

INSTALLATION INSTRUCTIONS

Super Seal Replacement Kit P/N 629087456 Applies to both the UC150 Ice Only and the IU150 BC

SAFETY INSTRUCTIONS

 **WARNING:**

Before starting installation, read and understand all safety label and warnings on the machine. Also review and understand all safety instructions in the owners, installation and service manuals.

Failure to comply could result in serious injury, death or damage to the equipment.

QUALIFIED SERVICE PERSONNEL

 **WARNING:**

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit.

All wiring and plumbing must conform to national and local codes. Failure to comply could result in serious injury, death or equipment damage.

SAFETY PRECAUTIONS

This unit has been specifically designed to provide protection against personal injury. To ensure continued protection observe the following:

 **WARNING:**

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

Failure to comply could result in serious injury, death or damage to the equipment.

 **CAUTION:**

Always be sure to keep area around the unit clean and free of clutter.

Failure to keep this area clean may result in injury or equipment damage.

INSTRUCTIONS

<u>Part No.</u>	<u>Name</u>
50279	Insulation Tubing
50326	Insulation Tape
50951	90 Degree PVC Elbow
51774	Vinyl Tubing
620314901	Gear Motor
620506533	Lower Housing
620512803	PVC Pipe
620504021	45 Degree PVC Elbow
620504011	Auger Gate
70204	Housing Mtg. Screws (3)
71045	Hose Clamps (2)
31525026	#115 O-ring (2)

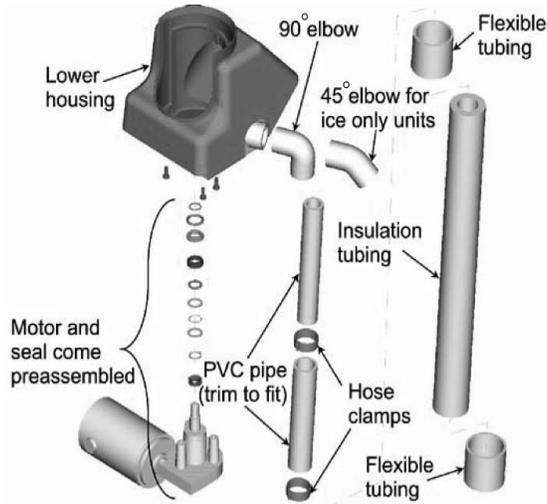


Figure 1.

NOTE: This kit will obsolete Shaft Seal P/N 620701121 and Auger Motor P/N 620305201. This kit is intended for replacement of obsolete lip seal. This kit requires removal of existing lower housing, seal, and auger motor.



Lip Seal To Be Replaced.



Super Seal Assembly.

Figure 2.

⚠ WARNING:

Disconnect power to the unit before servicing. Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work.

Failure to comply could result in serious injury, death or damage to the equipment.

This kit requires that the lower housing be replaced due to incompatibility of the existing housing with the new motor and super seal design. To remove the lower housing, first remove the top cover over the ice chute. Then pry retainer off ice chute to allow removal of ice chute. This will expose the top of the auger, which can now be removed by lifting it upward. The last items to be removed are the two auger housing halves. Once again you can lift these upward.

Before you can get to the three screws that retain the lower housing, you must remove the auger motor. Turn the auger motor counterclockwise approximately a quarter turn and then move downward to remove the motor (See Figure 3). This motor may now be discarded.

Next, cut the drain line that runs from the back of the lower housing as indicated by the arrow. Pick a point approximately 4 inches along the vertical section and then cut the drain line (See Figure 4). Underneath the sheet metal bracket there are three Phillips head screws that need to be removed. You may now remove and discard the lower housing.

This process for removing the lower housing is the same regardless of the type of dispenser you may have. This technique will work for both the UC150 Ice Only and IF150 BC. To reassemble the dispenser with the new parts, you will just reverse the procedure used to remove the parts. Take the time to thread the screws into the bosses on the bottom of the lower housing and then remove them. This will make re-assembly much easier.

⚠ IMPORTANT:

Make sure that O-Ring is in place atop the ceramic portion of the seal when putting auger motor into lower housing (See Figure 5). When installing motor with seal assembly use water as the lubricant.

Note that the kit is shipped with 2 (two) spare O-Rings in case you should misplace one.

NOTE: When the seal is installed on the shaft, it should be allowed to rest in its free state. In the free state the ceramic seat will be butt up to the shaft retainer ring. It should not be compressed to its operating height prior to installation in the lower housing. If you should compress the seal assembly the O-Ring may adhere to the shaft not allowing the seal set to return to its free state. If this should happen, one must carefully push on the carbon seal moving the seal assembly in a direction towards the shaft end until the ceramic seat once again rests against the shaft retaining ring.



Figure 3.

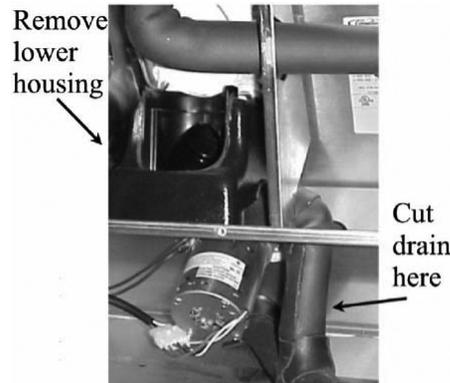


Figure 4.



Figure 5.



Figure 6.

Replacement of the Auger Gate

The ice chute is constructed for simple breakdown (tools are not required). First remove the tower cap by removing the knurled screws. Once the tower cap is out of the way you will see a wire retainer. You will need to pop the retainer off to remove the ice chute assembly. To remove the wire retainer, place your fingers on the backside of the ice chute with your thumbs pointing upward. Place your thumbs on the retainer wire and with a slight upward movement push the wire retainer towards the rear of the unit (See Figure 7). The retainer should pop out of the saddle and swing out of the way.

At this point, you should be able to pull up on the ice chute and remove it from the assembly. You will notice that the ice chute is made up of three pieces. That is the ice chute, the ice chute cover, and the auger gate.

To remove the auger gate, place your thumb under the tab on the ice chute cover and press up (See Figure 9). When reassembling the ice chute, make sure that the gate is sitting in the slots in the ice chute with the short flap side up (See Figure 10).



Figure 7.



Figure 8.



Figure 9.



Figure 10.