

Exhaust Pipe Size Estimate: A good section of straight pipe will flow about 115 CFM per square inch of area. Here's a quick table that shows how many CFM each common pipe size will flow, as well as the estimated max horsepower for each pipe size:

| Pipe Diameter (inches) OD | Pipe Area (in <sup>2</sup> ) | Total CFM (est.) | Max HP Per Pipe | Max HP For A Dual Pipe System |
|---------------------------|------------------------------|------------------|-----------------|-------------------------------|
| 1 1/2                     | 1.48                         | 171              | 78              | 155                           |
| 1 5/8                     | 1.77                         | 203              | 92              | 185                           |
| <b>1 3/4</b>              | <b>2.07</b>                  | <b>239</b>       | <b>108</b>      | <b>217</b>                    |
| 2                         | 2.76                         | 318              | 144             | 289                           |

All pipes are assumed to be 16-gauge steel (1/16").