

# Re: AC Induction Motors burning out under no load?

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*Source:* <http://sci.tech-archive.net/Archive/sci.electronics.design/2005-07/msg01290.html>

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- *From:* Mark <Mark@>
  - *Date:* Sun, 10 Jul 2005 21:40:59 +0200
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On Sun, 10 Jul 2005 10:41:32 -0400, "Tam/WB2TT"  
<t-tammaru@c0mca\$t.net> wrote:

>  
>"Mark" <Mark@> wrote in message  
>[news:2dp1d1t2chrhc20r4e5kdjk8ih9luv54k@xxxxxxxxxxx](mailto:news:2dp1d1t2chrhc20r4e5kdjk8ih9luv54k@xxxxxxxxxxx)  
>> On Sun, 10 Jul 2005 03:19:08 GMT, Rich Grise <richgrise@xxxxxxxxxxx>  
>> wrote:  
>>  
>>>On Fri, 08 Jul 2005 22:43:32 +0200, Mark wrote:  
>>>  
>>>> Not exactly electronics but most probably the best place to ask. I am  
>>>> looking into the design of a blower unit to inflate bouncy castles  
>>>> etc. The normally use a 1.5HP, capacitor start AC Induction motor with  
>>>> an impeller housed in a Snail shell type housing. One comment that has  
>>>> come up during my research into a design, is that users of these  
>>>> things are saying that if a blower is left running but not inflating  
>>>> anything, they burn out after a while under no load. Is this a motor  
>>>> problem or is it a cooling problem, any idea's.  
>>>>  
>>>>  
>>>>Why not just ask somebody that's already doing it? Or are they  
>>>>the ones who are scaring you? ;-)  
>>>>  
>>>>Have Fun!  
>>>>Rich  
>>>>  
>> Yep one of our suppliers new products is having this problem, thats  
>> why we they are bothering to look at doing it themselves.  
>  
>So, what do they want you to do?  
>  
>Tam

Help them design one that does not burn out? Sorry I did not make myself clear.

>

- **References:**

- ◆ **AC Induction Motors burning out under no load?**
  - ◇ From: Mark
- ◆ **Re: AC Induction Motors burning out under no load?**
  - ◇ From: Rich Grise
- ◆ **Re: AC Induction Motors burning out under no load?**
  - ◇ From: Mark
- ◆ **Re: AC Induction Motors burning out under no load?**
  - ◇ From: Tam/WB2TT

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