

**WARNING**  
**EXTENSION LADDERS**

Any piece of equipment can be dangerous if not operated properly. **YOU** are responsible for the safe operation of this equipment. The operator must carefully read and follow any warnings, safety signs and instructions provided with or located on the equipment. Do not remove, defeat, deface or render inoperable any of the safety devices or warnings on this equipment. If any safety devices or warnings have been removed, defeated, defaced or rendered inoperable, **DO NOT USE THIS EQUIPMENT!!!**

**WARNING:** The base of the ladder **MUST** be 1/4 of its length away from the wall never more and never less  
Example: if the ladder is extended 28' feet, its base should be 7' feet from the building.

**DANGER:** This equipment has multiple pinch points that can cause dismemberment or death. Keep hands, feet and all other body parts clear at all times.

**DANGER:** Always make sure the Rung Locks are properly in place before climbing ladder.

**WARNING:** The ladder's fly side (the section that moves up and down) must always be on the outside whenever the ladder is used.



**IMPORTANT SAFETY RULES TO FOLLOW**

1. Inspect the ladder for damage or deterioration before using. Especially feet, rungs and rung locks. Then visually inspect building features, such as window ledges, frames, entranceways and landscaping making sure they will not impair the safe climbing, descending and moving of a ladder.
2. Use on firm, level surfaces.
3. Do not place ladder feet on boxes, blocks or any other objects to level or gain height.
4. Do not use on ice or snow.
5. Maximum weight on this ladder is 250lbs.
6. Do not let children play on or around any ladders.
7. Be extremely cautious when working around overhead power lines. It is unlawful to use a ladder within 10' of power lines of 50,000 volts or more.
8. Never connect two ladders together to gain height.
9. Always allow a 3' overhang from the top of the resting point with extension ladders.
10. Do not step on the top three rungs of an extension ladder.
11. Do not extend the center of your body's torso past either side rail of ladder! **Do Not over reach.**
12. Wear proper footwear with non-slip soles and keep all footwear clean of mud, oil, or other slippery substances when using ladder.
13. Keep at least 3 points of contact when working. Both feet and 1 hand / Both hands and 1 foot
14. Don't carry tools in hand, use a belt designed for the ladder work to be accomplished.
15. Always face the ladder while climbing or descending.
16. Do not attempt extension ladder work when wind or when other weather conditions make it unsafe to the worker, property or public.
17. This ladder is not designed for tree work!
18. Never leave erected ladder unattended.
19. Never use a ladder as a plank.

**Warning metal ladders conduct electricity. Do Not use this Ladder where it may come into contact with power lines or other electric circuits. Failure to comply to this warning will result in serious personal injury or death. For proper set up distances from High Voltage Power Lines see chart on last page.**

If the person receiving this handout will not be the user of the equipment, forward these instructions to the operator. If there is any doubt as to the operation or safety of the equipment, **DO NOT USE!!! CALL A TOOL SHED IMMEDIATELY!!!** FAILURE TO FOLLOW THESE INSTRUCTIONS COULD RESULT IN INJURY OR DEATH

**Extension Ladder Setup:**



**First** - lay extension ladder flat on its back with feet of the ladder butted up against building's wall and the fly side down.



**Second** - lift ladder's top while pushing forward to maintain pressure against building's wall. \*Don't perform ladder work if you are not mentally or physically capable of safely accomplishing the work. \*Lift with your legs, not your back.



**Third** - lift ladder overhead. With your hands extending ladder to your highest point of reach, work *hand over hand* pushing ladder towards the building.

Note: When you reach beyond the middle point of setting up your extension ladder, or lift past the middle rung; an increasing force of ladder's top weight will be working against your efforts. It may feel as though the top portion of the ladder will crash down over the back of your head; much, in the same way, a child's playground "See Saw" works. \*You'll need to remain focused and calm; continue to lift ladder while *increasing pressure* against building's wall.



**Fourth** - At this point, you're ready to rest extension ladder against the building

**Fifth** - lift ladder's base with both arms and move ladder slowly away from building. Make sure not to move ladder into glass below or mar exterior building surface.



**Sixth** - Extend ladder using ladder's rope and pulley system while stabilizing ladder with your right or left foot on ladder's bottom rung. Ladder must be close to, if not, fully vertical in position. Once ladder is erected to the correct working height, slowly lower top of ladder until it rests against building. Always make sure the Rung Locks are properly in place before climbing ladder. Both feet of ladder and both left and right top arms of ladder must equally rest against building. To take down ladder, follow this guide in reverse.

Maintain safe distances away from electrical power lines and apparatus in accordance with applicable governmental regulations and the following chart

Voltage	Minimum Safe Approachable Distance	
Phase to Phase	Feet	Meters
0 to 300V	Avoid Contact	
300V to 50KV	10	3.1
50KV to 200KV	15	4.6
200KV to 350KV	20	6.1
350KV to 500KV	25	7.6
500KV to 750KV	35	10.7
750KV to 1000KV	45	13.7

Allow for movement and electrical line sway or sag, and be aware of strong or gusty winds. Do not use the ladder as a ground for welding