

COMAIR 20T

COMMERCIAL WHOLE-BUILDING INDOOR AIR TREATMENT SYSTEM



HVAC40
HVAC45 with remote (not shown)

The Pentair® ComAir 20T is a powerful, commercial-grade HVAC sterilization system designed to reduce indoor airborne contaminants and unwanted odors, leaving behind fresh, cleaner air. Installed in the centralized HVAC system of your commercial space, the ComAir 20T provides "double-layered" protection with two specially-designed ultraviolet (UV) lamps.

APPLICATIONS

- ◆ Restaurants
- ◆ Food processors
- ◆ Schools
- ◆ Hospitality
- ◆ Office buildings

FEATURES • BENEFITS

- ◆ Adjustable output
- ◆ In-duct installation and operation
- ◆ Ozone and germicidal UV lamps
- ◆ Stainless steel construction
- ◆ Covers up to 10k square feet
- ◆ Quiet and energy efficient
- ◆ Microprocessor controlled
- ◆ Boost function for extreme odor control
- ◆ Universal power outlet
- ◆ Remote controller (optional)
- ◆ Ambient ozone sensor to measure and control ozone output (optional)

INSTALLATION TIPS

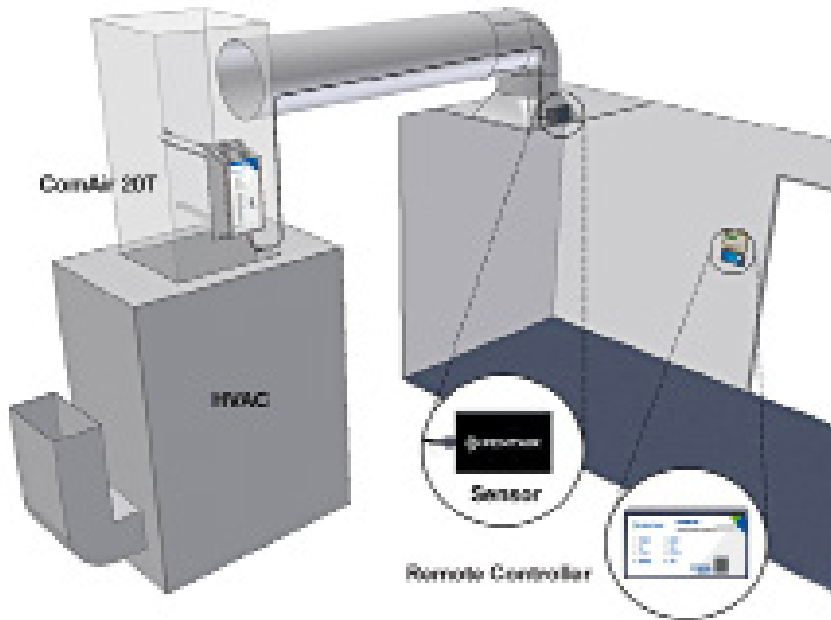
- ◆ Installation only requires drilling three (3) holes in the duct.
- ◆ The unit may be installed either in the return or the supply duct. If installing on the supply duct, locate it as far away from the heating source as practical while remaining in the main air stream.
- ◆ Once the unit is installed to aligned correctly with the direction of airflow, the cover can be adjusted so the indicator LEDs are right side up and easy to read.

INCLUDES

- ◆ ComAir 20T unit
- ◆ One (1) ozone lamp
- ◆ One (1) germicidal lamp
- ◆ One (1) lamp shield
- ◆ One (1) air flow PCB
- ◆ Four (4) self-tapping screws
- ◆ Installation and operation manual
- ◆ Remote controller (optional)
- ◆ Ambient ozone sensor (optional)

PENTAIR COMAIR 20T

EXAMPLE INSTALLATION



SPECIFICATIONS

- ◆ **System (Model/Part No.)**
HVAC40 unit only
HVAC45 unit with remote
- ◆ **Ozone Output**
0.08 ppm; max @ 3500 CFM; depends on load in the air
- ◆ **Power**
90VAC-270VAC/50-60HZ
180 watt at maximum output setting
- ◆ **Minimum Duct Size**
18" (45.72 cm)
- ◆ **Dimensions**
15.5" H x 5.5" W x 20" D
(38 cm x 14 cm x 50.8 cm)
- ◆ **Exposed Size (outside of duct)**
15.5" H x 5.5" W x 3.5" D
(38 cm x 14 cm x 8.9 cm)
- ◆ **Weight**
5 lbs (2.26 kgs)

OZONE LAMP	GERMICIDAL LAMP
Maximum service capacity: 20T, 8,000 CFM, or 10,000 sq. ft. per unit	Maximum service capacity: 20T, 8,000 CFM, or 10,000 sq. ft. per unit
AC unit size, maximum: 20 tons	AC unit size, maximum: 20 tons
25W, hot filament, instant-start, hard quartz, glass construction, unaffected by number of starts	90W, hot filament, instant-start, hard quartz, glass construction unaffected by number of starts
185 nm wavelength output	90% of output at 254 nm wavelength
Rated Life: 20,000 hours (2-3 years continuous use)	Rated life: 20,000 hours (2-3 years of continuous use)
Maintenance: annual cleaning	Maintenance: annual cleaning
Easy lamp service requires no tools	Easy lamp service requires no tools
Ozone output settings are adjustable based on need (low, medium, high & boost)	Output (measurements taken at 70° 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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HVAC40/45 SE20