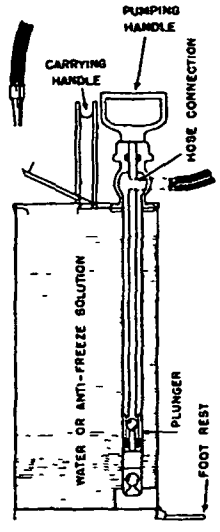
For CLASS A FIRES—Wood, paper, textiles, and the like



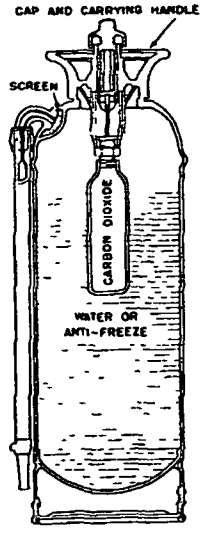
Operation May be operated intermittently (therefore useful on such operations as cutting and welding), but cannot be carried and operated at the same time The operator should place his foot on the foot bracket and operate the pump handle with 6- to 8-in strokes The pump discharges water on both the up and down strokes Direct the stream at the base of the fire, then follow up after the flames while working from side-to-side or around the fire if possible

Maintenance Periodically check the water level and test the pump by stroking several times while discharging the liquid back into the tank Inspect the condition of operating parts annually and oil the piston-rod packing Check the tank and foot bracket for corrosion After use, simply refill with water or antifreeze solution

Caution. Protect from freezing

FIG 43–14 —Pump tank fire extinguisher

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Operation. Contains a small metal cylinder of carbon dioxide gas under pressure To release the gas, which provides the pressure to expel the water, invert the extinguisher and bump it gently on the floor while holding it by the bottom handle (In some models, bumping is not necessary because the weight of the gas cartridge causes it to fall against a puncturing device) Direct the stream at the base of the fire, then follow up after the flames while working from side-to-side or around the fire if possible

Maintenance. Annually inspect for corrosion of shell, proper liquid level, defects in rubber gasket, clogging or damage to hose or nozzle, and bent discharge elbow Weigh the gas cartridge, replace if it has lost $\frac{1}{2}$ oz of the weight stamped on the shell See that cartridge slides freely in its cage when inverted After use, simply refill with water or antifreeze solution

Caution. Protect from freezing Do not charge unit above the level mark because unless the gas has room to expand, it may burst the shell Do not refill with loaded-stream charge unless extinguisher is designated as loaded-stream type

FIG 43–15 —Gas cartridge water extinguisher *May be labeled "loaded stream" if charged with a special* alkali-metal salt solution instead of water (No longer manufactured, but replacement parts are available)