## KITTOKE=

BOXBUILDING
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: Conesesiong char
Introduction to Enclosures
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- Pros.


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Sealed enclosures
















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Bandpass enclosures


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comparison graph of different types of enclosures with the same woofer
sobaric Enclosures





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## Building and Designing Enclosures

Building the Enclosure





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Designing General Enclosures

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$\qquad$







$57 / 2$ driveress 1,79 cut. f. per draver



Cese









$3.5 \times 125^{5}=193,75$


## 




mgeded Encosurues
Using figurea






3 3.53/201.7.75 cu.f feer driver


## 

#  

Using Figure. .


$5+13=1818182=9$

$77^{7} .4=13^{3} \mathrm{Hgh}$
So the exterana dimension s for the fists part are ffly.
${ }^{13}$ High $\times 44$ " Long $x$ - Wide
Wellgo ahead and figure the volume of this enclossure using intemal dimensions). Subtratat only one thickeess of wood foom this height.






## Box Building Hints







玉ã






## conversion Chart

mille $=.001$ microoe .0.0000 kilo $=1000 \mathrm{Mega}$ e $1.000,000$

| Port Diameter | Inside Area |  | Outside area |
| :---: | :---: | :---: | :---: |
| 1 in | 0.785 sqin | 1.76 sqin | K. 8.8 in |
| 1.5 in | 1.766 sqin | 3.42 sqin | $1.33 \times 1.33 \mathrm{in}$ |
| $2{ }^{\text {in }}$ | 3.142sqin | 4.09989 in | $1.77 \times 1.77 \mathrm{in}$ |
| 3 3in | 7.06s sqin | 9.62 3 sin | $2.66 \times 2.66$ in |
| 4 in | ${ }^{12565699}$ | 15.90499 | 3.54x $\times$.44in |
| 5 in | ${ }^{19.6358980}$ | 27.7589 in | $4.43 \times 4.43 \mathrm{in}$ |
| ${ }_{6}$ in | 28.774 s in | 33.18389 in | $5.32 \times$ 5.32 in |
| 8 in | 50.25 sqin | 55.74 sqin | 7.09 |

