AKRON® BRASS COMPANY

LADDER PIPE Style 1495
OPERATING INSTRUCTIONS

This unit is equipped with a quick acting clamp which is adjustable to fit the rung spacing of any aerial ladder. It is pre-set at the plant to fit a rung spacing of 15-1/4" and it may be necessary to adjust the spacing to your ladder.

Maximum Flow 1000 GPM (3800 LPM)
Maximum Pressure 100 PSI (690 KPA)

Do not exceed the following discharge pressure with straight tips.

Tip Size	Pressure
1-1/2"	100 PSI (690 KPA)
1-3/4"	100 PSI (690 KPA)
2"	70 PSI (488 KPA)

Do not exceed 1000 GPM (3800 LPM) when using a fog nozzle.

⚠**Warning:** Ensure the ladder being used has adequate structural strength to support the reaction force generated during operation.

⚠**Warning:** Read and follow the operating instructions before use.

⚠**Warning:** Use only for fire fighting by trained operators.

⚠**Warning:** Do not exceed the maximum pressure or flow ratings of the ladder pipe.

⚠**Warning:** Charge the unit slowly. Rapid charging may cause a pressure surge with the potential to cause injury or damage to the unit.

⚠**Warning:** Make sure the ladder pipe is pointed in a safe direction before flowing water.

⚠**Warning:** Read and follow the tip pressure and flows in the operating instructions before use.

⚠**Warning:** During freezing conditions the ladder pipe must be drained to prevent damage.

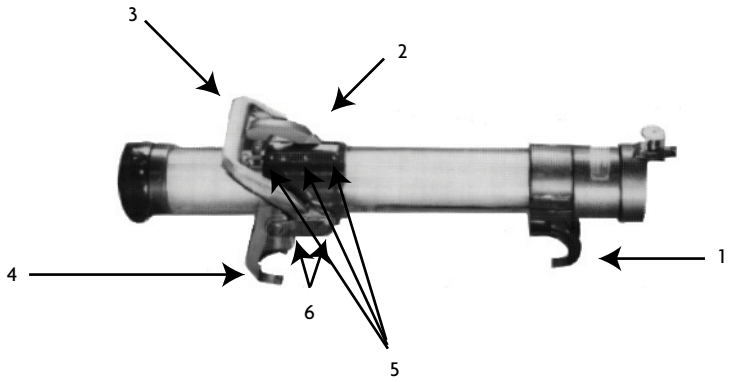
⚠**Warning:** Replace any tags on the monitor that have become worn or damaged.

⚠**Warning:** Ensure the ladder pipe fits securely onto the rungs and the safety pins are fully engaged before use.

To install the pipe on your aerial, follow the simple steps outlined below.

1. Hook upper clamp (1) over top rung and drop the pipe into position.
2. Compress the safety catch (2) completely with palm of your hand.
3. Raise locking handle (3) completely.
4. Place lower clamp (4) under the second rung and lower the locking handle into the fully locked position.
5. If your rung spacing is other than 15-l/4", you will need to adjust the position of the lower bracket.
6. Loosen the set screw both front (5) and rear (6).
7. With the handle in the locked position slide the entire lower bracket until the second rung fits snugly into the bottom of the lower clamp. (You may need to lightly tap the bracket with a leather or rubber mallet).
8. Unlock the handle as described in steps 2 and 3 and slide the entire bracket upward approximately l/6" to 1/8" or until the unit locks into place tightly. CAUTION: Be careful not to over-tighten.
9. Snug down rear screw (6) and then securely tighten front screw (5) and the rest of the screws. (5 & 6) Do not over-tighten middle (5).
10. Test the safety catch operation to ensure proper locking action before putting the unit into service.

NOTE: Periodically check for wear between the safety catch (2) and the locking handle (3). If excessive wear should become apparent, the locking mechanism should be replaced immediately.



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REVISED: 6/11

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