

# **Technical Bulletin**

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## **Average Horsepower Required to Compress Air**

The following chart is intended as a general guide for the average horse power that is required to compress air in normal operations. Actual horse power required for any given compression application must be determined with the equipment that is being utilized and in the environment in which the system must operate.

### **Average Horsepower Required to Compress Air**

Horsepower required to compress one cubic foot of air per minute.  
(HP plus 15% to compensate for inefficiencies.)

<u>PSI</u>	<u>Required Horsepower</u>
10	0.041
20	0.071
30	0.096
40	0.118
50	0.136
75	0.175
90	0.195
100	0.207
125	0.234
150	0.258
175	0.282

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***AIR-OPTIONS, INC.***

*Affordable Solutions for Compressed Air*

*P.O. 35984 Houston, Texas 77235-5984  
Ph.: 713-721-9619 Fax.: 713-726-1931*