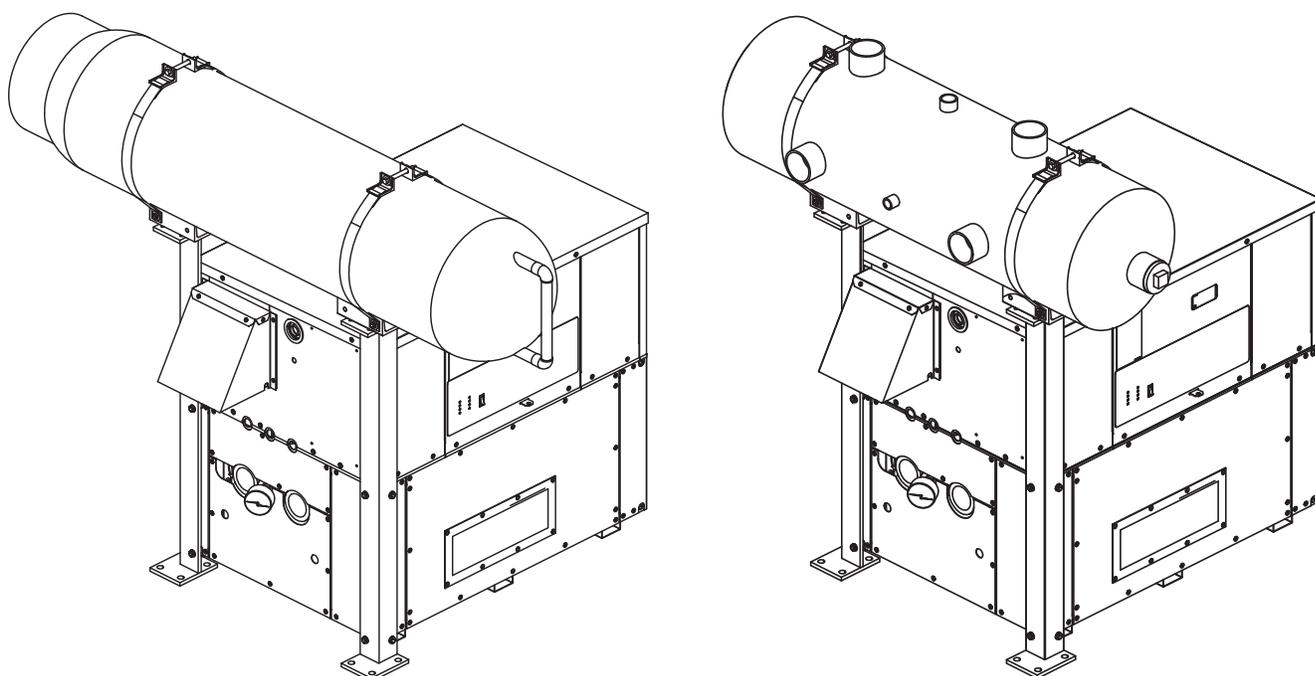


INSTALLATION INSTRUCTIONS

Expansion/Buffer Tank Mounting Kit



**For Hi Delta Models
302A-2342A & 302B-2342B**

Raypak[®]
A Rheem[®] Company

KIT CONTENTS

Models 302–902

Qty	Part Number	Description
1	074520	Leg Assy, Rack
1	074521	Leg Assy, Rack
2	402183	Channel, Tank Support
2	951383	Strap, Expansion Tank
4	550008	Washer, Flat 3/8 USS
4	550265	Screw, HX Head, 3/8-16 X 5/8
12	550136	Washer, Lock 3/8
8	550730	Spacer-RD, .406 X .65 Steel
4	401665	Angle - Spacer ("L" bracket)
12	550266	Screw, HX Head, 3/8-16 X 1-1/2

Table A: Kit Contents, Models 302–902

Models 992–2342

Qty	Part Number	Description
1	074396	Leg Assy, Rack
1	074395	Leg Assy, Rack
2	402183	Channel, Tank Support
2	951383	Strap, Expansion Tank
4	550008	Washer, Flat 3/8 USS
4	550265	Screw, HX Head, 3/8-16 X 5/8
12	550136	Washer, Lock 3/8
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4	401665	Angle - Spacer ("L" bracket)
12	550266	Screw, HX Head, 3/8-16 X 1-1/2

Table B: Kit Contents, Models 992–2342

NOTE: These instructions are intended for use by qualified personnel specifically trained and experienced in the installation of this type of heating equipment and related system components. Installation and service personnel are required to be licensed in some states. Persons not qualified shall not attempt to install this equipment nor attempt repairs according to these instructions.

Anchoring Information

For reference only. It is recommended that you match the drill on the job site. Use a minimum of two screws ½" X 5", A-307 Grade 5.2 or equivalent. Use Hilti® HY-150 adhesive to secure expansion anchor.

Approved for all installations.

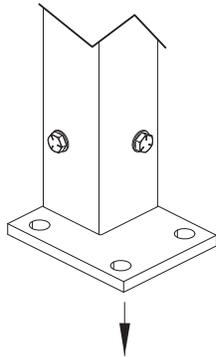
INSTALLATION

READ COMPLETELY BEFORE ASSEMBLING.

NOTE: Prior to installing the boiler, assemble the mounting kit to the boiler chassis. Clearance is required on all sides for the assembly process.

1. Remove the left and right panels from the front and rear of the heater.
2. Remove the 4 plastic plugs from the heater corners and 4 from the heater mid-sections at the water connection end of the heater.
3. Place one leg at each corner of the heater as shown in Fig. 1.

VIEW OF BOTTOM RIGHT FOOT



THESE CORNERS WILL ALWAYS FACE OUTWARDS

Fig. 1: Rack Leg

4. Place one "L" shaped mounting bracket inside of the heater at each corner as shown in Fig. 2.

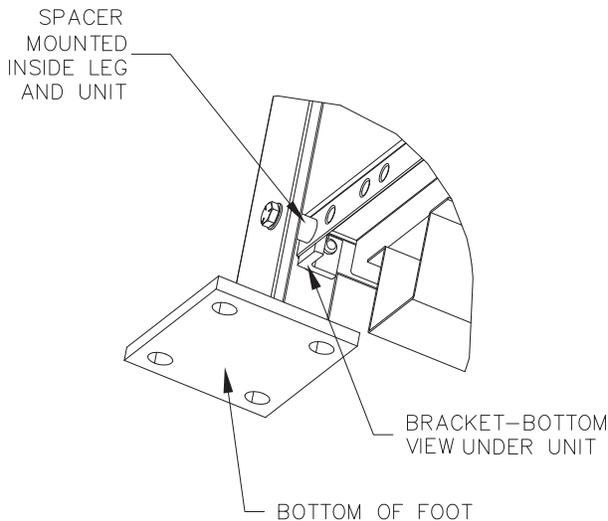
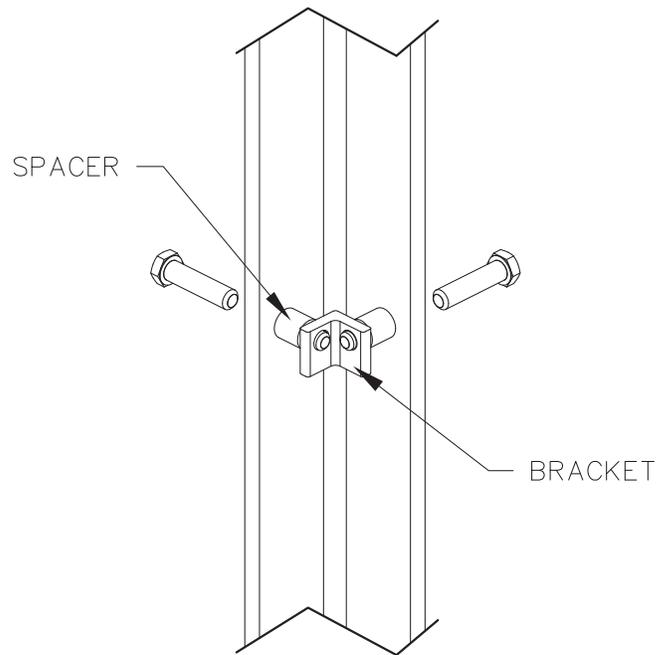


Fig. 2: Leg Installation

5. Insert one 3/8-16 X 1-1/2 screw with one 3/8 lock washer through the slot on each side of the leg (2 total) as shown in Fig. 2.
6. Immediately install the spacer onto each screw between the inside of the leg and the heater. See Fig. 2.
7. Continue to push the screw through the hole in the heater. See Fig. 2.
8. Start threading each screw into the "L" mounting bracket.
9. Do not tighten at this step. Leave mounting bracket and screws loosely threaded.
10. On the same leg, move up to the mid-section of heater and repeat steps 5 through 9. See Fig. 3.



MID-LEG ARRANGEMENT

Fig. 3: Leg Installation

11. Repeat steps 3 to 10 on the remaining corner at the bottom and mid-section of the other leg (8 total).
12. Now tighten all the leg screws to approximately 20-foot pounds.
13. It is required that the legs be screwed to the floor (see Anchoring Information on page 2).

- Place one tank support channel on the top of each leg and secure in place with two 3/8-16 X 1-1/2 screws with 3/8 lock washers as shown in Fig 4 and Fig. 5.

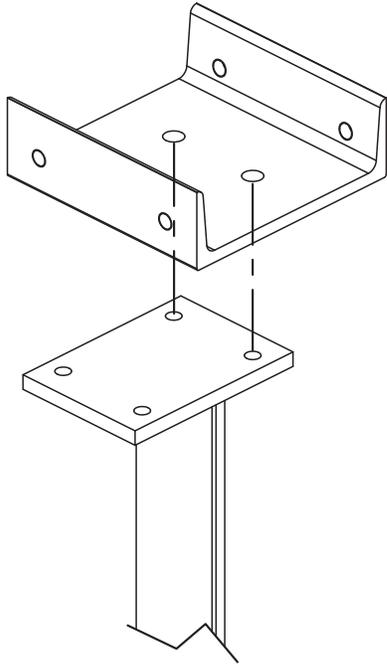


Fig. 4: Mount the Tank Support Channels

- Attach each end of the tank strap to the two outermost mounting holes of the tank support channel using one 3/8-16 X 5/8 screw with 3/8 flat washer, then tighten in place as shown in Fig. 5. Repeat on the other leg.

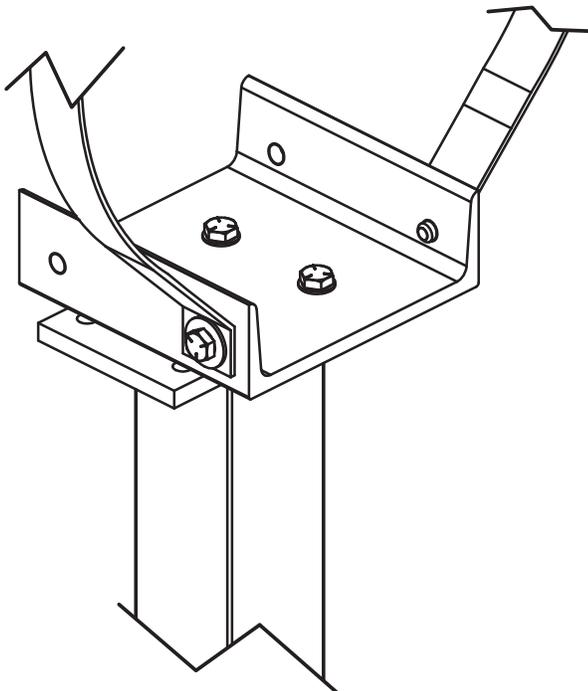


Fig. 5: Mounting the Tank Strap

- Place the tank on top of the tank support channels located on the top of the support legs. Rotate the tank so that the openings on the side of the tank are located in the downward position.

NOTE: Refer to Fig. 7 and Fig. 8 for proper tank/port orientation.

- Trim each piece of the tank strap to extend approximately 75% around the tank. Install the "L" brackets supplied with the tank strap kit with the excess strap material folded underneath the bracket as shown in Fig 6.

- Wrap each piece of the tank strap around the tank and insert the supplied carriage screws into the opening and thread the nut onto the end. There should be approximately a 2-1/2" gap between the "L" brackets. If the gap is larger or smaller than this, re-adjust the strapping material until this dimension is achieved as shown in Fig 6.

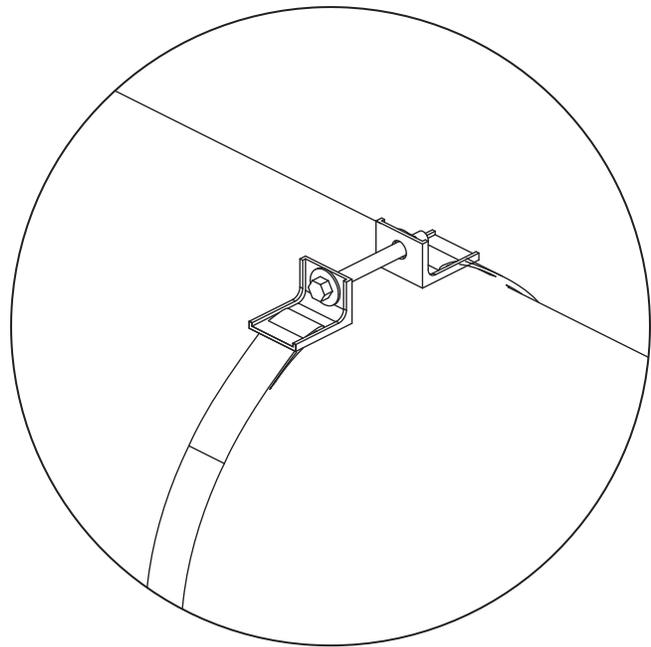


Fig. 6: Mounting Strap Installation

- Tighten the nut on the carriage screws to approximately 10 foot-pounds or until the tank strap is taut without any kinks or sags.

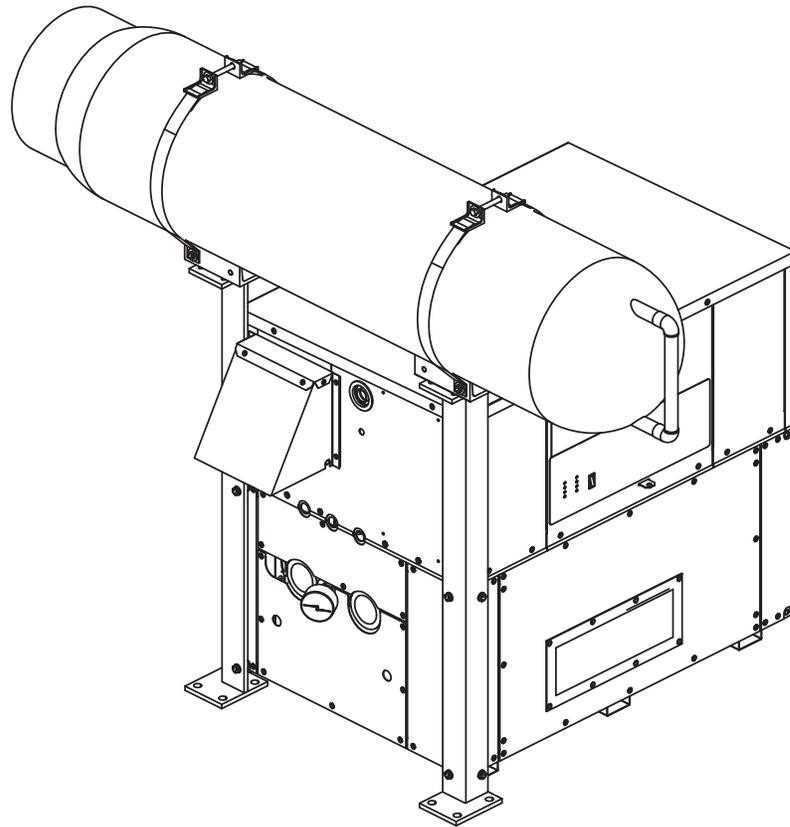


Fig. 7: Completed Expansion Tank Assembly

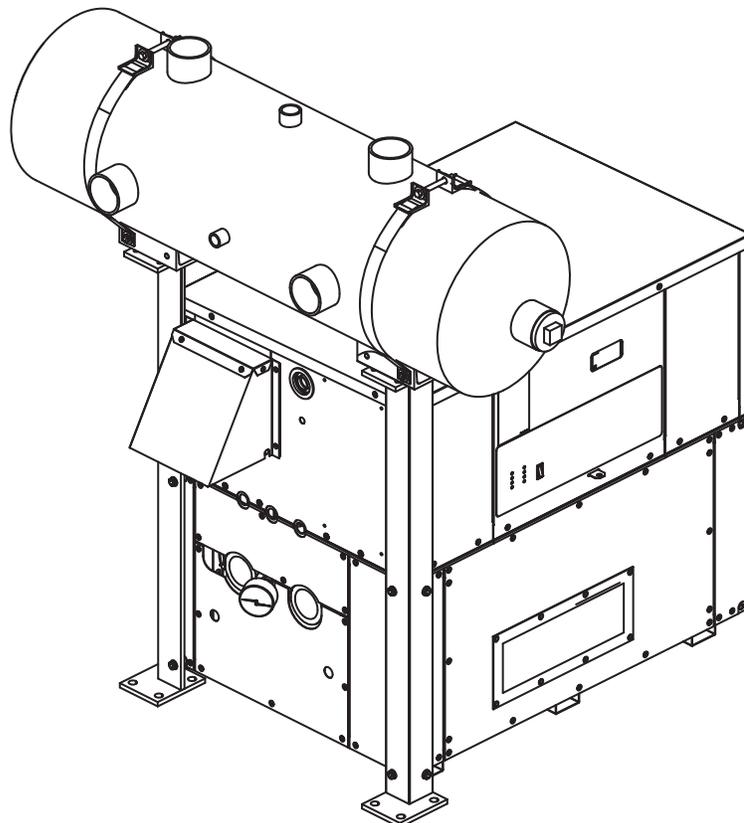


Fig. 8: Completed Buffer Tank Assembly



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