

# CT Series Air Makeup Units



## CT Heat & Cure AMUs

- >> **Easy Installation and Setup**
- >> **Reduces Total Energy Costs**
- >> **Enhances Finishing Applications Due to Reduced Air Particulates**
- >> **Decreases Cold Air Infiltration**
- >> **Increases Production With an Accelerated Dry Time**

The CT Series Air Makeup Unit replaces 100% of the exhausted air from the booth enclosure or building with fresh, filtered, tempered outside air. The CT Series AMU is equipped with a custom control panel designed specifically for the finishing industry.

The CT AMU is the solution for a competitively priced project. They offer many of the same options as the EZ Heat and Cure AMU series, with the advantage of lightweight construction and lower sound levels.

### Model Options:

- >> Dump Into Building – No Exhaust VFD, No Light Circuit
- >> Heat Only – Exhaust VFD, Light Circuit, Spray Air Interlock
- >> Heat & Cure – Exhaust VFD, Light Circuit, Cure Cycle, Spray Air Interlock, Door Limit Switches

### Standard Features

- >> ETL Listed to ANSI Z83.25 – CSA3.19
- >> G90 Galvanized Finish
- >> Automatic Booth Pressure Control
- >> Motorized Auto Gas Control
- >> Low Sound Level Forward Curve Fan
- >> All Digital Microprocessor, PID, Dual Set Point Temp Controller
- >> Intake Shutoff Damper with Automatic Actuator
- >> Power Profile Dampers for Burner Optimization
- >> Variable Frequency Drive (VFD) to Control Booth Exhaust Fan for User-Friendly Booth Pressure Balancing
- >> Control Module with Alarm History and Technical Information
- >> Digital Magnehelic Gauge
- >> User-Adjustable Recipes for Spray, Flash, Cure 1, Cure 2, and Cool Time
- >> Approved Combustion Components Provide for a Safe Working Environment
- >> 2" Cleanable Intake Filters

### Optional Features

- >> Manual Balance Adjustments
- >> Prep Mode
- >> Recirculation



Horizontal CT Series AMU



## CT Heat & Cure Product Selection Guide

Available for both indoor and outdoor applications, the CT air makeup units can be set up for vertical or horizontal configurations. Multiple discharge locations are available to help in the arrangement of custom layouts and critical dimensions.

Model:	CT/CTC-812	CT/CTC-1316	CT/CTC-1720	CT/CTC-2126	CT/CTC-2734	CT/CTC-3540
CFM	8,000 SCFM to 12,000 SCFM	13,000 SCFM to 16,000 SCFM	17,000 SCFM to 20,000 SCFM	21,000 SCFM to 26,000 SCFM	27,000 SCFM to 34,000 SCFM	35,000 SCFM to 40,000 SCFM
External Static Pressure	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
Fan Motor Horsepower	5 - 7.5	10 - 15	15 - 15	15 - 15	15 - 20	25 - 30
Fan Motor Amps @208 volt 3 phase	17.5 - 25.3	32.2 - 48.3	48.3	48.3	48.3 - 62.1	78.2 - 92
Fan Motor Amps @230 volt 3 phase	15.2 - 22	28 - 42	42	42	42 - 54	25 - 30
Fan Motor Amps @460 volt 3 phase	7.6 - 11	14 - 21	21	21	21 - 27	34 - 40
Fan Motor Amps @575 volt 3 phase	6.1 - 9	11 - 17	17	17	17 - 22	27 - 32
Burner BTU Rating (Max)	880,000 - 1,320,000	1,430,000 - 1,760,000	1,870,000 - 2,200,000	2,310,000 - 2,860,000	2,970,000 - 3,740,000	3,850,000 - 4,400,000
Fuel Pressure (PSI)	2	2	2	2	2	2
Valve Train Inlet Size	3/4" - 1"	1"	1"	1 1/4"	1 1/4" - 1 1/2"	1 1/2"
Natural Gas Fuel Consumption (Cubic Feet Per Hour)	880 - 1,320	1,430 - 1,760	1,870 - 2,200	2,310 - 2,860	2,970 - 3,740	3,850 - 4,400
Propane Fuel Consumption (Cubic Feet Per Hour)	555 - 832	901 - 1,109	1,178 - 1,386	1,456 - 1,802	1,871 - 2,357	2,426 - 2,773

## Unit Configuration Options

(Other Configurations Available)

