

The First Step Clean-N-Fill has 5 stages of filtration, uses ion exchange resins, and also purifies. It is equipped to handle extremely hard, dirty water and hooks to a standard garden hose.

Stage 1: Nylon mesh diffuser- prevents incoming water from 'channeling' through the media, giving even distribution. Prevents the media from back-flushing out of purifier.

Stage 2: Ion exchange resin- is negatively charged. They capture positively charged ions such as calcium Ca^{++} , magnesium Mg^{++} , Iron Fe^{++} , and more. This somewhat 'softens' the water by removing the much of the 'hard' stuff.

Stage 3: P-gravel mix. Excellent material for use in separating stage 2 and stage 4. As the ion exchange attracts positively charged material, this strata holds that material inside the purifier. The weight of the gravel holds the garden hose in the tub while filling, plus gives the purifier a good feel in the customers hand.

Stage 4: Activated carbon readily reacts with chlorine (Hans Pick Theory). The key is, as with any type of filtration, to maximize the surface area without causing pressure drop. Surface area is translated into "mesh" size. The First-Step Clean-N-Fill uses BKK 8x30 mesh. To visualize the high surface area of this stage, one could take 80 football fields and lay them side by side. Research grade activated carbon is an excellent and cost effective product to remove phosphates, medications, chloramines, pesticides, organics, trihalomethanes, nitrogen, and odors.

Stage 5: Nylon mesh retainer- Course enough to allow water to pass thru, but fine enough to keep contents inside the purifier. Allows the water to come in full contact with surface area in stage 4.

Usage:

Good for 3 Fills only.

Directions:

1. Connect your Pre-Filter to a regular garden hose.
2. Run water through pre-filter for 30 second until water runs clear.
3. Begin to fill tub, with pre-filter attached, to proper water level (check your hot tub owner's manual for recommended water level).
4. Turn off hose when full and disconnect filter.
5. Store upright, in a dry area to keep you pre-filter ready for next use.

Disposal:

After 3 fills discard pre-filter by normal disposal methods.