

Plan 53B

Description: Plan 53B utilizes a pre-pressurized BLADDER ACCUMULATOR isolating pressurized gas from barrier fluid and providing a PRESSURIZED system greater than the process pressure being sealed. Provides clean BARRIER fluid to a dual seal “arrangement 3”. Circulation is by an internal pumping ring.

Objective: Same as Plan 53A, but handles higher pressures.

Advantages: Same as Plan 53A. Prevents pressurized gas entrainment. Additional cooling provided by finned tubing, forced air cooled or water cooled barrier cooler depending on heat load.

