



Operating Instructions Akron Style 588 Hose Clamp

The following instructions must be followed for safe and efficient use of the product.

MAXIMUM PRESSURES AND FLOWS

1 1/2", 1 3/4", AND 2" HOSES

Flowing Hose*: 150 PSI (1035 kPa)/300 GPM (1135 LPM).

Non-flowing Hose**: 200 PSI (1380 kPa).

2 1/2" AND 3" HOSES

Flowing Hose*: 100 PSI (690 kPa)/500 GPM (1390 LPM).

Non-flowing Hose**: 125 PSI (860 kPa)

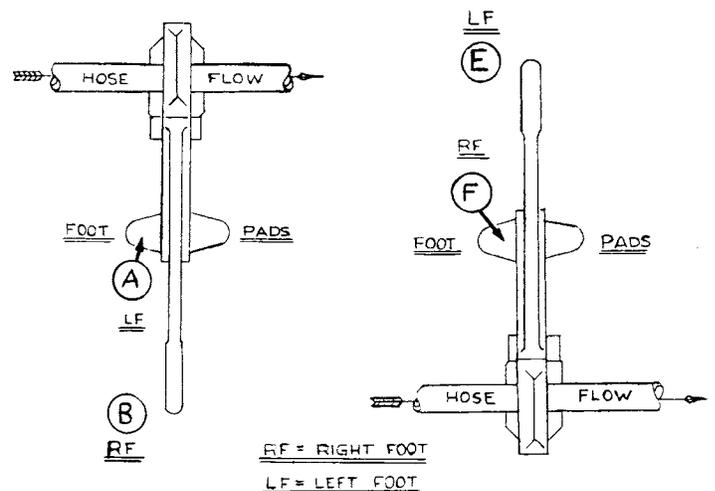
- * In a flowing hose, the maximum flow refers to the flow in the hose prior to clamping. The maximum pressure refers to the pressure in the hose before or immediately after closing the clamp.
- ** In a non-flowing hose, the maximum pressure refers to either the pressure that will develop when charging a clamped, empty hose, or the static pressure in a charged hose prior to applying the clamp.

INSTALLING THE CLAMP

Whenever possible, install the clamp within 1 to 2 feet upstream of a coupling. When installing the clamp on a flowing hose, stand on the upstream (pressure) side of the clamp. Woven hoses will often stretch away from the source when the flow is stopped. Therefore, it is important to put one foot on the upstream footplate at the rear of the clamp while closing the jaws. Place the other foot well back of the unit for maximum body stability (see sketches; foot positions A/B and E/F).

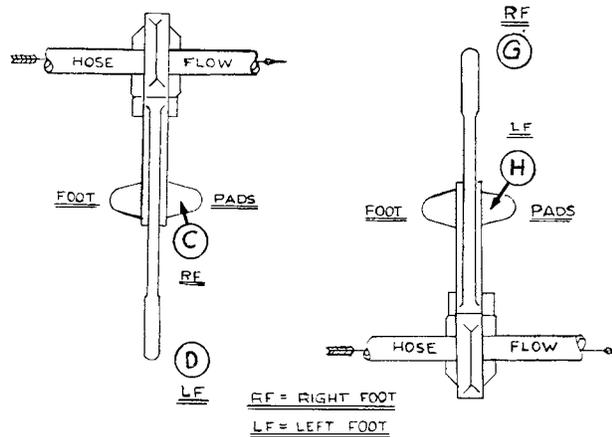
Center the hose in the jaws of the clamp. Use both hands to firmly grasp the handle. Bring the handle down to the closed and latched position in one rapid, smooth motion. The closure should not be done too quickly or too slowly. Under most conditions, the closure time should be about 1 to 2 seconds. do not let go of the handle until the locking latch is full engaged.

Proper engagement of the latch can be checked by pulling up slightly on the handle.



REMOVING THE CLAMP

When releasing the clamp from a charged hose, use extreme caution due to the stored energy potential which will be transmitted to the handle as the jaws are opened. The clamp may tend to move back towards the pressure source as the clamp is opened and therefore, one foot should be placed on the downstream foot pad. Place the other foot back of the unit for maximum body stability (see sketches; foot positions C/D and G/H). Grasp the handle firmly with one hand and hold the handle down while releasing the latch with the other hand. Hold the latch up and very slowly raise the handle a few inches until the latch is not able to snap back into the locked position. Before moving the handle any further, firmly grasp the end with both hands. Allow the handle to come up slowly. As the handle travels upward, the force pushing the handle up will increase until the jaws are as wide as the hose. DO NOT RELEASE YOUR GRASP OF THE HANDLE UNTIL THE JAWS ARE FULLY OPENED.



WARNING

USE ONLY ON 3" OR SMALLER, DOUBLE-JACKETED, WOVEN HOSE. DO NOT USE ON PLASTIC OR RUBBER-COATED HOSE. ALWAYS STAND ON UPSTREAM SIDE WHEN CLAMPING. USE EXTREME CAUTION WHEN OPENING UNDER PRESSURE.

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