

SMOOTH BORE MASTER STREAM

Add 25 psi for MS Device

1.38 inch @ 505 GPM @ 80 psi

1 ¼ inch @ 415 GPM @ 80 psi

1 ½ inch @ 598 GPM @ 80 psi

1 ¾ inch @ 814 GPM @ 80 psi

2 inch @ 1063 GPM @ 80 psi

25 psi MS Device

+80 psi MS

= 105 PDP

SMOOTH BORE HANDLINE (SBHL)

Apartment pack **(100ft)** with Horizontal standpipe **(200ft)**

15/16 inch (SB) @ 185 GPM

34.2(FL) 1 $\frac{3}{4}$ + 8.55(FL) 2 $\frac{1}{2}$ + 50psi (SBHL)

= 92.75 (PDP)

Apartment pack **(100ft)** with Horizontal standpipe **(250ft)**

15/16 inch (SB) @ 185 GPM

34.2(FL) 1 $\frac{3}{4}$ + 10.7(FL) 2 $\frac{1}{2}$ + 50psi (SBHL)

= 95 (PDP)

SMOOTH BORE HANDLINE (SBHL)

Apartment pack **(100ft)** Horizontal standpipe **(200ft)**

1 inch (SB) @ 210 GPM

44.1(FL) 1 $\frac{3}{4}$ + 11(FL) 2 $\frac{1}{2}$ + 50psi (SBHL)

= 105 (PDP)

Apartment pack **(100ft)** Horizontal standpipe **(250ft)**

1 inch @ 210 GPM

44.1(FL) 1 $\frac{3}{4}$ + 13.78(FL) + 50psi (SBHL)

= 108 (PDP)

SMOOTH BORE HANDLINE (SBHL)

15/16 (SB) @ 185 GPM @ 50 psi

Crosslay 200ft 1 $\frac{3}{4}$ @ 185 GPM + 68.45 (FL) 1 $\frac{3}{4}$

68.45 (FL)

50 psi (HL)

= 118 (PDP)

SMOOTH BORE HANDLINE (SBHL)

1 INCH (SB) @ 210 GPM @ 50psi

Crosslay 200ft 1 $\frac{3}{4}$ @ 210 GPM + 88.2 (FL) 1 $\frac{3}{4}$

88.2 (FL)

50 psi (HL)

= 138.2 (PDP)