



For maximum speed, use large dump valves when dumping water into portable tanks.

Operating a water tender from the tank is similar to operating any other pump from a tank, but there are a few basic differences. In this case, the objective is not to supply attack lines, but rather to transfer the water in the tank to some type of reservoir as rapidly as possible. High discharge pressures are not required to do this. What is required are hoses large enough to handle the desired discharge rate without causing excessive friction loss. A good operating practice is to use one 2 ½ inch line for each 350 gpm to be discharged or one 3 inch line for each 500 gpm to be supplied. If these lines are kept short (less than 100 feet), 50 psi will be adequate to maintain the desired rate of flow. If the lines are longer than 100 feet, an additional 25 psi should be added for each 100 feet of hose.