Air Makeup Units

COL-MET
Engineered Finishing Solutions

EZ 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**

Designed for optimal fuel efficiency, Col-Met EZ Heat & Cure Air Makeup Units deliver filtered heated air evenly throughout your booth. Precision-controlled to minimize temperature variations, they effectively remove particulates from the air that can negatively affect the quality of your finish.

By utilizing direct-fired burners, our motorized auto gas control delivers a consistent burn for an evenly heated airflow into the booth. With self-adjusting profile and inlet dampers, the EZ Heat & Cure modulates airflow as it passes over the burners, regulating air pressure and fuel consumption for a clean, fuel-efficient burn.

Truck Unit

Control Panel Board

Valve Train

Butterfly Valve

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
>> Cure Only – Exhaust VFD, Light Circuit, Cure Cycle, Door Limit Switches

Standard Features

>> ETL Listed to ANSI Z83.4 – CSA3.7
>> Powder Coated White
>> 1.5 to 4 mil BTU Eclipse™ Burner
>> Motorized Butterfly Auto Gas Control
>> High-Efficiency Plug Type Fan for Extended Filter Life*
>> All Digital Microprocessor, PID, Dual Set Point Temp Controller*
>> Multi-Position, Infinitely Variable Inlet Damper for Supply Air Control
>> Automatic Variable Profile Damper to Maintain Optimum Flame Efficiency*
>> UL 508a Listed Controls - Variable Frequency Drive (VFD) to Control Booth Exhaust Fan for User-Friendly Booth Pressure Balancing
>> LED Indicator Lights for Displaying Unit Status
>> Center Zero Magnehelic Gauge
>> Integrated Platform Stand (vertical units only)
>> Inlet Hood (horizontal units only)
>> User-Adjustable Flash, Cure and Cool Down Timers (EHC models only)
>> Individual Potentiometers for Spray and Cure Mode (EHC models only)
>> Approved Combustion Components Provide for a Safe Working Environment

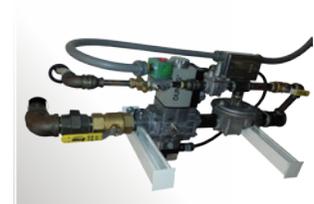** Col-Met Exclusive Feature*

Optional Features

>> Auto-Balance
>> Prep Mode
>> Recirculation

EZ Heat & Cure Product Selection Guide

Available for both indoor and outdoor applications, our air makeup units can be set up for vertical or horizontal configurations and have exclusive features for safer operations and enhanced operator comfort. Fuel-efficient and designed for better finishing, experience a level of quality and control you can only expect from Col-Met.

Model:	EH/EHC-812	EH/EHC-1216	EH/EHC-2026	EH/EHC-2734	EH/EHC-3540
CFM Rating	8,000 SCFM to 12,000 SCFM	12,000 SCFM to 16,000 SCFM	20,000 SCFM to 26,000 SCFM	27,000 SCFM to 34,000 SCFM	35,000 SCFM to 40,000 SCFM
External Static Pressure	.5" W. C.	.5" W. C.	.5" W. C.	.5" W. C.	.5" W. C.
Fan Motor Horsepower	10	15	15	25	40
Fan Motor Amps @208 volt 3 phase	32.2	48.3	48.3	78.2	120
Fan Motor Amps @230 volt 3 phase	28	42	42	68	104
Fan Motor Amps @480 volt 3 phase	14	21	21	34	52
Fan Motor Amps @575 volt 3 phase	11	17	17	27	41
Burner BTU Rating	1,500,000 Per Hour Max	2,000,000 Per Hour Max	3,000,000 Per Hour Max	3,500,000 Per Hour Max	4,000,000 Per Hour Max
Fuel Pressure	14" W.C. Min to 28" W.C. Max	14" W.C. Min to 28" W.C. Max	14" W.C. Min to 140" W.C. Max	14" W.C. Min to 140" W.C. Max	14" W.C. Min to 140" W.C. Max
Valve Train Inlet Size	1.25" NPT	1.25" NPT	1.5" NPT	1.5" NPT	2" NPT
Natural Gas Fuel Consumption	1,500 Cubic Feet Per Hr Max	2,000 Cubic Feet Per Hr Max	3,000 Cubic Feet Per Hr Max	3,500 Cubic Feet Per Hr Max	4,000 Cubic Feet Per Hr Max
Propane Fuel Consumption	945 Cubic Feet Per Hr Max	1,260 Cubic Feet Per Hr Max	1,890 Cubic Feet Per Hr Max	2,205 Cubic Feet Per Hr Max	2,520 Cubic Feet Per Hr Max

Horizontal AMU Unit

Short Vertical AMU Unit

Standard Vertical AMU Unit

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