TOP VIEW

SECTION A–A

BOX CONSTRUCTION

USE 3/4" [1.9cm] MARINE GRADE OR CONCRETE FORM PLYWOOD WITH EDGES COATED UNLESS OTHERWISE SPECIFIED
36" [91cm]

3/4" [1.9cm] PLYWOOD WITH 3/8" [1cm] RABBET, 3 SIDES AS SHOWN

TOP VIEW

LID — 2 REQUIRED

3 1/2" [8.3cm]

3/4" [1.9cm] PLYWOOD 15 1/2" [40cm] LONG

3/4" [1.9cm] SLOT DEPTH

1/8" [0.8cm] SLOT WIDTH

DOOR GUIDE — 4 REQUIRED
INSTALL CHUTES SO THAT CURVATURE EXTENDS DOWNWARDS OFF VESSEL

TOP VIEW

SECOND CHUTE AND HOSE NOT SHOWN

INNER TUBE WITH SLIT FOR PVC HOSE AT ENTRY END

USE TRUCK INNER TUBE 1000-20" SIZE OR EQUIVALENT
CUT LENGTH TO SUIT VESSEL
SCREW TO DOOR GUIDES (INCLUDING BOTTOM)
WHERE THEY EXTEND FROM BOX

RELEASE CHUTE
1 3/4" [4.5cm]  

1 1/2" [3.8cm] DIA. FINGER HOLE  

1/4" [0.6cm] CLEAR ACRYLIC OR EQUIVALENT (MUST BE TRANSPARENT)  

WATER INLET  

ALTERNATE:  
USE 1" [2.5cm] HOSE BARB x 3/4" [1.9cm] FEMALE THREAD  
90 DEG. PVC ELBOW (SPEARS) CONNECTED TO THROUGH-HULL  

7 1/8" [18cm]  

15 1/2" [40cm]  

1" [2.5cm] HOSE ADAPTER (HOSE BARB x THREAD)  

1" [2.5cm] PVC 90 DEG. ELBOW (THREAD x THREAD)  

1" x 3/4" [2.5cm x 1.9cm] PVC REDUCER BUSHING (THREAD x THREAD)  

3/4" [1.9cm] NYLON THROUGH-HULL FITTING  

FLANGED NUT  

BARB END CUT OFF (NOT USED)  

NYLON THROUGH-HULL FITTING  

EXPLODED WATER INLET  

* NOTE:  
CRITICAL DIMENSION FROM CENTER OF INLET TO BOTTOM OF DOOR = 1 3/4" [4.5cm]  

\( \varnothing = \text{CENTERLINE} \)  

**DOOR AND WATER INLET - 2 REQUIRED**
BAFFLE
1/2 SECTION OF
4" [10cm] PVC PIPE
12" [30cm] LONG
FASTENED TO BOX
WITH S.S. SCREWS

TOP VIEW

OPTIONAL THROUGH-HULL ADAPTER

SIDES OF BOX CUT AWAY FOR CLARITY

1 1/2" DIA. [3.8cm] OUTLET HOLE

2" [5cm] NYLON THROUGH-HULL (OPTIONAL)

NOTE: BOX OUTLET SHOWN WITH OPTIONAL THROUGH-HULL ADAPTERS FOR USE WITH DRAIN HOSES

S.S. = STAINLESS STEEL
C = CENTERLINE

BOX OUTLET
**NOTE:**
HOOK AND GUSSET SHOWN ARE FOR OUTSIDE RAIL APPLICATION ON DECK APPLICATION DOES NOT REQUIRE HOOK OR GUSSET PLATE

**ALUMINUM BRACKETS — 2 REQUIRED**