

## Minimum PSI Requirement for Stop Check Valves

### **BOILER STOP CHECK/NON-RETURN LEAKAGE ALLOWANCE**

THE STEAMCO VALVE STOP CHECK VALVES ARE DESIGNED FOR OPERATING PRESSURES OF 150 - 300 PSI. THE MINIMUM REQUIREMENT TO PROPERLY OPERATE THE STOP CHECK PISTON IS 50-65 PSI OF DIFFERENTIAL PRESSURE.

THESE ARE METAL SEATED VALVES, AND THEY WILL ALWAYS HAVE SOME LEAKAGE. THIS LEAKAGE IS ALLOWED UNDER THE API 598 TESTING STANDARD. THIS LEAKAGE WILL BECOME HIGHER WITH AGE AND SERVICE.

THE ALLOWABLE LEAKAGE RATE AT THE TIME OF MANUFACTURE IS 3CC PER MINUTE PER INCH.