

Re: ionic breeze ion transformer diode

Source: <http://sci.tech--archive.net/Archive/sci.electronics.repair/2005-11/msg01330.html>

- *From:* Sam Goldwasser <sam@xxxxxxxxxxxxxxxxxxxxxx>
 - *Date:* 21 Nov 2005 12:11:12 -0500
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szekeres@xxxxxxx (GregS) writes:

> In article <1132540440.041940.285360@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx>, "HarryHydro"
> <harryhydro@xxxxxxxxxxx> wrote:

>>Hi Folks:

>> I have two Sharper Image Ionic Breeze units. These worked good
>>when they worked. One broke about a year after I bought it, the second
>>broke just recently. Actually, they both seem to be making high
>>voltage, but now neither are moving air. I suspect the rectifier
>>diodes in the transformers are shorted. They both just hiss. The last
>>working unit hissed and pumped air, but now it just hisses, like the
>>other one. I'm hunting for a supplier for a replacement transformer.
>>Also, is it me or do these things suck when it comes to reliability?
>>;-) I did run them 24/7.

>>

>>Thanks Folks!

>>Harry

>>

>

> If the diodes are shorted, I would think a 10KV would
> work. Ionizers usually run up over 5KV. DC Ionic breezes
> can be measured. A Neon lamp with a dual electrode wand
> flashes as electrons are collected. A digital DC voltmeter
> can also be used. Hold one probe with one hand, hold
> the other NEAR but not touching the device. The voltage
> will increase as charges are collected. If it putting out AC,
> there will be no charge collected. I've had trouble lately
> looking for suppliers of suitable transformers. Ozone
> generators use AC, not DC.

They may need to be fast recovery/high frequency diodes.

--- sam | Sci.Electronics.Repair FAQ: <http://www.repairfaq.org/>
Repair | Main Table of Contents: <http://www.repairfaq.org/REPAIR/>
+Lasers | Sam's Laser FAQ: <http://www.repairfaq.org/sam/lasersam.htm>
| Mirror Sites: http://www.repairfaq.org/REPAIR/F_mirror.html

Important: Anything sent to the email address in the message header above is ignored unless my full name is included in the subject line. Or, you can

Re: ionic breeze ion transformer diode

contact me via the Feedback Form in the FAQs.

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- **References:**

- ◆ **ionic breeze ion transformer diode**

- ◆ *From:* HarryHydro

- ◆ **Re: ionic breeze ion transformer diode**

- ◆ *From:* GregS

- Prev by Date: **Re: "Cracking Open" A Kodak Carousel 4400**

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