

Perfect *RV* Flush Instructions

PLEASE READ INSTRUCTIONS FIRST!!!!

Congratulations on purchasing your Perfect *RV* Flush Kit. Please read the instructions first so you know how and why your system works the way it does.

Best results would be using rubber gloves for a better and stronger grip on the pipe and for sanitary reasons.

PIPE

The system is comprised of 3 rigid pipes and 3 flexible pipes. It is best to start with a flexible pipe from the *RV* and end with a flexible pipe to the sewer connection fitting. Rigid pipe should be in the middle supporting the pipe so that it is off the ground and in a gravity fed angle. For a full 20.4 feet length, use 2 flexible pipes from the *RV* and one to the sewer fitting connection and the rigid pipe between. For longer lengths of pipe, you will need extra supports.

PIPE SUPPORTS

You have 2 pipe supports that fit in between the pipes inside the fitting. That way they do not slip or move. One Support is the 12" and the other is the 8". The 12" goes closer to the *RV* and the 8" goes closer to the sewer connection fitting so that a gravity feed is created for a faster and easier waste flush. Place them where the rigid and flexible pipe connect.

DRAIN END WITH WINDOW

The drain end connects to the end of the pipe and fits into the 3-step seal ring that fits into the sewer connection fitting. The drain end has a transparent window so that you can see when your flush is finished and clear water flows through it.

3-STEP SEAL RING

The 3 step seal ring fits into a 3" fitting, a 3-1/2" fitting, and a 4" fitting. The drain end without the seal ring will fit into a 3" pipe with no fitting. The 3-step seal ring should be placed into the fitting first then the drain end placed through the 3-step seal ring so that it ensures a tight fit and a tight seal for the sewer connection fitting.

ENCLOSED ADAPTOR COUPLER

This unique adaptor connects the pipe to the *RV* for a strong tight support and seal. It has 4 arrows that indicate where you slip it onto the lug adaptor on the *RV*. Once you slip it on you will turn it to the right and you will feel and hear a click. Once you feel and hear the click you know it is locked into place and sealed tightly.

PIPE WRENCH SET

There are 2 pipe wrenches with one a 3" end wrench and the other with a 4" end wrench. These ends are for loosening the cap fittings on the sewer connection fitting. There are numerous types so these will cover most if not all the types you will see. The other end of the wrench is a closed end wrench designed to fit the male and female fitting, and the enclosed adaptor. These can be used to install the pipe system and to breakdown the pipe system.

CLEANING BRUSH

The cleaning brush is specifically designed for waste pipe cleaning with a stainless-steel handle and a 6” nylon brush for very fast cleaning so that you have a clean and sanitary pipe when you store it away. Simply use soap and water then rinse with water and dry the pipe before placing back into the storage Kit..

O-RINGS

There are 2 O-rings that provide a better seal for the fittings. One is for the Enclosed Adaptor Coupler and one is for the female 3” fitting. To remove them you can take a small screw driver and gently pull it up from the side and it come out easily. To install them simply use your finger and press them in place. The O-ring is not in the original kit because it is not needed. If the male fitting on the pipe becomes damaged somehow the O-ring will help provide a better seal so as not to leak and not having to purchase a new pipe.

STORAGE KIT

The storage kit is made of a heavy duty 600D polyester fabric that is waterproof. The upper sides of the storage kit are webbed so that the kit can breathe and keep everything in a dry state. The rubber feet on the bottom support the kit off of the ground and help the kit last much longer. You can replace the storage kit with a new one when needed in the future.

PERFECT *RV* FLUSH INSTALLATION INSTRUCTIONS

The pipe has a male and female DWV fitting on each end with threads. You simply thread the male pipe fitting into the female pipe fitting and hand tighten. It is not necessary to tighten with wrench unless it is too difficult for you to tighten them. If you use the wrenches then do so very lightly.

When you get to your campsite or dump station figure out how far the sewer connection fitting is from the *RV* fitting and start connecting the pipe from the sewer connection fitting. Place the 3-step seal into the fitting until it is in securely then begin threading the flexible pipe into the drain end fitting then thread a rigid pipe into the flexible pipe fitting and so on. The rigid pipe should always be in the center and the flexible pipe on the ends. This makes it easy to support and it will fit any distance.

Once you have the pipe threaded you need to take the Enclosed Adaptor Coupler and threads into the last pipe. To make sure the pipe is tight the entire length, turn the enclosed adaptor to the left as you are facing the *RV*. Once it is tight use the arrows on the adaptor to line them up to the lugs on the *RV* adaptor and slip it on the *RV* adaptor. Turn the enclosed adaptor to the right until it clicks. Once it clicks you are locked into a secure position.

Now you will place the 12” support closest to the *RV* into the fitting that connects the flexible pipe to the rigid pipe and place the 8” support closest to the sewer connection fitting into the fitting that connects the rigid pipe to the flexible pipe. If you used the wrenches then you can leave them on the pipe or remove them. If you leave them on the pipe, you will not lose them. The pipe wrenches are designed to fit all the fittings on the pipe and can be used for other fittings as well.

Once all the pipe and the supports are in place and everything is connected securely you can enjoy your stay.

USING THE WASTE SYSTEM

Once you are ready to dump your waste it is good to run a bit of water through the pipe first then release the waste into the pipe along with whatever water you will use at the same time. This thins out the stream of waste for a faster and cleaner dump. As the waste is running through the pipe look into the drain end window to see when the waste is gone and clear water is running through the pipe. Rinse the system really well as you would do anyway and shut everything down and close everything up to begin breaking down your pipe system.

BREAKING DOWN YOUR PIPE SYSTEM

If you intend to clean your pipe system (as you should) prepare a bucket of soap and water and have the cleaning brush on hand with something to dry the system with (inside & out).

Begin the break down from the drain end or the *RV* end. Either way will work but it is usually best to start at the drain end. Pull the drain end from the 3-step seal then pull the 3-step seal from the fitting.

Unthread the drain end from the flexible pipe and clean the drain end and the 3-step seal with soap and water then rinse with water and set them aside. Continue the same process to the enclosed adaptor. Clean and rinse them and set them aside to dry. Dry each one on the outside. To dry the inside of the pipe, use the cleaning brush to push a towel or paper towels through the pipe. If they are not completely dry, they will dry in the storage kit because of the webbed siding built into the kit to allow the kit to breathe.

PLACING EVERYTHING BACK INTO THE STORAGE KIT

To start place the rigid pipe in first so that it provides the support for the kit. Then place the flexible pipe next then all of the other accessories on the top. Place the storage kit in your chosen spot and you are ready to go.

You can purchase more pipe and any of the other accessories online and from *RV* dealers and retail stores nationwide.

LIFETIME WARRANTY

The lifetime warranty is a real warranty covering any part of the pipe system itself from leaking, breaking, kinking, rotting, or cracking. The warranty extends to normal use of the pipe system itself. Parts such as the 3-step seal, the storage kit, O-rings, pipe supports, pipe wrenches, and the enclosed adaptor will need future replacement after years of use.

This is a premium pipe system that should last you a lifetime as long as you take care of it and do not damage the pipe fittings from throwing them around and being careless with their protection. The threads on the fittings must be protected to last a lifetime.

If anything is damaged because of careless actions, acts of nature, and anything beyond normal use then the warranty will not be upheld.

ENJOY YOUR PERFECT RV FLUSH SYSTEM

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