0.4 mach = 304 MPH

**2" piping**  
1.57 x 2 = 3.14 sq in  
300 cfm = 156 mph = 0.20 mach  
400 cfm = 208 mph = 0.27 mach  
500 cfm = 261 mph = 0.34 mach  
585 cfm max = 304 mph = 0.40 mach

**2.25" piping**  
3.9740625 sq in = 1.98703125 x 2  
300 cfm = 123 mph = 0.16 mach  
400 cfm = 164 mph = 0.21 mach  
500 cfm = 205 mph = 0.26 mach  
600 cfm = 247 mph = 0.32 mach  
700 cfm = 288 mph = 0.37 mach  
740 cfm max = 304 mph = 0.40 mach

**2.5" piping**  
4.90625 sq in = 2.453125 x 2  
300 cfm = 100 mph = 0.13 mach  
400 cfm = 133 mph = 0.17 mach  
500 cfm = 166 mph = 0.21 mach  
600 cfm = 200 mph = 0.26 mach  
700 cfm = 233 mph = 0.30 mach  
800 cfm = 266 mph = 0.34 mach  
900 cfm = 300 mph = 0.39 mach  
913 cfm max = 304 mph = 0.40 mach

**2.75" piping**  
5.9365625 sq in = 2.96828125 x 2  
300 cfm = 82 mph = 0.10 mach  
400 cfm = 110 mph = 0.14 mach  
500 cfm = 137 mph = 0.17 mach  
600 cfm = 165 mph = 0.21 mach  
700 cfm = 192 mph = 0.25 mach  
800 cfm = 220 mph = 0.28 mach  
900 cfm = 248 mph = 0.32 mach  
1000 cfm = 275 mph = 0.36 mach  
1100 cfm max = 303 mph = 0.40 mach

**3.0" piping**  
7.065 sq in = 3.5325 x 2  
300 cfm = 69 mph = 0.09 mach  
400 cfm = 92 mph = 0.12 mach  
500 cfm = 115 mph = 0.15 mach  
600 cfm = 138 mph = 0.18 mach  
700 cfm = 162 mph = 0.21 mach  
800 cfm = 185 mph = 0.24 mach  
900 cfm = 208 mph = 0.27 mach  
1000 cfm = 231 mph = 0.30 mach  
1100 cfm = 254 cfm = 0.33 mach  
1200 cfm = 277 mph = 0.36 mach  
1300 cfm max= 301 mph = 0.39 mach