



Part Description= Vacuum cleaner motor housing  
 Part Volume = 6.98 Cubic Inches  
 Part Dimensions = 5.5 X 6.5 X 5.25 Inches

### 3D Printer Benchmark Results

3D Printer Model	Z Build Height	Build Time	Finish Time	Total Cost Per Model*
<b>Z Corp Z310 / Z510</b>	<b>.004"</b>	<b>3 Hrs 31 Min</b>	<b>1 Hour</b>	<b>\$16.94</b>
<b>Stratasys Dimension</b>	.01"	30 Hrs 46 Min	1 Hour	\$88.86
<b>3D InVision Si2</b>	.0002"	17 Hrs 37 Min	1 Hour	\$151.56

\*All build, support and other material costs to build a complete part.

### Service Bureau Costs

(The cost to outsource this part. Average price from numerous sources)

Process	Material	Cost
SLA	Somos 10120	\$732
SLA	SL7540	\$1,336
SLA	Waterclear	\$874
SLS	Duraform	\$1,213
FDM	ABS	\$732
FDM	ABS – Color	\$916

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