

GLASGOW FIRE DEPARTMENT
Standard Operating Guideline

GUIDELINE: ENGINE PUMP PRESSURES			SECTION: 210
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BOOSTER LINE

Some engine companies will carry 200' of booster hose. The maximum pump pressure shall be 200 psi used with any type of booster nozzle in service. The pump discharge pressure will be 148 psi to deliver 40 gpm.

NOZZLE/PUMP PRESSURES

1. All fog nozzles will operate at 100 psi nozzle pressure.
2. All smooth bore hand lines will operate at 50 psi nozzle pressure.
3. All smooth bore master streams will have 80 psi nozzle pressure.
4. All elevated master streams will operate at 80 psi nozzle pressure or the manufactures specifications.
5. Piercing nozzles will operate at 100 psi nozzle pressure; pump discharge pressure is 128 psi to deliver 95 gpm for 200' of 1 ¾ hose.
6. Cellar nozzles will operate at 100 psi nozzle pressure; pump discharge pressure is 125 psi for 200' of 2 ½ hose.
7. All other hand lines will be calculated as per friction loss equation in relation to the appropriate hose and gpm needed.