



Specification Sheet

CT CleanAir Tower™ (Air Purification Unit)

Description

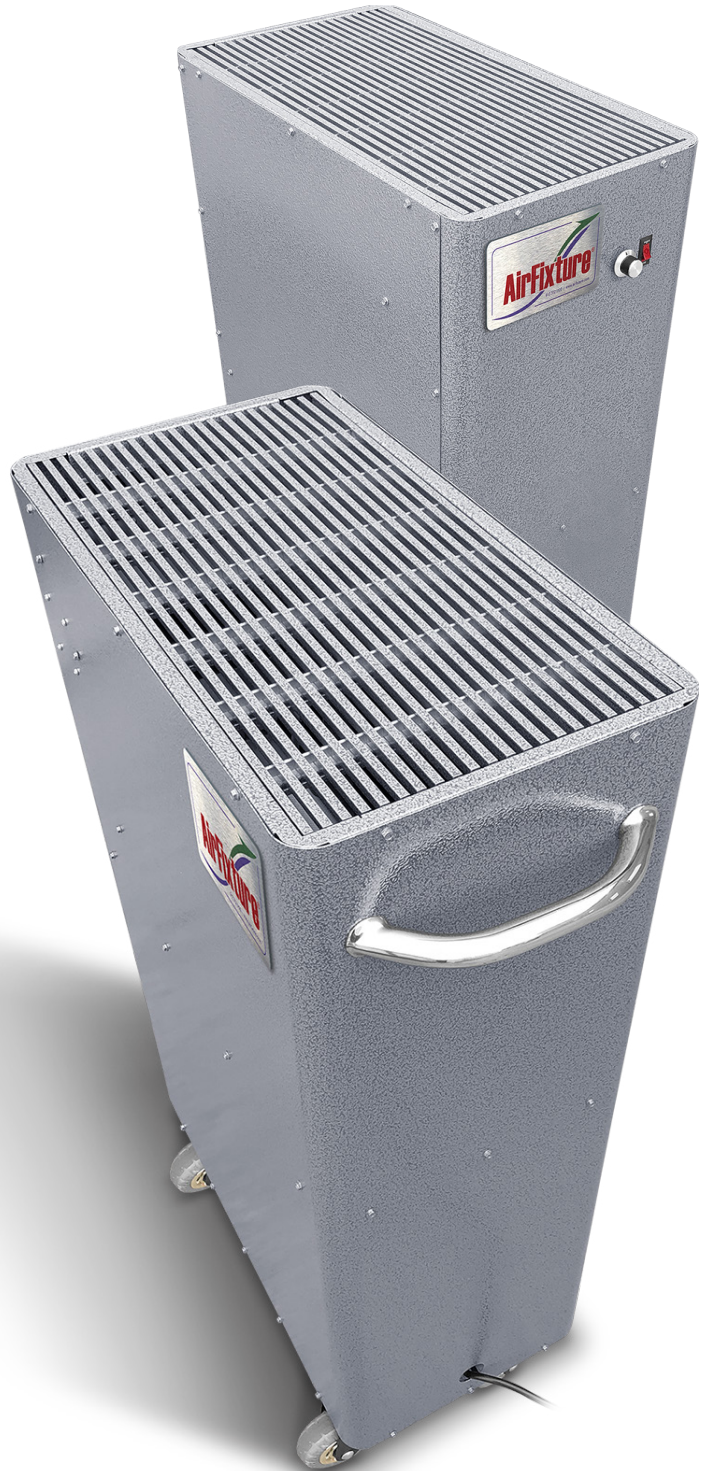
CT (CleanAir Tower) is a mobile air purification unit that utilizes optional Bi-Polar Ionization, UV Light and Air Filtration to help eliminate contaminants in the air.

- Bi-Polar Ionization creates a controlled amount of positive and negative ions, which attract and neutralize contaminants and particles. These ions are then dispersed into the area around the unit via the air flow outlet.
- The UV Light contained inside the unit uses 254nm wavelength ultraviolet light to neutralize airborne pathogens and microorganisms as they pass through.
- The Air Filter uses traditional filtration to catch larger particles as they enter the unit. The standard filter is available as MERV-4 through MERV-13; alternatively, an optional HEPA filter can be provided, which requires a slightly larger unit housing (specify on order).

Each of these individual purification processes can be used in any desired combination, or all together in conjunction to achieve maximum results.

An illuminated on/off switch and fan speed knob provide clear and easily accessible unit control. Power runs through a standard 120V (120/1/60) or 230V (230/1/60) female electrical plug. Multiple features are incorporated to ensure safe and maintenance-free operation, including a tip-over sensor switch and a circuit breaker to protect internal components.

The CleanAir Tower features all-steel construction with a durable factory applied powder coated finish, available in ten (10) standard colors; custom colors and finishes can be provided to match architectural design (specify on order). The grip handle provides convenient mobility along with the large soft rubber rolling casters, which are safe for use on a variety of floor surfaces such as carpet, wood, ceramic, VCT, and more.





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Features & Benefits

- Ships fully assembled, ready for immediate use
- Multiple options for air purification, which can be utilized simultaneously or in any desired combination
 - Bi-Polar Ionization attracts, neutralizes and safely disperses particles and contaminants
 - 254nm wavelength UV Light neutralizes airborne pathogens and microorganisms as they pass through
 - MERV-4 through MERV-13 Air Filtration traps larger particles that enter the unit (specify rating on order)
 - Optional HEPA Filter provides additional filtration (larger unit housing required)
- Optional Bi-Polar Ionization utilizes AtmosAir tube technology
 - Certified Ozone-Free Technology (UL 2998)
 - ASHRAE 62.1 Indoor Air Quality compliant
- Alternate option for Bi-Polar Ionization utilizes iWave-R Needlepoint technology
 - Certified ozone-free under UL 867
 - Self-cleaning design for maintenance-free operation
- Flexible design allows for alternative ionization and UV light capability provided by the customer (contact manufacturer for additional information)
- Fully designed for simple and convenient mobility
 - Accessible ergonomic handle grip
 - Soft rubber rolling casters protect even the most delicate flooring surfaces
- Illuminated on/off switch provides convenient control and power status indication
- Manual occupant air flow adjustment via easily accessible speed control dial
- All working parts are fully contained within the unit housing for safe, reliable operation
- Multiple features ensure safe unit operation with minimal maintenance
 - Circuit breaker for protection of internal components
 - Tip-over switch monitors and fully deactivates unit when an unsafe degree of tilt is detected
- Quiet operation for unintrusive use in occupied spaces such as offices, classrooms, etc.
- Long-lasting run time between service intervals; up to 18,000 hours continuous operation (subject to change based on selected filter options)