



505,238M
06/2006

MERV 16 FILTER

INSTRUCTIONS FOR USE OF MERV 16 REPLACEMENT FILTERS (X6666 AND X6669) WITH PCO AIR PURIFICATION SYSTEMS

Application

This MERV 16 filter may be used to replace an existing MERV 9 filter in a Healthy Climate™ PCO air purification system. Filter X6666 is used with PCO-12C and filter X6669 is used with PCO-20C or PCO-20P. Refer to following section for application requirements.

NOTE - In all cases when replacing an existing filter with one that is more efficient, it is important to consider proper air flow and pressure drop. Refer to the Engineering Handbook for filter ratings.

⚠ IMPORTANT

MERV 16 filters cannot tolerate direct exposure to UVA light. Modified UVA lamps must be properly installed before filter replacement to protect MERV 16 filter. Install replacement lamps so that blackened side of lamp faces MERV 16 filter.

PCO Air Purification System Application Requirements

When a MERV 16 filter is used to replace the existing MERV 9 filter in a Healthy Climate™ PCO air purification system, the UV lamps used in the PCO unit must be replaced prior to the initial installation of a MERV 16 filter. The MERV 16 filter cannot tolerate direct exposure to UVA light. Replacement lamps (X8149) must be installed as shown in figure 1. Replacement lamps must be installed so that the blackened side of the lamp faces the MERV 16 filter. PCO-12C requires four lamps; PCO-20C and PCO-20P require six lamps. Later model PCO air purification systems are shipped from the factory with the MERV 16 filter and the properly modified UVA lamps installed.

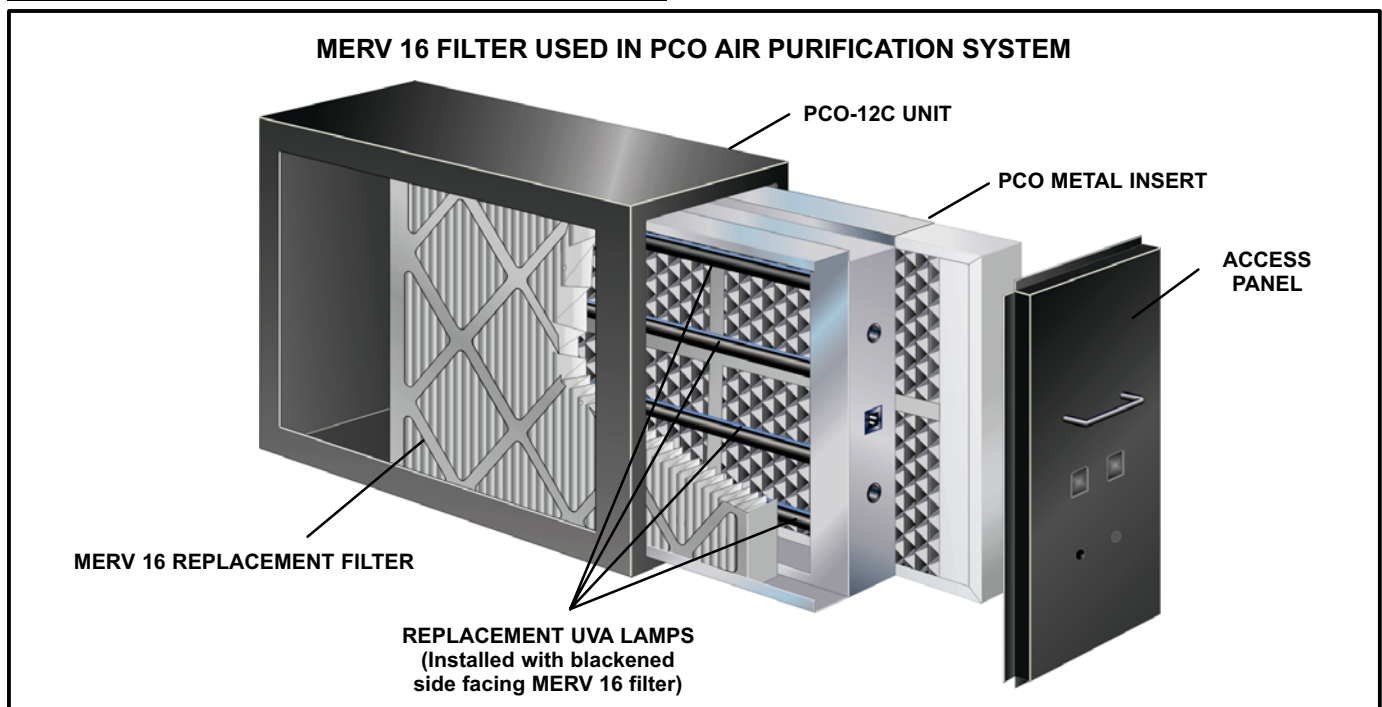


FIGURE 1

