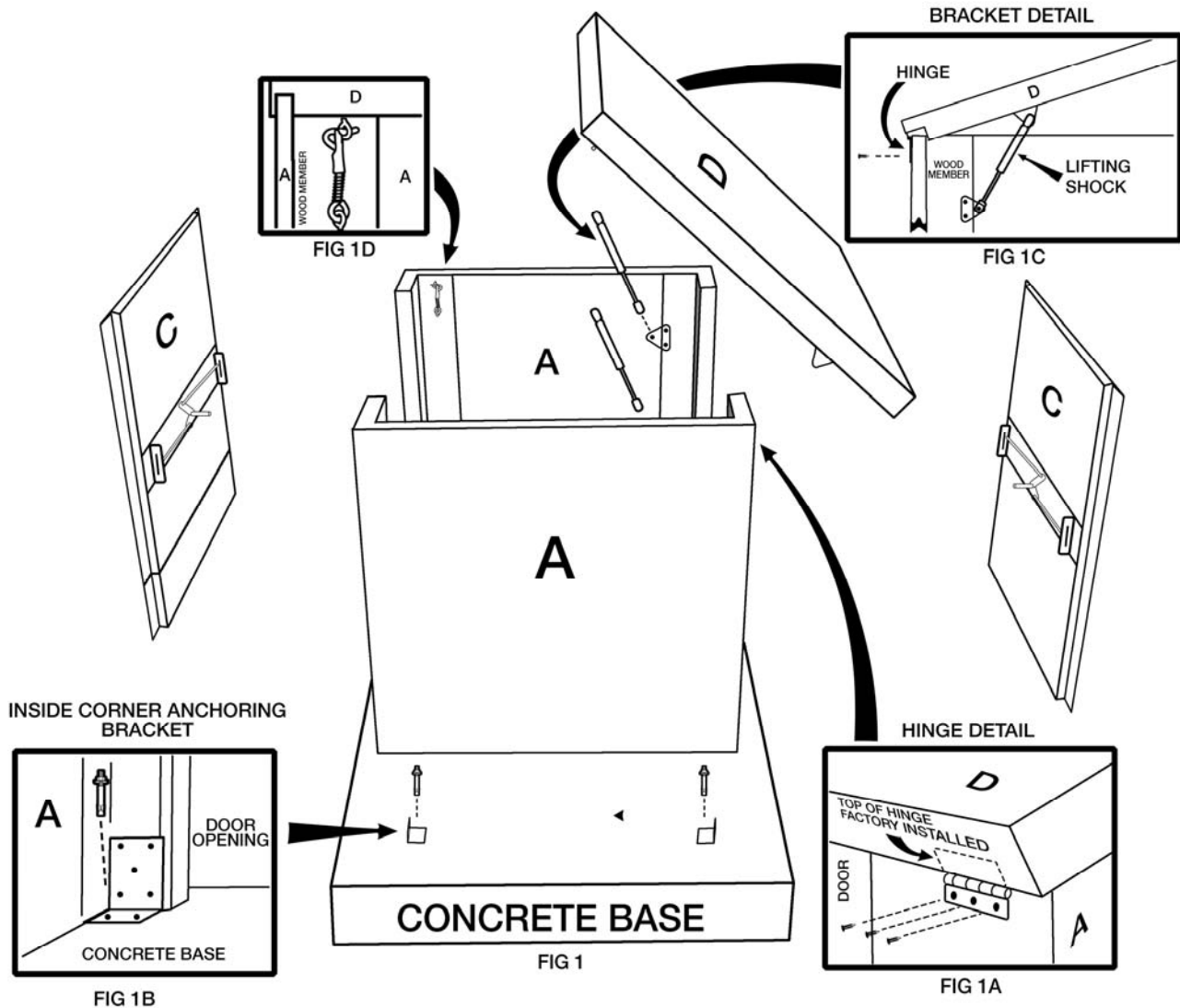


## ASSEMBLY INSTRUCTIONS – PLEASE READ CAREFULLY

Model No.	Inside Dimensions	Outside Dimensions	Concrete Pad Dimensions
400LU880	32"W X 36"L X 44"H	35 3/4"W X 39 1/8"L X 47 1/4"H	46"W X 50"L X 6" Thick
400TLU880	36"W X 36"L X 44"H	39 3/4"W X 39 1/8"L X 47 1/4"H	50"W X 50"L X 6" Thick
600LU880	36"W X 38"L X 48"H	39 3/4"W X 41 1/8"L X 51 1/4"H	50"W X 52"L X 6" Thick
600TLU880	44"W X 38"L X 48"H	47 3/4"W X 41 1/8"L X 51 1/4"H	58"W X 52"L X 6" Thick
800LU880	44"W X 44"L X 52"H	47 3/4"W X 47 1/8"L X 55 1/4"H	58"W X 58"L X 6" Thick
800TLU880	54"W X 44"L X 52"H	57 3/4"W X 47 1/8"L X 55 1/4"H	68"W X 58"L X 6" Thick
800TLU880M	58"W X 54"L X 60"H	61 1/8"W X 57 1/8"L X 63 1/4"H	68"W X 72"L X 6" Thick
1000LU880	48"W X 48"L X 56"H	51 3/4"W X 51 1/8"L X 59 1/4"H	62"W X 62"L X 6" Thick
1000TLU880	64"W X 48"L X 56"H	67 3/4"W X 51 1/8"L X 59 1/4"H	78"W X 62"L X 6" Thick
1000TLU880M	63"W X 57"L X 62"H	66 3/4"W X 60 1/8"L X 65 1/4"H	77"W X 71"L X 6" Thick



1. **Do not remove the PVC masking film** until the enclosure is fully assembled. The PVC masking film will protect the finish of the metal panels during installation.
2. The concrete base should be 6” thick, 14” longer than enclosure ID and 14” wider than enclosure ID. Please note that the concrete base should be level, or the access panels may be difficult to install.
3. Mark the concrete base for the **outside** of the enclosure using the dimensions in the table above. **See important notice in step 4 before marking.**
4. **Important Notice** - if the enclosure will be installed over an N pattern backflow assembly with OS&Y gate valves: Place one “A” PANEL side of the enclosure 1” from the fully open OS&Y gate valve STEM. This will allow room for the check valves to be serviced in the “C” PANEL OPENING. Once one side of the enclosure is placed 1” from the fully open OS&Y gate valve STEM, continue to assemble the enclosure by following the directions below.
5. Place the other A panel on the concrete pad opposite the “A” panel in step 4. Measure and verify the Outside Dimension of these A panels matches what is noted in the table above.
6. Set “D” (roof) panel on “A” (end) panels.
7. Temporarily place one “C” (access) panel opposite hinged side of “D” (roof) panel. Square the enclosure.
8. **IMPORTANT!** From inside the enclosure, inspect the alignment of the “D” (roof) panel where it meets the “A” panels to ensure that “A” panels are placed securely within the “D” (roof) channel. Fasten “D” (roof) safety hooks before connection of the “D” (roof) to the “A” panels.
9. Fasten “D” (roof) panel to “A” (end) panel by attaching the roof hinges to “A” (end) panels with three (3) screws provided. (Fig 1A)
10. Remove “C” (access) door panel.
11. **IMPORTANT!** THE “D” ROOF PANEL MUST BE CONNECTED TO THE “A” PANELS BEFORE ANCHORING ENCLOSURE TO THE SLAB.
12. **IMPORTANT!** Fasten each Inside Corner Aluminum Anchoring Brackets to the “A” panel with hex head screws as shown in Fig. 1B, then fasten to concrete base with anchors provided.
13. Release safety hooks and raise roof. Snap lift shocks onto brackets by snapping the shock socket over the ball of each bracket. (Fig 1C) **Be sure the cylinder end of the shock is attached to the roof.**

14. Fasten roof on the inside with safety hooks. (Fig 1D)
15. Place “C” (access) door panels and lock in place.
16. For maximum protection it is suggested that the area between the bottom of the enclosure and the concrete base be caulked with the exception the “C” panels. **DO NOT CAULK THE BOTTOM OF THE “C” ACCESS DOOR PANELS.**
17. Provide ground-fault interrupter device in electrical circuit according to applicable codes. Install heater, if applicable, as per manufacturer's instructions and governing local and national codes.
18. **REMOVE MASKING FILM IMMEDIATELY AFTER INSTALLATION.**  
If these panels get wet when the film is still on, water will irreversibly stain the panels.  
Summertime heat will bake the film on the panels.

## **CONTENTS**

### **1. Assembly parts included:**

- A. 2- "A" (end) Panels
- B. 1- “C” (drain door) Panel
- C. 1- “C” (solid access) Panel
- D. 1- “D” (roof) Panel
- E. 4- Inside Aluminum Corner Anchoring Brackets  
(6 for 800TLU880M and 1000TLU880M)
- F. 2- Lifting Shocks
- G. 4- Anchor Bolts  
(6 for 800TLU880M and 1000TLU880M)
- H. 1 Package of Hexhead Screws
- I. 1- Masonry Bit (1/2" x 4")
- J. 1- Magnetic Chuck (5/16")

### **2. Tools needed:**

- A. Hammer
- B. Drill
- C. ¾” Wrench
- D. Hammer Drill