
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](mailto: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.
