

Mechanical Keep-Cold

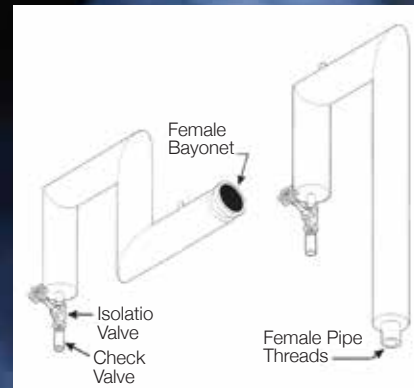
The Mechanical Keep-Cold is a float activated device used to maintain liquid in the VJ pipeline and vent the excess gas created by normal heat leak. This device helps provide liquid on demand to your application.

LOCATION

The Mechanical Keep-Cold is located at the highest points of the VJ pipe system and close to the application to provide liquid on demand.

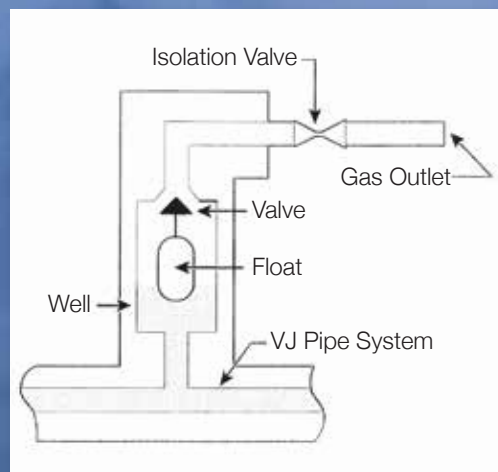
CONFIGURATIONS

Acme Cryogenics offers two vacuum jacketed configurations of Mechanical Keep-Colds. The first style is attached to the VJ pipe system with a bayonet connection. This style provides the least amount of heat into the system while functioning as a liquid level controller for the piping system. The second is attached to the VJ piping system with a threaded connection.



OPERATION

One of the major advantages of the Mechanical Keep-Cold is that it is self contained and does not require electricity or pneumatics to work. Adjustments are not required in the field.



The Mechanical Keep-Cold device allows gas to rise in its vertical well and be vented to atmosphere through a valve. As the gas is vented from the VJ piping the liquid will raise the mechanical float valve and stop the venting. This system maintains the liquid at a constant level in the VJ piping.