

## TOWER 4 PUMP DISCHARGE PRESSURES

<b>Hose Length</b>	<b>Nozzle Type</b>	<b>1 ¾ in.</b> <i>140 gpm</i>	<b>2 in.</b> <i>180 gpm</i>	<b>2 ½ in.</b> <i>250 gpm</i>
150 ft	Straight	90 psi	90 psi	80 psi
150 ft	Combination	140 psi	130 psi	120 psi
200 ft	Straight	110 psi	100 psi	90 psi
200 ft	Combination	160 psi	150 psi	140 psi
250 ft	Straight	120 psi	100 psi	100 psi
250 ft	Combination	170 psi	160 psi	150 psi
300 ft	Straight	130 psi	110 psi	110 psi
300 ft	Combination	180 psi	160 psi	170 psi

- Maintain 20 psi residual on compound intake gauge
- Add 5 psi for every 10 feet of elevation on hand lines
- 150 psi beginning ladder pipe pressure, adjust as needed