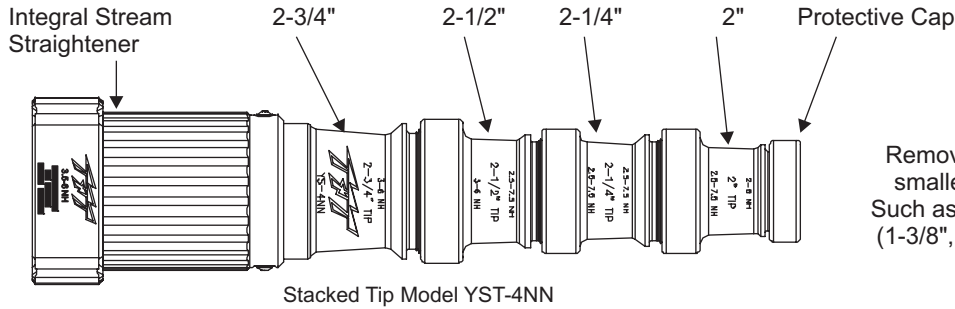


# YST-4NN FLOW & REACTION CHARTS

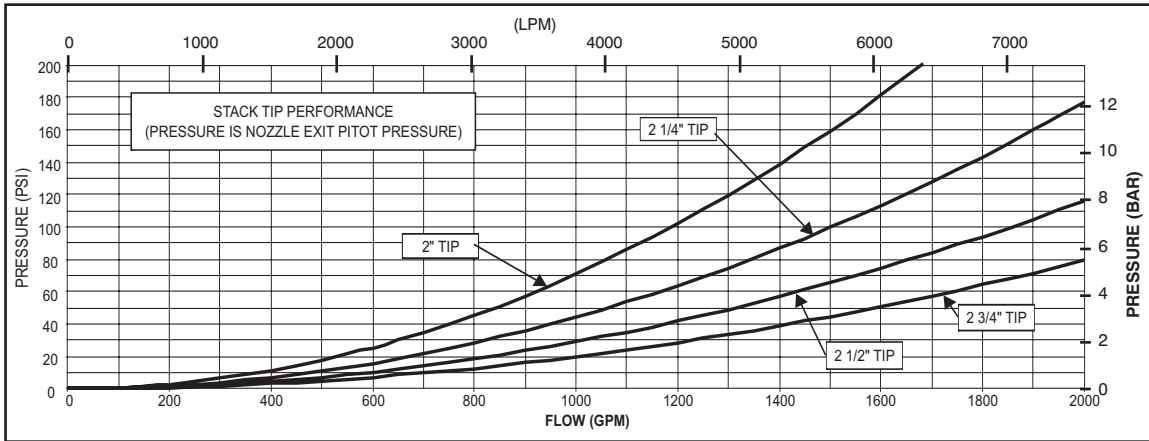


Nozzle Diameter (inches)	Nozzle Pressure (PSI)							
	50		60		80		100	
	Flow GPM	Reaction lbf	Flow GPM	Reaction lbf	Flow GPM	Reaction lbf	Flow GPM	Reaction lbf
2	840	310	920	380	1060	500	1190	630
2.25	1060	400	1170	480	1350	640	1500	790
2.5	1310	490	1440	590	1660	790	1860	980
2.75	1590	590	1740	710	2010	950	-----	-----

14.5 psi = 1 bar  
1 gpm = 3.785 l/min

Nozzle Diameter (MM)	Nozzle Pressure (BAR)							
	3.5		4.1		5.5		7	
	Flow l/min	Reaction kg	Flow l/min	Reaction kg	Flow l/min	Reaction kg	Flow l/min	Reaction kg
50	3180	140	3480	170	4010	230	4500	290
57	4010	180	4430	220	5110	290	5680	360
64	4960	220	5450	270	6280	360	7040	450
70	6020	270	6590	320	7610	430	-----	-----

Stacked Tip Model YST-4NN Flow Table

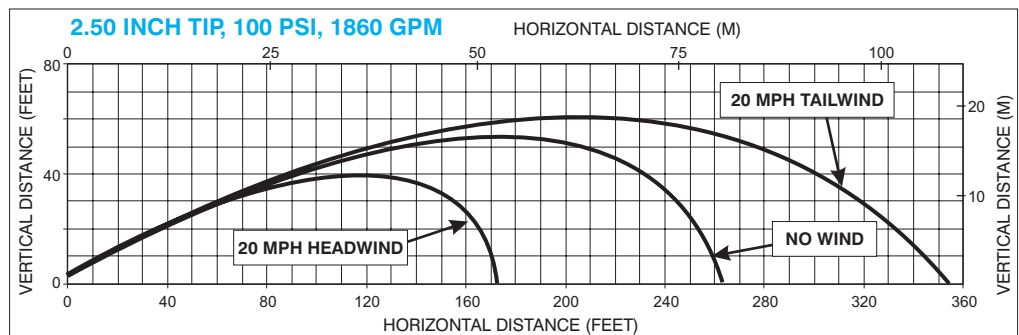


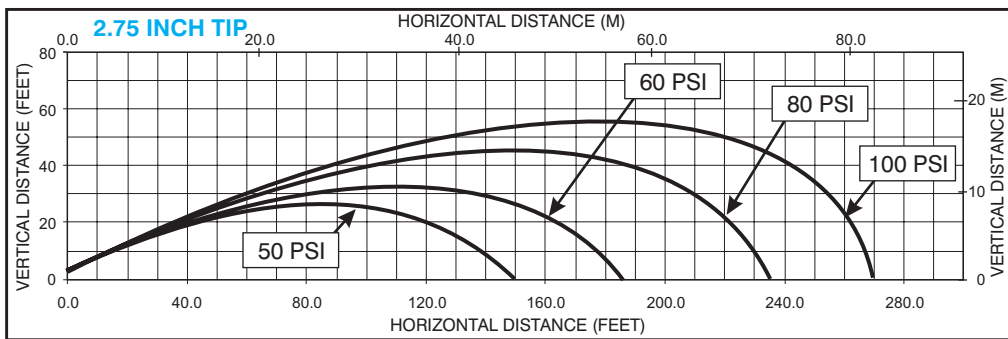
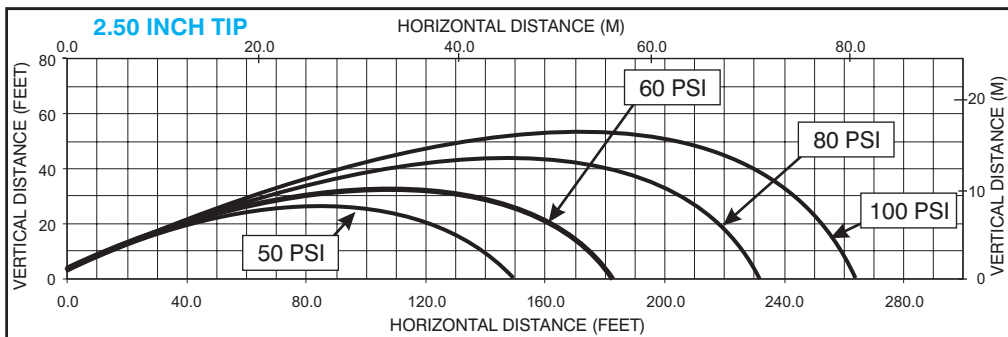
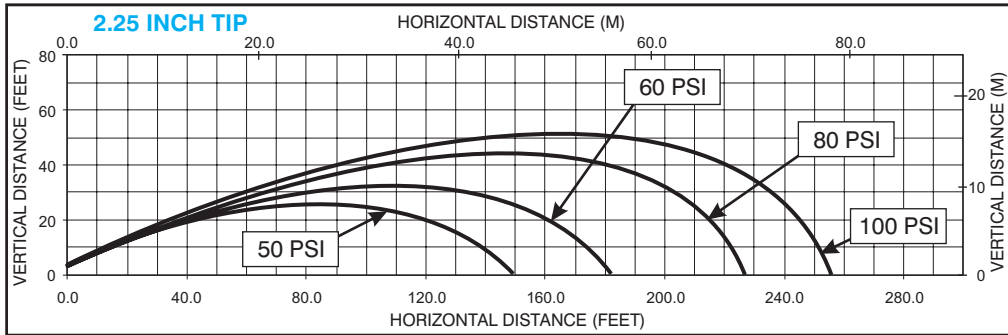
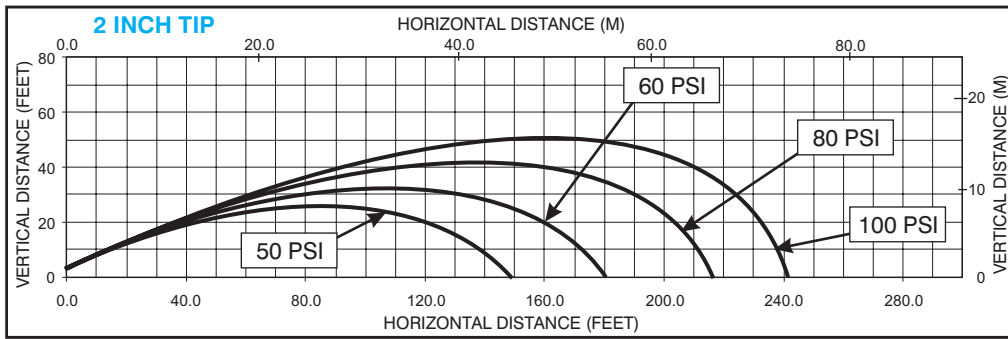
Stacked Tip Model YST-4NN Flow Graph

## Effects Of Wind On Reach

This graph shows approximately how a moderate wind can affect stream reach.

1 ft = 0.3048 m





Stacked Tip Model YST-4NN Stream Trajectory Graphs

### Effects of Elevation of Trajectory

This graph is approximate only. Critical applications should be tested in actual conditions to verify adequate reach.

