

1. **Are there standard sizes?**

We have 30 standard sizes and we can make custom sizes as well. Common sizes vary by region.

2. **What is the power consumption?**

Our Polarized-Media Air Cleaner uses 24 Volts AC and can connect to the R and C terminals on most furnace control boards. The air cleaner consumes 1.4 Watts of power and the powerhead Volt-Amps (VA) draw is 1.45 VA.

3. **Does it need a separate transformer?**

Usually transformers on the system are 40 VA, So in most cases, no. However, if you're installing more than 2, or the transformers VA are being used up by other components, then you may need to wire a separate transformer.

4. **Does the air cleaner create any ozone?**

No, the P-MAC is a polarization technology and not ionization. Air cleaners that work off ionization will create ozone.

5. **What's the pressure drop?**

If sized right, it's about 0.12 Inches Water Gauge (IWG) which is the same or lower than most store-bought filters. Other consideration, like with any filter, are the P-MAC's size, return size, and tonnage of the system.

6. **Does it come in 2-inch design?**

For commercial yes, for residential no.

7. **How long will the media pad last?**

- The media should be changed approximately every 3 months. Since the air has never been cleaned the first media pad will naturally get dirtier quicker.
- Home conditions can shorten or extend the life of the media. For example, if you have large pets, heavy foot traffic, or cook a lot, the media pad will get dirtier faster than a home with no pets or a seasonal home.

8. **How long is the cord that comes with it?**

10 feet

9. **What do you do if the chord isn't long enough?**

Splice the 18/2-gauge thermostat wire



10. **What is the warranty on the powerhead?**

Lifetime

11. **How do I know the existing size of the air cleaner?**

In the upper left-hand corner of the P-MAC, by the red clip, there is a sticker with the size part number, media replacement, and model number order size.



12. **How do I know that the air cleaner is working and polarizing?**

The red LED light, near the plug in, will be lit. You can also push the screens in slightly and you will hear a snapping sound.

13. **Is it normal for the P-MAC to have a snapping noise?**

- No. Metal burrs from manufacturing may be inside the media and will cause a buzzing or snapping sound. Moist replacement media will also cause these sounds.
- If it does have a snapping sound, take the media out and shake it, put it back in, and the sound should go away.
- Media stored in a humid area may take an hour or so to dry out and the noise will dissipate.

