Purity Low Profile captures particulates of all sizes (down to an incredibly small 0.1 microns). It uses an polarized charge to attract and clump particles together making them easier to capture without restricting air-flow.

PLP CAPTURES

COARSE PARTICLES (%<10 microns)
- Bacteria
- Dust & dirt
- Dust mites & debris
- Mold spores
- Pet dander
- Pollen

FINE PARTICLES (%<2.5 microns)
- Viruses
- Atmospheric dust
- Pet allergens
- Smog
- Soot
- Tobacco smoke

Now, more than ever, providing the best possible air quality for occupants is a high priority for commercial building owners and managers. Conventional HVAC filters only capture the largest particles. Unfortunately, it’s the fine particulates that are the greater threat. Purity Low Profile Commercial captures the smallest particles (known as PM 2.5) down to 0.1 microns and has achieved 97% efficiency removing 0.3 micron particulates in laboratory testing.

- According to the Indoor Air Quality Procedures outlined in the ASHRAE Standard 62-2001, large buildings using the polarized filtration system could cut their outside air requirements by half or even two thirds.
- 97% effective capturing particles down to .3 microns (.00001 inch)
- Pressure drop as low as 0.4 WC @ 500 fpm
- Only 1 watt of electricity per panel
- 30% odor-causing VOC reduction per pass
- Low-cost media replacement (*4-6 months on average)
- Fits standard 2” commercial filter slot
- Lifetime system warranty

SAND GRAIN
63 - 2000 microns

DUST MITE
300 microns

BACTERIA
0.3 - 5 microns

VIRUS
0.2 microns

WWW.FRESHAIREUV.COM
EASY INSTALLATION
1” & 2” Panel Air Cleaners are designed to retrofit into the existing filter rack HVAC systems. To power the PLP Commercial system, connect to the existing 24 VAC controls transformer, a separate hard-wired transformer, or a plug-in adaptor.

PLP FILTER ORDER FORM
Requested By
NAME _______________________________________________
COMPANY ____________________________________________
PHONE _______________________________________________
EMAIL _______________________________________________
CITY __________________  STATE _______

CONFIGURATION
Specify NOMINAL or ACTUAL size

<table>
<thead>
<tr>
<th>DIMENSIONS</th>
<th>WIDTH</th>
<th>HEIGHT</th>
<th>DEPTH</th>
<th>1 INCH</th>
<th>2 INCH</th>
</tr>
</thead>
<tbody>
<tr>
<td>NUMBER OF PANELS</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>QUANTITY</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Specifications
| Performance | 97% @ 0.3 micron |
| Pressure Drop | 0.12" @ 300 FPM |
| Dimensions | <⅛” of filter size |
| Electrical | 24VAC, 0.07amps, 1.5VA, 50/60 Hz |
| Warranty | Lifetime all parts except media |
| Part# | TUV-PLP2-XXYY |
| Replacement Media | TUV-PLPM-1-XXYY |

LOW PROFILE POLARIZED FILTRATION SYSTEM

WWW.FRESHAIREUV.COM  SALES@FRESHAIREUV.COM  800-741-1195