



**INSTALLATION, SET-UP, AND
MAINTENANCE OF SINGLE SEAL DESIGNS TO
OPERATE WITH HEAT EXCHANGERS**

1. Insure the selected seal is installed in conjunction with either a restriction bushing or lip seal inserted and located at the bottom of the stuffing box. If a lip seal is used, make sure it is installed with the lip opening toward the impeller.
2. Heat exchangers are used on applications of clean, hot liquids to reduce the temperature and increase the pressure in and around the sealing area where lubrication and cooling can be maintained.
3. Follow the instructions for installing the specified seal exactly as recommended by SEPCO. Failure to follow the installation check list and suggested procedure can result in premature seal failure.
4. After pump is installed on-line and the flush lines connected as specified, start the pump with the ball valve in the open position. When normal operating conditions are reached, turn the ball valve off and read and record stuffing box pressure. Adjust and set flush pressure 10-15 psig higher than stuffing box gauge pressure.

Plan 21
Recirculation from
Pump Case through
Orifice and Cooler to
Seal

