

# PLASMACLUSTER AIR PURIFIERS



# Give Your Home

## THE AIR OF CONFIDENCE

Sharp's new air purifiers combine a triple-filtration system with exclusive award-winning Plasmacluster technology.

Sharp has built a worldwide reputation on developing products that enhance your quality of life—and our new air purifiers do just that. The FP-N40CX and FP-N60CX combine passive air filtration with active air treatment to help clear the air of pollen and many airborne irritants. As a result, Sharp's air purifiers go beyond conventional systems—and help many of those who are affected by dust or allergens.

Both of these new air purifiers are armed with a Pre-Filter to catch dust and dirt, a washable Active Carbon Filter to remove common household odors, and a True HEPA filter to capture airborne particles. And each comes complete with Sharp's exclusive Plasmacluster technology, the air purification system that actively emits positive and negative ions which spread throughout the room. Plasmacluster technology has been acclaimed by academic societies throughout the world for its advanced quality and has received many awards, including the Takagi Award from the Society of Non-Traditional Technology.

**FP-N40CX**



**FP-N60CX**



Sharp's new air purifiers include a triple-filtration system and exclusive Plasmacluster technology. The FP-N40CX (left) is ideal for a bedroom or home office; the FP-N60CX (right) is powerful enough for a large family room.



## THE SCIENCE BEHIND THE TECHNOLOGY

Exclusive to Sharp, Plasmacluster technology causes positively and negatively charged ions to be released into the air. These ions are unstable and are immediately surrounded by water molecules. The resulting clusters, which we call Plasmaclusters, spread throughout the room, attaching to airborne particles and molecules.

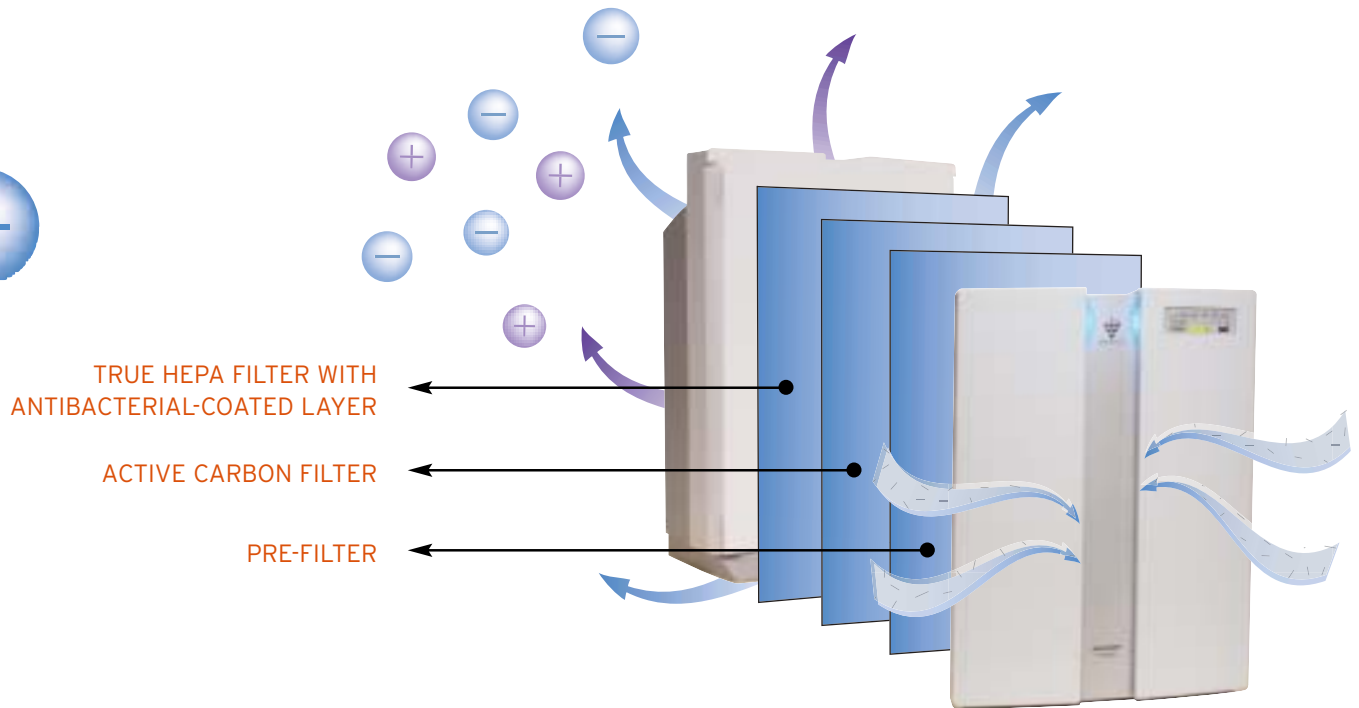
The Plasmacluster system treats the air in your home in a manner similar to the way nature cleans the environment.

Sharp's Plasmacluster Air purifiers help in the elimination of pet odors, cigarette smoke and kitchen smells. They improve the air in the room.

## TRIPLE FILTRATION MEANS TRIPLE CLEAN AIR

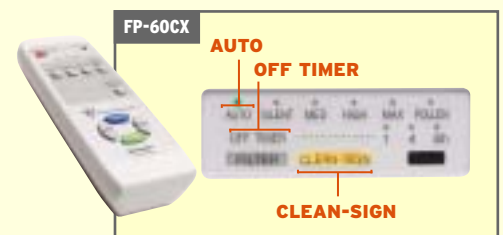
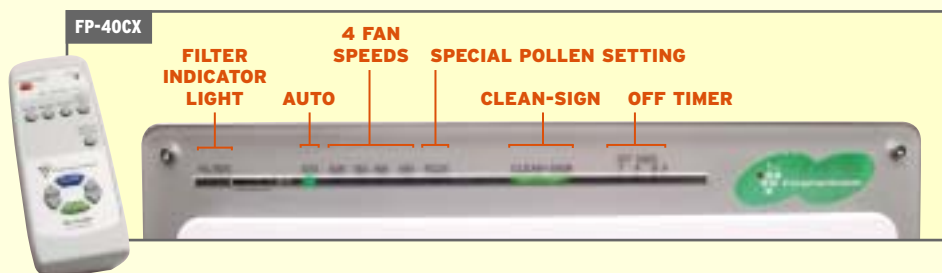
**SHARP PLASMACLUSTER AIR PURIFIERS** keep the air in your home fresh and clean via three filters that fight dust, pollen and second-hand smoke. The pre-filter is designed to capture dust and dirt, the Active Carbon Filter removes chronic household odors, and the True HEPA filter captures 99.97% of particles (as small as 0.3 microns) in the air that passes through it—and has an antibacterial-coated layer for additional protection. Equally important, the triple-filtration system is so efficient, the HEPA and Active Carbon filters will last up to five years, depending upon use and room conditions.

The FP-N60CX and FP-N40CX are easy to operate and effortless to maintain. Both models include Sharp's odor sensor for automatic operation; the FP-N60CX also comes with a dust sensor for additional protection against the most common household allergens. And each of these powerful air purifiers is packaged with an intuitive remote control.



## TRUE CLIMATE CONTROL

When in the Cleaning Mode, the indicator light is blue, signaling that Plasmacluster ions are being emitted into the room. Once the air purifier detects that the room has returned to a clean environment, the indicator light changes to green and it automatically switches to the Ion Balance Control. This function emits negative ions into the room to restore the balance of negative and positive ions within the room.



## DESIGNED TO BE SEEN AND NOT HEARD

**SHARP AIR PURIFIERS HAVE A SLEEK DESIGN** that complements any room of the home. Their elegant lines match any décor, and each can work in countless situations. The FP-N40CX is ideal for a study, bedroom, or home office; the FP-N60CX is strong enough to purify the air in a larger gathering area, like a living room or large family room.

Sharp air purifiers are as quiet as they are powerful. They have four fan speeds, including a Quiet Mode that operates at only 16 decibels—which is as quiet as rustling leaves. They also employ a DC motor and highly efficient inverter control, so they can operate 24 hours a day, 365 days a year. Plus, Sharp has designed these air purifiers to conserve energy, so you can leave them on all the time.



### SHARP'S NEW AIR PURIFIERS ARE IDEAL FOR ANY ROOM

of the home, because they combine powerful passive filtration with an award-winning proactive system that hunts for odors and airborne microorganisms. It's a breakthrough combination—and it's from Sharp. A world leader in life-enhancing products.

# SPECIFICATIONS



Model	FP-N40CX	FP-N60CX
Air Purification System	Plasmacluster & Fan	Plasmacluster & Fan
Plasmacluster Ion Modes	Clean / Ion Control / Auto	Clean / Ion Control / Auto
Plasmacluster Indicator Light	YES	YES
Remote Control	YES	YES
Approximate Recommended Room Size	16' X 20' (253 sq. ft.)	14' X 18' (330 sq. ft.)
CADR (Dust / Tobacco / Pollen)	157 / 163 / 156	209 / 213 / 205
AC Power Requirements	120V / 60Hz / 0.4A	120V / 60Hz / 0.77A
Power Input (Max / High / Med / Silent)	25 / 14 / 6 / 3	54 / 19 / 9 / 4
Inverter Operation	YES	YES
Air Flow (Max / High / Med / Silent) (CFM)	141 / 106 / 60 / 18	212 / 131 / 88 / 28
Noise Level (Max / High / Med / Silent) (dBA)	44 / 38 / 26 / 15	50 / 40 / 31 / 15
Fan Speeds	4	4
Special Program Mode	Pollen	Pollen
Filter Type		
Dust Collection	Pre-Filter & True HEPA	Pre-Filter & True HEPA
Deodorization	Washable Active Carbon	Washable Active Carbon
Anti-Bacteria	YES - Layer on HEPA Filter	YES - Layer on HEPA Filter
Filter Life	Up to 5 years	up to 5 years
Filter Indicator Light	YES	YES
OFF Timer (hours)	1 / 4 / 8	1 / 4 / 8
Sensor		
Odor	YES	YES
Dust	NO	YES
Sensor Sensitivity Selection	NO	YES
Automatic Operation based on Sensor(s)	YES	YES
Clean Sign Indicator	YES	YES
Display ON/OFF Button	YES	YES
Unit Height (inches)	22 1/2	22 1/2
Unit Width (inches)	16 3/8	16 3/8
Unit Depth (inches)	7 15/16	9 7/16
Net / Shipping Weight (lbs.)	15.4 / 19.4	19.8 / 24.7
Safety Standard	cUL	cUL
Performance Standard	ANSI / AHAM AC-1-1988	ANSI / AHAM AC-1-1988

**Designs and specifications are subject to change without notice.**

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AP-06-001

Sharp air purifiers have been tested in accordance with the standards of the Association of Home Appliance Manufacturers for the Clean Air Delivery Rate.

**Clean Air Delivery Rate**  
 Certified Rating

From air cleaner to air cleaner, compare the CADR numbers. First, look at suggested room size. Then refer to the tobacco smoke, dust and pollen Clean Air Delivery Rate (CADR) numbers. The higher the numbers, the faster the unit filters the air.

**This air cleaner is suggested for use in a single closed room up to \_\_\_\_\_ square feet.**

Room size ratings conform to the AHAM Certification Program criteria of 80% smoke reduction. Higher Clean Air Delivery Rates provide improved performance in all room sizes. Portable air cleaners will be much more effective in rooms where all doors and windows are closed.

Tobacco Smoke: \_\_\_\_\_ Dust: \_\_\_\_\_ Pollen: \_\_\_\_\_

These values represent performance that can be expected within the first 72 hours of operation. Subsequent performance may vary with use.

www.cadr.org

Association of Home Appliance Manufacturers **AHAM**

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