ComAir 20T

COMMERCIAL INDOOR AIR PURIFICATION SYSTEM

NURSING CARE FACILITY

CASINOS

PET HOSPITAL

CRUISE SHIPS

HOSPITALS

Commercial Indoor Air Purification System

The ComAir 20T Air Treatment System, from ClearWater Tech, is the most advanced commercial grade HVAC sterilization system available. With germicidal killing power of 300 microwatts and 0-100% variable ozone output, it effectively eliminates bacteria and viruses along with odor from smoke, pets, and food preparation.

The ComAir 20T provides germicidal and odor protection through the centralized HVAC system with two specially designed ultraviolet lamps. The electronic ballast and control system on the ComAir 20T Air Treatment System are microprocessor based for flawless and silent operation.

Designed for a very long service life, the ComAir 20T automatically turns on and off via a built-in air flow sensor with little maintenance requirements. A sophisticated control board maximizes lamp life and UV output providing up to three (3) years of continuous lamp use.

The ComAir20T can be supplied with an optional Remote Odor Controller, and/or a specifically designed Ambient Ozone Level Sensor (as seen here).

Applications:

- Pet Hospitals
- Commercial Retail
- Casinos
- Nursing Care Facilities
- Restaurants/Bars
- Office Buildings
- Factories
- Hospitals
- Food Processors
- Schools
- Cruise Ships

Features:

- Adjustable output, automatic or manual
- In-duct installation and operation
- Combined strength of O_3 and UV
- Stainless steel construction
- Microprocessor controlled UV germicidal/UV ozone configurations
- Optional ambient ozone sensor to control ozone output
- Optional remote control/operation status panel
- Boost function for extreme odor control
- No moving part

Benefits:

- Eliminates odors
- Freshens stale air
- Reduces airborne microbes
- Whole building air treatment
- Out-of-sight inside the ventilation system
- Safe, quiet and energy efficient
- Easy to maintain
- Universal power input

ComAir 20T Specifications

PRODUCT	DIMENSIONS	EXPOSED SIZE (OUTSIDE OF DUCT)	MINIMUM DUCT DEPTH	VOLTAGE	TOTAL POWER CONSUMPTION	SHIPPING WEIGHT
ComAir 20T	6” w x 15” l x 20” d	6” w x 15” l x 4” d	18”	90VAC-270VAC 50/60HZ	170W at maximum output setting	10 lbs.

Lamp Specifications

OZONE LAMP	GERMICIDAL LAMP
• Maximum service capacity, : 20T, 8,000 CFM, or 6,000 sq. ft. per unit • AC unit size, maximum: 20 tons • 25W, hot filament, instant-start, hard quartz, glass construction, unaffected by number of startups • 185 nm wavelength output • Rated Life: 20,000 hours (2-3 years continuous use) • Maintenance: annual cleaning • Easy lamp service requires no tools • Ozone output settings are adjustable based on need (low, medium, high & boost)	• Maximum service capacity, : 20T, 8,000 CFM, or 6,000 sq. ft. per unit • AC unit size, maximum: 20 tons • 90% of output at 253.7 nm wavelength • Rated life: 20,000 hours (2-3 years of continuous use) • Maintenance: annual cleaning • Easy lamp service requires no tools • Output (measurements taken at 70º F): 300 micro watts per sq. cm. at 39.37” (1m) 2,400 micro watts per sq. cm at 12.00” 7,450 micro watts per sq. cm at 6.00”

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Ozone Systems for Water & Air Purification
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