

1" POLARIZED HVAC FILTRATION SYSTEM

Conventional HVAC filters only capture the largest particles. Unfortunately, it's the fine particulates that are the greater threat. There are costly filter systems on the market which capture fine particles but they require expensive retrofitting and tend to restrict air-flow, which increases static pressure resulting in reduced HVAC efficiency and energy loss. PLP offers high-efficiency polarized filtration with low static pressure which provides continuous (multiple pass) high-efficiency filtration.

FEATURES

Provides continuous high-efficiency filtration delivering up to 97% capture at .3 microns during multi-pass operation

UV-reactive filter media with antimicrobial nanotechnology

Fits standard 1" filter slot

Lifetime system warranty

BENEFITS

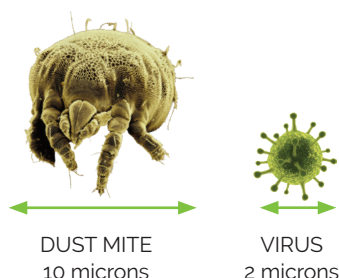
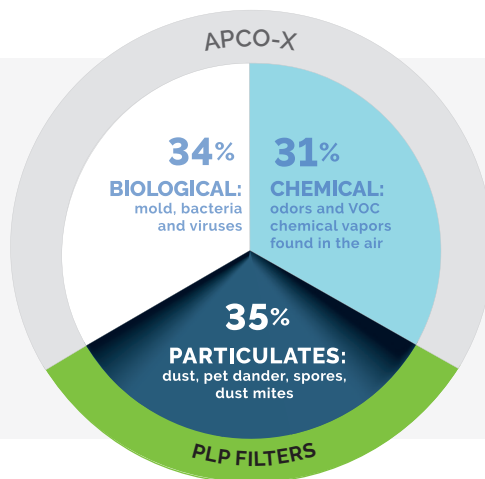
Low-cost media replacement (3-6 months on average)

Captures particulates, allergens, pet dander, dust mites, spores, etc.

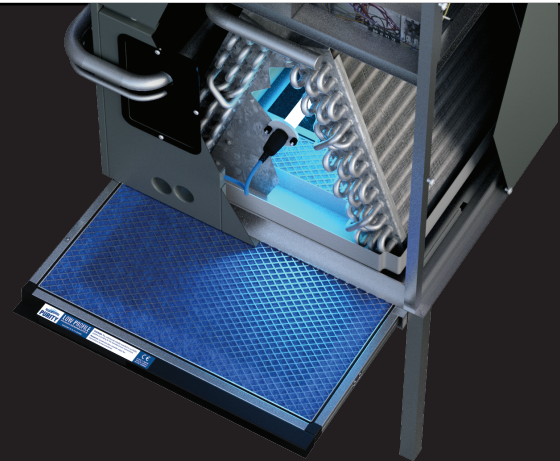
Helps to reduce odors and VOCs

PLP CAPTURES 35%

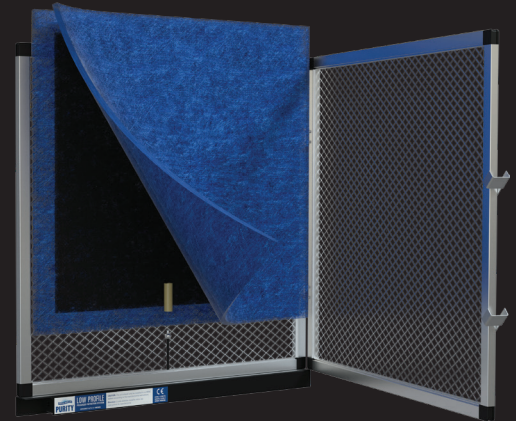
35% of airborne contaminants are particulates (the other 65% are microorganisms, odors and VOCs). PLP works in conjunction with other IAQ devices such as APCO products to improve Indoor Air Quality.



Purity Low Profile captures particulates of all sizes (down to an incredibly small 0.3 microns). It uses an polarized charge to attract and clump particles together making them easier to capture on the filter without restricting air-flow.



PLP filter media is safe for use with germicidal UV lights. Most HVAC filters are not.



PLP CAPTURES



COARSE PARTICLES (<10 microns)

- Bacteria
- Dust & dirt
- Dust mites & debris
- Mold spores
- Pet dander
- Pollen



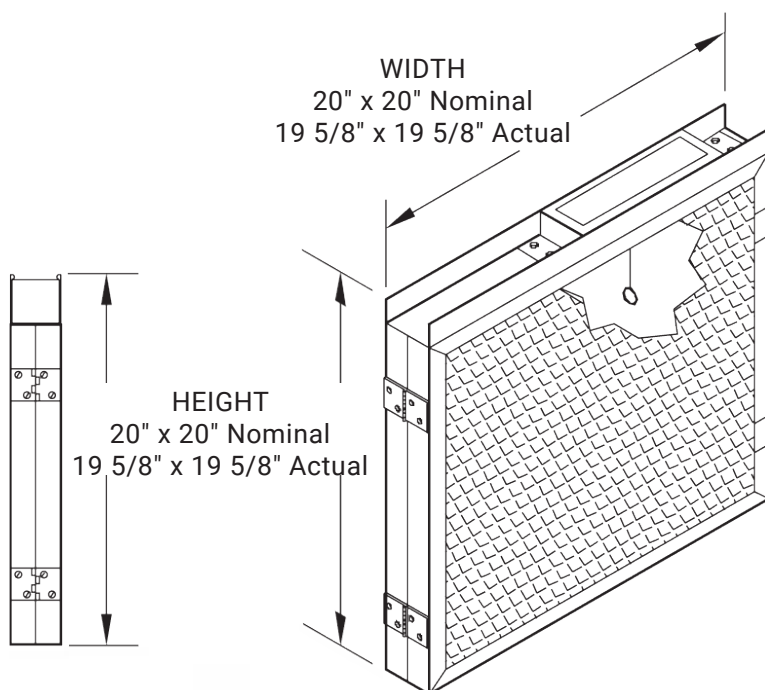
FINE PARTICLES (<2.5 microns)

- Atmospheric dust
- Pet allergens
- Smog
- Soot
- Tobacco smoke
- Viruses

NOMINAL vs. ACTUAL

To order PLP filters start by determining the size. Filters can be ordered by NOMINAL or ACTUAL SIZE.

NOMINAL size is determined by measuring the space the filter fits in, ACTUAL size is determined by measuring the filter itself, generally 3/8" less than NOMINAL in both dimensions. So if the NOMINAL size is 20" x 20", the ACTUAL size of the filter itself is 19 5/8" x 19 5/8".



MODELS & SIZES

MODEL	MEDIA	Size
TUV-PLP-20X25NB	TUV-PLPM-1-20X25NB	20" X 25"
TUV-PLP-20X24NB	TUV-PLPM-1-20X24NB	20" X 24"
TUV-PLP-20X22NB	TUV-PLPM-1-20X22NB	20" X 22"
TUV-PLP-20X20NB	TUV-PLPM-1-20X20NB	20" X 20"
TUV-PLP-18X20NB	TUV-PLPM-1-18X20NB	18" X 20"
TUV-PLP-18X18NB	TUV-PLPM-1-18X18NB	18" X 18"
TUV-PLP-16X16NB	TUV-PLPM-1-16X16NB	16" X 16"
TUV-PLP-16X25NB	TUV-PLPM-1-16X25NB	16" X 25"
TUV-PLP-16X24NB	TUV-PLPM-1-16X24NB	16" X 24"
TUV-PLP-16X20NB	TUV-PLPM-1-16X20NB	16" X 20"
TUV-PLP-14X25NB	TUV-PLPM-1-14X25NB	14" X 25"
TUV-PLP-14X24NB	TUV-PLPM-1-14X24NB	14" X 24"
TUV-PLP-14X20NB	TUV-PLPM-1-14X20NB	14" X 20"
TUV-PLP-12X12NB	TUV-PLPM-1-12X12NB	12" X 12"
TUV-PLP-12X20NB	TUV-PLPM-1-12X20NB	12" X 20"
TUV-PLP-12X24NB	TUV-PLPM-1-12X24NB	12" X 24"
TUV-PLP-14X14NB	TUV-PLPM-1-14X14NB	14" X 14"
TUV-PLP-14X30NB	TUV-PLPM-1-14X30NB	14" X 30"
TUV-PLP-15X20NB	TUV-PLPM-1-15X20NB	15" X 20"
TUV-PLP-16X30NB	TUV-PLPM-1-16X30NB	16" X 30"
TUV-PLP-18X24NB	TUV-PLPM-1-18X24NB	18" X 24"
TUV-PLP-20X30NB	TUV-PLPM-1-20X30NB	20" X 30"
TUV-PLP-24X24NB	TUV-PLPM-1-24X24NB	24" X 24"
TUV-PLP-24X30NB	TUV-PLPM-1-24X30NB	24" X 30"
TUV-PLP-25X25NB	TUV-PLPM-1-25X25NB	25" X 25"
TUV-PLP-16.500X21.625NB	TUV-PLPM-1-16.50X21.62NB	16.5" X 21.62"
TUV-PLP-20X21.625NB	TUV-PLPM-20X21.625NB	20" X 21.62"
TUV-PLP-21.500X23.250NB	TUV-PLPM-21.500X23.250NB	21.5" X 23.25"

SPECIFICATIONS

Purity Low Profile	
Performance	97% @ 0.3 micron (multiple pass operation)
Pressure Drop	0.12" @ 300 FPM
Dimensions	<3/8" of filter size x 1" deep
Electrical	24VAC, 0.07amps, 1.5VA, 50/60 Hz
Warranty	Lifetime all parts except media



**DESIGNED &
ASSEMBLED
IN THE U.S.A.**