Subject: Pi Align
Posted by boblaz@yahoo.com on Fri, 28 Sep 2001 21:34:41 GMT
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I have run the numbers for the eminence delta 15 and the program is providing very odd numbers for the enclosure ie;cabinet: motor parameters used:encl type reflexencl vol .2222222 lo cut 30ideal fr 675 hi cut 1600ideal q .5314961 eff 101encl fr 127.9479 power 300encl q .888889 impedence 8encl ht 10.90272 quantity 1encl wd 7.268482 vas 10.4encl dp 4.845655 qd 45 frd 40

Subject: Using Pi Align
Posted by Wayne Parham on Sat, 29 Sep 2001 00:27:01 GMT
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Please read the "readme.txt" file contained in the distribution archive. This will tell you the proper format for the variables used by PiAlign. There are a few things that are commonly mistaken:1. All dimensions use Imperial units, i.e. inches, feet, etc.2. Not all are the same unit in the PiAlign program. Ve is in cubic feet but port dimensions are in inches and sq. inches. Cabinet dimensions are also in inches. The formulas on the Pi Alignment Theory whitepaper all "expect" units to be normalized to the same units, but the program uses those that are most common for the given term.3. Vad=Vas, Frd=Fts and Qd=1/Qts. Note that Qd is not the same as Qts.I am certain that one of these is the reason why your results were incorrect.

Subject: Re: Using Pi Align
Posted by boblaz@yahoo.com on Sat, 29 Sep 2001 11:03:52 GMT
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Thanks!!! It is working now. I failed to compute Qd properly.