**

**Traditional Series;-** The wood moulding holding the screen or storm in place is attached with screws on either side and on top. Unscrew whichever side is most convenient and slide out panel. If this is difficult due to hardware being in the way, simply unscrew the top section as well.

**Country Classic Series;-** The screen/storm is held on the door at the sides and top with plastic turn-buttons. There may be wood clips used for shipping purposes. These can be replaced with the turn-buttons.

#### **INSTALLATION PROCEDURE**

**1/** Remove packing material and wood shipping blocks on base of door. Do not remove Z-Bar from door. Remove storm and screen panels

**2/** Measure the height of the opening where the door will be installed. The Z-Bar is left long at the bottom and will require trimming with a hacksaw as required, depending on the height of your opening. If the door sill is angled, cut the Z-Bar at the same angle. There should be at least a 3/8" gap under the door.

In the event that too large a gap would be left under the door, drop the door in the opening, leaving up to 3/4" gap between the header Z-Bar and the top of the door frame.

**3/** Position door (with Z-Bars attached), in door frame. Hinge Z-Bar should be positioned against the frame or wood moulding so that it can be securely attached to the wood. If this will leave too large a gap for the Latch Z-Bar to cover on the other side, it will be necessary to pack the hinge side of the wood moulding with suitable shims, to move the door across to the centre of the opening. If the door is hung on the brick-mould, ensure that the brick-mould is securely attached to the wall.

**4/** Position the door vertically so that the bottom of the door clears the door sill by at least 3/8". Make sure the Header Z-Bar will fit over the wood moulding. If it is too low for the screw fixing holes to be on the wood, it may be necessary to nail on a spacer behind the header, to provide something to screw into.

**5/** Using a level, check that the door is vertical and then fasten the Hinge Z-Bar to the door frame with the screws provided. Use a 1/8" drill bit and the cap screws provided. Drill the holes for the screws in the Header & Latch Z-Bar, but don't install these screws yet.

## INSTALLATION PROCEDURE

Continued.

6/ Open the latch side of Z-bar and door away from the opening just enough to remove the temporary screws holding the latch Z-Bar to the door, take care not to distort the header Z-Bar. Now put in the remaining cap screws to secure all 3 pieces of Z-Bar to the wood frame, checking that you maintain the 1/8" gap between the edge of the door and Z-Bar. Use screw-caps provided on the screw heads.

7/ Use the #6 screws supplied to fasten the inside of the hinge Z-Bar. **Do not distort Z-Bar by over tightening screws.** (These screws do not have caps)

**NOTE 1:** If the existing door frame is not exactly vertical, it may be necessary to shim top or bottom of either of the side Z-Bars in order for the screen door to sit properly on them.

**NOTE 2:** Your screen door is manufactured from kiln dried lumber, it is not unusual for a wooden door to expand slightly when put into service. If the gap between the door and the Latch Z-Bar closes up, remove the header pin, then remove the Latch Z-Bar screws and move it across to provide a 1/8" clearance. (*Pro's Tip: If necessary, plug the old holes with matchsticks and glue to facilitate a new hole next to the old one.*) The header pin does not need to be replaced, it's purpose is to assist in the initial assembly of the door.

**NOTE 3:** The door and frame can be shortened if required. Use a handsaw or circular saw to trim the required amount off the **bottom** of the door, and a hacksaw to shorten the **bottom** of the Z-Bars. The bottom rail of the door should **not** be trimmed to be **less** than 6 1/4" (Traditional Series) or 4" (Country Classic Series).

## INSTALLING THE HARDWARE

1/ Measure 39" up from bottom of the door, mark the frame with a pencil. Make sure that the inside part of the door latch will not interfere with the main door handle. If it does, move the position up or down as required.

2/ Follow the instructions supplied with the hardware, to install the lock, closer & safety chain.

## FINISHING YOUR DOOR

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**The location of your door.** *Doors exposed to direct sun and rain will need more care and coats of paint during initial painting, and more ongoing maintenance than doors protected by an overhanging porch or roof. Staining, rather than painting, a door in an exposed location may not be suitable. Doors used for other purposes, such as panelling in a screened-in porch, must be mounted with an open air gap underneath to ensure that the door does not sit in moisture.*

**Please take the time to do it right, we want you to enjoy your door for many years to come !**

1/ **Choice of paint.** Your door may be painted, or stained, but in all instances use a high quality finish from a reputable supplier, that is recommended for exterior woodwork. The surface must be sealed against water penetration. **Use a good quality latex or oil based primer.** Finish with a high quality oil-based or acrylic topcoat. If staining, apply a minimum of 4 coats of sealant. Stains and varnish require more maintenance and do not stand up in exposed weather conditions.

2/ **Method.** Remove the screen or storm, and put the loose piece of screen mould to one side, (Traditional Series only) Before starting, make sure the door is free of dust or dirt, sand lightly if required. First (primer) coat should be thinned by 10% or follow paint manufacturers instructions, to allow maximum penetration of the wood. Don't forget the loose screen mould!

Between coats, sand lightly to flatten the surface for the next coat. A full strength primer coat should now be applied, followed by two topcoats. Thoroughly cover **ALL** surfaces, **paying particular attention to the end grain areas at the top, bottom and sides of the door.** Because these areas are not seen, they are sometimes forgotten. Failure to paint these will result in swelling and possible damage to the door **and will invalidate the warranty.**

(**Pro's Tip;** If the paint is still fresh when re-fitting the screen mould, it may possibly stick when next trying to remove it. To prevent this happening, put a piece of clear adhesive tape on the back before screwing it in place on the door.)

3/ **Maintenance.** Inspect the door once a year and touch up the finish as necessary. Doors with a bottom panel should be inspected regularly to ensure that the joint between the bottom of the panel and the lower rail of the door is well sealed, preventing moisture from getting in. If expansion/contraction causes the joint to open, caulk and paint as necessary.

## GUARANTEE

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- ◆ Door must be properly painted or stained on **all** surfaces to validate warrantee.
- ◆ A warp or twist of up to 1/4" is not considered a defect. (Adjustment of frame can accommodate this)
- ◆ Our liability is limited to repair or replacement of the door. Colonial Elegance will not be responsible for any installation or finishing costs.

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