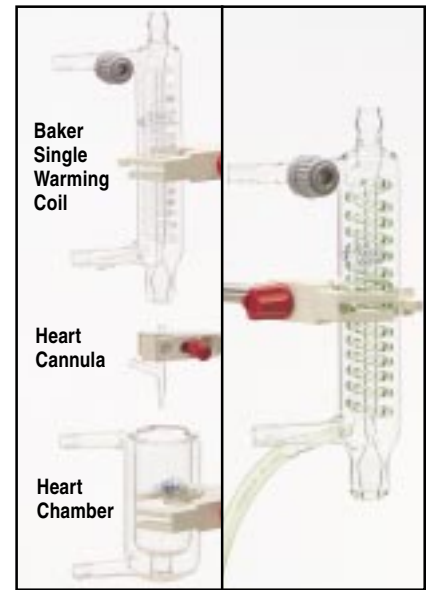
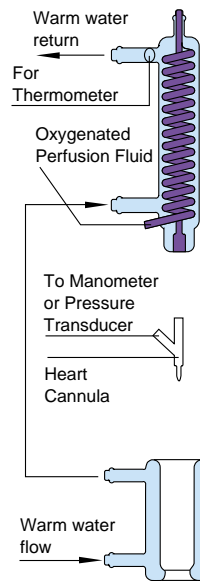
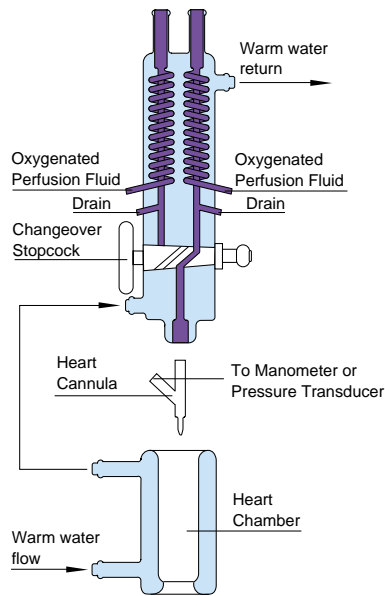


## Harvard 'Baker' Jacketed Mammalian Heart Perfusion Sets



### Double 'Baker' Heart Perfusion Set

This Set consists of three elements:

- Baker Double Warming Coil
- Baker Heart Cannula
- Baker Heart Chamber

The Baker Double Coil has two separate fluid warming coils heated by the same bath. This allows the heart to be perfused with different solutions. Oxygenated perfusion fluid enters the bottom of each Warming Coil and is warmed by circulating water. Each coil connects to a straight tube that runs axially through the coil.

- Maintains constant temperature of the heart regardless of coronary flow
- Eliminates any bubbles that may enter the cannula
- Restricts the drying of the heart tissue

A piece of pinched silicone rubber at the top of the straight tube acts as a bubble trap and injection site. The changeover stopcock design allows one coil to be used for perfusion while the other is being warmed.

The excised heart is suspended from the Heart Cannula which fits into the bottom straight tube of the Warming Coil. This tube has a rubber tube attached to it to ensure a tight fit. A side arm of the Heart Cannula is used to monitor pressure by means of a manometer or pressure transducer (not included). This Heart Cannula with the excised heart is then enclosed in the Jacketed Heart Chamber.

The Jacketed Heart Chamber is warmed by the same water from the warming coil and encloses the heart suspended from the Heart Cannula. An aperture at the bottom of the chamber allows a thread to pass through for transmitting ventricular contractions and drips from coronary outflow.

### Single 'Baker' Heart Perfusion Set

Harvard Apparatus also offers a 'Baker' Type Single Warming Coil Set. This set has the same components as the Double 'Baker' Heart Perfusion Set. The only difference is that it comes with a Baker Single Warming Coil in place of the Double Warming Coil.

Catalog No.	Product
CGS 8217.73	Single 'Baker' Heart Perfusion Set
CGS 8218.73	Baker Single Warming Coil
CGS 8219.73	Baker Heart Cannula
CGS 8220.73	Baker Heart Chamber

Catalog No.	Product
CGS 8213.73	Double 'Baker' Heart Perfusion Set
CGS 8214.73	Baker Double Warming Coil
CGS 8215.73	Baker Heart Cannula
CGS 8216.73	Baker Heart Chamber