



June 19, 2015
Subject: Back Pressure Relief Feature



Sherwood K-Valve



Sherwood DIN/K Valve

In course of using a scuba valve, there are times where excess air may have accumulated behind the face o-ring during normal use. When this air is not vented properly from the o-ring groove it can cause the o-ring to dislodge during regulator dismounting.

Sherwood valves feature an intentional stamping mark in the machined inner ring of the o-ring gland. This mark prevents the metal ring from sealing against the 1st Stage regulator and trapping pressurized gas in the o-ring groove. If this gas is not properly vented, it can force the o-ring to dislodge when the 1st stage is removed from the valve. The stamping mark creates a path to vent any trapped gas before the 1st stage is removed.