

The COVID-19 pandemic has taught us the importance of stopping the spread of harmful diseases. Utilizing multiple mitigation strategies, including indoor air quality, is now recommended to reduce the spread of disease and lower the risk of exposure. The pandemic has also created challenges for the senior living industry, as prospective residents and families find senior living less appealing and occupancy has decreased.

## Through a strong commitment to safety, communities can build trust, recover, and be prepared for the future.

**With a commitment to air quality, a community can provide a safe indoor environment for seniors to reside, staff to care and anyone to visit.**

- Provide peace of mind to the residents, families, and staff
- Protect residents and staff from harmful diseases
- Promote the safety commitment and the benefits of indoor air quality to prospective residents and families, as it will ease the fears of communal living and increase occupancy
- Improve staff recruitment with the safety commitment
- Reduce staff absences with the protection of quality indoor air
- Create a safe and pleasant-smelling environment

Improvements to a ventilation system and the addition of new technology, such as Needlepoint Bipolar Ionization or UVC Lighting, can reduce the spread of disease and lower the risk of exposure.

### **Needlepoint Bipolar Ionization (NPBI) replicates nature's process of cleaning the air.**

Produces negative and positive charged oxygen ions that attach to harmful pathogens, thus neutralizing them or agglomerating their size to be captured by the filter within the HVAC system.

### **UVC Lighting is an intense form of ultraviolet light, similar to sunlight.**

Inactivates harmful pathogens, like viruses, that pass within the effective radius of the bulb. Inactivation is a result of the time of exposure and distance to the light source.



- **Protecting residents and staff is always a top priority.**



- **Ions and ultraviolet light are natural cleaners.**

# Indoor Air Quality Solutions

ENHANCING THE SAFETY WITHIN THE COMMUNITY



# CPS®

There are numerous approaches to modify a ventilation system to improve indoor air quality. **Needlepoint Bipolar Ionization (NPBI)** and **UVC Lighting** are technologies that are effective without compromising the existing system. CPS vendors will collaborate with communities to determine which technologies will provide the safest indoor environments and protection for residents and staff.

CPS Vendors	Installed Systems					Portable	
	Needlepoint Bipolar Ionization (NPBI)	Needlepoint Bipolar Ionization (NPBI) Installation	UVC Lighting	UVC Lighting Installation	Elevators - NPBI & Installation	Portable Air Purifiers	Portable UVC Lighting
Spire	✓	✓	✓	✓	✗	✗	✗
Direct Supply	✓	✓	✗	✗	✗	✗	✗
Ferguson	✓	✗	✓	✗	✗	✓	✓
Scent Air	✓	✓	✗	✗	✗	✗	✗
E Sam Jones	✗	✗	✓	✓	✗	✓	✓
Titan Energy	✗	✗	✓	✓	✗	✗	✗
Otis	✗	✗	✗	✗	✓	✗	✗
ThyssenKrupp	✗	✗	✗	✗	✓	✗	✗

## CPS VENDOR PARTNERS

