

AIRPHX versus Photocatalytic Oxidation

	AIRPHX	Photocatalytic Oxidation (PCO)
Treats Air	Yes, including air that does not go through unit	Yes, marginally
Treats Surfaces	Yes	Minimal, if at all
Installation	Wall mounted in minutes; self-contained; does not need to be integrated with HVAC	Most require expensive/time consuming mounting in ductwork; need at least one unit in every HVAC zone
Up Front Cost	\$0.025-\$0.04/cubic foot (depending on unit deployed)	Unknown; anecdotally at least several times AIRPHX cost
Maintenance	Less than \$450/yr for PA2400 (filters and plasma cell); < 1/10 of Up Front Cost; no HVAC experience needed	Expensive UV-C bulbs and titanium strips, which begin to lose effectiveness as soon as deployed
Independent Real World Testing	Yes, 90+% reduction of airborne organisms and 95+% reduction of surface organisms	No independent test results available on three leading PCO websites [only websites reviewed]