

Installation Instructions for the Mark 5 Silver Recovery Unit

1. Take one elbow off the hose of the connecting fitting, wrap it with Teflon tape and screw it into the chemical reservoir tank.
2. Take off the second elbow from the hose of the connecting fitting, wrap it with Teflon tape and screw it into the inlet on the first Mark 5S90 CRC.
3. Slide the hoses on the connecting fitting back onto the elbows that are now screwed into the chemical reservoir tank and primary Mark 5S90 CRC.
4. There is a valve between the two elbows that will allow you to regulate the flow of the liquid from the reservoir into the CRCs.
5. The cartridges should be stacked on top of each other to provide proper gravity flow. Be sure the Mark 5S90 CRC's are connected properly. The inlet and outlet are NOT identical. The outlet of the first cartridge MUST be connected to the inlet on the second cartridge. The outlet of the second cartridge should be connected to the drain.
6. The reservoir should be filled with water initially. After the cartridges have been filled with water, chemistry can be allowed to flow through the system.
7. When chemistry will not be flowing through the system for an extended period of time, it is a good idea to fill the reservoir with water and flush the chemistry out of the Mark 5S90 CRC so that the chemistry, which is more corrosive, will be purged from the CRC and the system will work more effectively.
8. Each Mark 5S90 CRC in the primary position has a capacity for 75-100 gallons of silver recovery. However, the material inside the Mark 5S90 CRC breaks down over a period of time and regardless of volume, should be rotated every 6 months to ensure environmental compliance.
9. To change a Mark 5S90 CRC, the reservoir must be filled with water and the primary CRC must be flushed for shipping. Remove the primary CRC from the system, move the secondary CRC into the primary position and place a new Mark 5S90 CRC in the secondary position. The exhausted Mark 5S90 CRC can then be sent back to Hallmark Refining Corporation for processing.

The average silver yield for a Mark 5S90 CRC used as a primary silver recovery system is 20 -25 Troy Ounces.

If you have any further questions or require assistance with your system, please call the Customer Service Department at Hallmark Refining Corporation at 800/255-1895.