

WEST COAST FILTERS INC.

Design, Manufacture & Distribution of Water Purification Equipment

Important instructions

for

West Coast Filters Inc. Water Filtration Equipment

Media and gravel installation for units with a side outlet.

Presuming that the filters have been set in place following our standard "Filter Set Up" instructions, you should proceed as follows:

If the unit has been shipped with the under-drain system installed you must remove the stainless laterals to avoid any concrete splashing into the screen openings.

Place a sufficient amount of 2500# SR concrete (minimum strength) to reach the curve of the flanged head as indicated on the construction drawings.

Do not overfill or under fill with concrete.

Trowel the surface to a smooth finish and allow to cure until it has set adequately.

Re-install the stainless steel laterals in the correct orientation using care not to damage the screens. Do not use a wrench on the screened portion of the laterals.

This size of vessel (60" diameter) will require approximately 10 cubic feet of 1 1/2" x 3/4" quartz gravel to accomplish this.

The following quantities of gravel should now be placed into the 60" diameter vessel.

3/4"	X	1/2"	3.5 Cubic Feet	350 Lb.
1/2"	X	1/4"	3.5 Cubic Feet	350 Lb.
1/4"	X	1/8"	3.5 Cubic Feet	350 Lb.
1/8"	X	1/16"	3.5 Cubic Feet	350 Lb.

Each cubic foot of gravel is equal to 0.60" of rise on the vessel side-shell.

Note:

Be sure to check the weights and volume of each bag of gravel, as not every bag will contain one cubic foot. Some sizes of the quartz gravel will only be one-half of a cubic foot or 50 lb.