



MAXIMIZE AIR QUALITY

The Ruud® brand offers an exceptional line of Indoor Air Quality products that allows the customer to control what is in the air they breathe. Our products are designed to clean the air by focusing on filtration, UV application and photocatalytic oxidation.



HOW DO INDOOR AIR QUALITY PRODUCTS WORK

Filtration

Our Indoor Air Quality products control air contaminants by reducing them to acceptable levels or by removing them completely by directing them through a filter.

Ultraviolet Light

UVC light cleans the air by reducing air contaminants so that they are no longer circulated throughout the home.

Photocatalytic Oxidation (PCO)

Photocatalytic oxidation (PCO) technology, activated by the UVC, breaks down harmful VOCs into harmless carbon dioxide and water vapor. Carbon filter panels provide additional protection.



Breathe Easy

Indoor air is filled with particulates, gases, and germs that can cause illness and aggravate asthma and other respiratory problems. Asthma and allergies strike 1 out of 5 Americans according to the Asthma and Allergy Foundation. According to the U.S. Center for Disease Control (CDC), indoor air contains three types of pollutants: germs, particulates, and gases. This pollution is a major source of allergic reactions.

Particles such as dust, smoke, pollen, pet dander, and dust mites are too small to see with the naked eye, but they can be a major problem for those with allergies and asthma. Germs aren't always visible, there could be bacteria on surfaces at home or other places where people gather like schools or offices. VOCs or volatile organic compounds are airborne toxins that cause allergic reactions due to off gassing of household cleaners, paints, air fresheners, and other sources.

DID YOU KNOW...

- According to the EPA, indoor air pollutant levels are often 2 to 5 times higher than outdoor levels, and in some cases can exceed 100 times that of outdoor levels of the same pollutants.
- VOCs may cause eyes, nose and throat irritations, headaches, liver and kidney damage and nausea.
- Radon is the 2nd leading cause of lung cancer.
- Second-hand smoke and microbiologicals can lead to allergic reactions, asthma and other respiratory ailments.

Source: www.epa.gov/IAQ

EXACT-FIT MEDIA AIR CLEANERS

- Comes with a high-efficiency MERV 13 filter to trap particles as small as .5 micron, including pollen, dust, and dander
- Installs into ducted central heating and air conditioning systems
- Easy media filter replacement
- Meets ANSI/ASHRAE 52.2 standards
- Robust heavy duty metal construction
- Perfect for any residential or commercial forced air heating or cooling system up to five tons
- 10-year limited warranty



PART NUMBER	WORKS WITH	CABINET SIZE (in.)	MEDIA SIZE (in.)	RATED AIR FLOW (cfm)	MERV RATING	MERV13 REPLACEMENT MEDIA
UXGF-E17M13	Gas Furnace	17.5 x 28 x 6.875	17.5 x 28 x 5	1800	13	54-109477-01
UXGF-E21M13	Gas Furnace	21.0625 x 28 x 6.875	21 x 28 x 5	2000	13	54-109477-02
UXGF-E24M13	Gas Furnace	24.5 x 28 x 6.875	24.5 x 28 x 5	2000	13	54-109477-03
UXHF-E17M13	Air Handler	17.5 x 21 x 6.8125	17.5 x 21 x 5	1400	13	54-109477-04
UXHF-E21M13	Air Handler	21.0625 x 21 x 6.8125	21 x 21 x 5	1800	13	54-109477-05
UXHF-E24M13	Air Handler	24.5 x 21 x 6.8125	24.5 x 21 x 5	2000	13	54-109477-06

IN-DUCT UV AIR TREATMENT SYSTEM

- Compact lamp head design
- Built-in twist lock safety switch
- Easy lamp replacement
- Ballast and power head pre-wired. External ballast mounted separately for installation flexibility.
- 10-year limited warranty (lamp: 90 days)
- Replacement Lamp: 54-109479-02



PART NUMBER	MIN. DUCT WIDTH (in.)	SIZING (tons)	VOLTAGE	LAMP WATTAGE	LAMP INTENSITY (W/cm ² @ 1m)	LAMP LIFE
UXAQ-AV26N0	16	1.5 – 5.0	120	30	62	2 years
UXAQ-AV46N0	16	1.5 – 5.0	24	30	62	2 years

IN-DUCT UV/PCO AIR TREATMENT SYSTEM

- Powerful UVC light
- Photocatalytic oxidation (PCO) technology
- Compatible with existing duct work
- Virtually maintenance free
- Easy to install
- 10-year limited warranty (lamp: 90 days)
- Replacement Lamp: 54-109479-02



PART NUMBER	MIN. DUCT WIDTH (in.)	SIZING (tons)	VOLTAGE	LAMP WATTAGE	LAMP INTENSITY (W/cm ² @ 1m)	STATIC PRESSURE (in wc)	LAMP LIFE
UXAQ-AP26N0	16	1.5 – 5.0	120	30	62	.02	2 years
UXAQ-AP46N0	16	1.5 – 5.0	24	30	62	.02	2 years

3-IN-ONE ELECTRONIC AIR CLEANER

- Photocatalytic oxidation process transforms odors and volatile organic compounds (VOCs) into harmless, odorless water vapor and carbon dioxide
- Powerful UVC light
- MERV 13 media filter efficiency of 92.30% particulate reduction at .3 microns
- 10-year limited warranty (lamp: 90 days)
- Replacement Lamp: 54-109479-01
- Replacement Filter: 54-109478-01



PART NUMBER	CABINET SIZE (in.)	MEDIA SIZE (in.)	SIZING (tons)	VOLTAGE	LAMP WATTAGE	LAMP INTENSITY (W/cm ² @ 1m)	STATIC PRESSURE (in wc)	LAMP LIFE
UXAQ-AT22B3	21 x 25 x 10	20 x 25 x 4	2.5 – 5.0	120	30	2 at 70	.32 @ 1,600	2 years

GENUINE FACTORY AUTHORIZED REPLACEMENT PARTS

PROTECH
Professional HVAC & Water Heating Parts and Supplies



PART NUMBER	DESCRIPTION	FITS PART	SIZE (in.)	WARRANTY	
54-109479-01	PROTECH Replacement Lamp (set of 2)	UXAQ-AT22B3	22	90 days	
54-109479-02	PROTECH Replacement Lamp	UXAQ-AV26N0 UXAQ-AV46N0 UXAQ-AP26N0 UXAQ-AP46N0	16	90 days	

PART NUMBER	DESCRIPTION	FITS PART	SIZE (in.)	
54-109477-01	PROTECH MERV 13 Replacement Filter	UXGF-E17M13	17.5 x 28 x 5	
54-109477-02	PROTECH MERV 13 Replacement Filter	UXGF-E21M13	21 x 28 x 5	
54-109477-03	PROTECH MERV 13 Replacement Filter	UXGF-E24M13	24.5 x 28 x 5	
54-109477-04	PROTECH MERV 13 Replacement Filter	UXHF-E17M13	17.5 x 21 x 5	
54-109477-05	PROTECH MERV 13 Replacement Filter	UXHF-E21M13	21 x 21 x 5	
54-109477-06	PROTECH MERV 13 Replacement Filter	UXHF-E24M13	24.5 x 21 x 5	
54-109478-01	PROTECH MERV 13 Nano-Carbon Replacement Filter	UXAQ-AT22B3	20 x 25 x 4	
PD540041	PROTECH MERV 8 Replacement Filter	UXGF-E17M13	17.5 x 28 x 5	
PD540043	PROTECH MERV 8 Replacement Filter	UXGF-E21M13	21 x 28 x 5	
PD540045	PROTECH MERV 8 Replacement Filter	UXGF-E24M13	24.5 x 28 x 5	
PD540040	PROTECH MERV 8 Replacement Filter	UXHF-E17M13	17.5 x 21 x 5	
PD540042	PROTECH MERV 8 Replacement Filter	UXHF-E21M13	21 x 21 x 5	
PD540044	PROTECH MERV 8 Replacement Filter	UXHF-E24M13	24.5 x 21 x 5	

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In keeping with its policy of continuous progress and improvement, Ruud reserves the right to make changes without notice.

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