

OPERATION AND MAINTENANCE MODEL 712 AND MODEL 1004 BLEED AND DRAIN VALVES

These bleed valves are designed to vent high pressure or condensate from charging lines, filters, separators and other volumes where pressure must be relieved to disconnect lines, tanks etc. They have an exclusive seal design that permits opening and closing thousands of times without loss of sealing ability. Light finger pressure is all that's required however over torquing should not damage the valve. The model 1004 bleed valve has only one male NPT fitting so it is better suited for separator drains. The model 712 has two connections so is better suited for in line uses.

SPECIFICATIONS

- | | |
|------------------------|-----------------------------|
| • Maximum rated press. | 6000 PSI |
| • Materials | seals Teflon |
| | body aluminum |
| • Ports | (712) 1/4" MNPT & 1/4" FNPT |
| | (1004) 1/4" MNPT only |
| • Size | (712) 1" dia. x 2" long |
| | (1004) 7/8" dia x 1" long |

INSTALLATION

Use 3 or 4 turns of teflon tape pipe thread sealant. Avoid over torquing the pipe threads. Torque that can easily be applied with a 6 or 8 inch wrench is enough. Excessive torque can cause eventual cracking and leakage. These valves are NOT provided oxygen clean and should NOT be used in oxygen service as provided. Consult factory for details.

OPERATION:

These valves requires only a light finger torque to seal at pressures to 6000 PSI. Full flow is achieved by opening the bleed valve 1/2 to 3/4 turns. Avoid opening the valve more than this. If opened several turns the bleed screw will separate from the body.

MAINTENANCE:

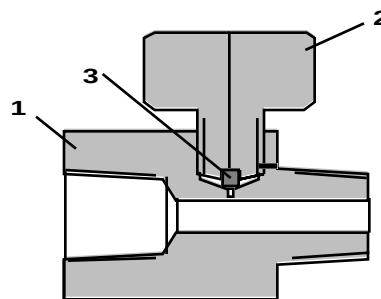
No routine maintenance is required. The valve should only be disassembled and reassembled by a qualified valve repair person following the drawing and notes herein. When replacing the teflon seat pry out the old seat with a pen knife. Drop the new seat in place. It will fit loosely until tightened the first time. When first tightening, hold the seat upward so it will not fall out of place. If time allows or a spare is available it is recommended the valve be returned to the factory for repairs.

PARTS LIST

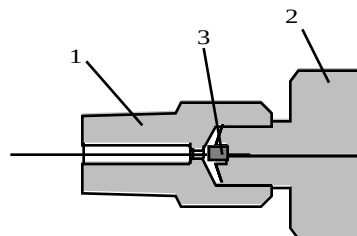
ITEM	QTY	PART NO.	DISC.
1	1	713	body (712)
	1	1005	body (1004)
2	1	714	screw
3	1	715	seat

NOTES:

1. Technical Bulletin - 731
2. Use Slick 50 grease on thread
3. To assemble or change seat, drop seat, item 3 into screw 2. Hold screw so seat is upward. Screw body 1 on to screw while continuing to hold in this position so seat won't fall out of place. Once tightened, seat will deform and be locked in place.



Model 712



Model 1004

AQUA ENVIRONMENT CO. INC.,

PO Box 935, Stinson Beach, CA. , 94970, (415) 453 8157