

# CHART CAP BAYONET



Cap bayonets are convenient ways to plan for future system expansion. A cap bayonet provides a convenient place to branch off the main pipe system and expand in the future. When the time comes to expand the system, the cap is simply pulled off, and the new pipe section connects to the bayonet branch. Placing a cap bayonet in the system when it is first manufactured eliminates having to cut tee's into the pipe system when expansion is desired.

To make the expansion even more flexible, it is recommended to place a vacuum insulated isolation valve just before the cap bayonet. Then, when it is time to expand the system, the cap can be pulled off and the new pipe sections installed without having to shut down the rest of the pipe system. When the new sections of pipe are installed, the isolation valve is opened, and the new pipe will be in service. This ensures that the main nitrogen system does not have to be shut down to do expansion work. Keeping the original chambers running during the expansion will easily justify the small additional cost of the vacuum insulated isolation valve and cap bayonet.

