

## Fume-A-Vent Control Panel Overview

Date 2/14

Part No. CBS-X-XXX-X

Control Panels

TAB 19-A

Fume-A-Vent offers State-of-the-Art Control Panels, that are able to manage the power to our exhaust extraction systems with limited installation required. All Panels are UL/CLU Certified. They feature a mild-steel NEMA 4 enclosure with 3-way (HAND-OFF-AUTO) switch and reset button, and low voltage landing terminals. Motor starts, contractor and thermal overload standard in all Panels.

These panels are ideal for automotive shops exhaust systems, and is used to control the blowers or fans. Disconnect Switches may be required in some buildings and to meet local/national codes.

Control Panels are based on the Building Power, and Fan/Blower that is to be run. We offer 1 and 3 Phase, 120V, or 230V, with 1, 2, 3, 5, or 7.5, H.P. blower ratings. **\*\*120V not available in 3 Phase.**

We recommend a licensed electrician install our panels.

Enclosure Dimensions: 10" H x 10"W x 6"D (Up to 5.0 H.P.)  
12" H x 10" W x 8"D (7.5 H.P.)

Other Control Panel options available including multiple motor starts, multiple timers, among other custom controls. Please consult our experts if you require anything not accommodated for in our standard panels.

Part Number	HP	Voltage	Phase	Description	Timer
CBS-1-120-1	1	120	1	For use with a 120V, 1HP, 1PH Fan and compatible 120V, 1PH source.	N
CBS-2-120-1	2	120	1	For use with a 120V, 2HP, 1PH Fan and compatible 120V, 1PH source.	N
CBS-3-120-1	3	120	1	For use with a 120V, 3HP, 1PH Fan and compatible 120V, 1PH source.	N
CBS-5-120-1	5	120	1	For use with a 120V, 5HP, 1PH Fan and compatible 120V, 1PH source.	N
CBS-1-230-1	1	230	1	For use with a 230V, 1HP, 1PH Fan and compatible 230V, 1PH source.	N
CBS-2-230-1	2	230	1	For use with a 230V, 2HP, 1PH Fan and compatible 230V, 1PH source.	N
CBS-3-230-1	3	230	1	For use with a 230V, 3HP, 1PH Fan and compatible 230V, 1PH source.	N
CBS-5-230-1	5	230	1	For use with a 230V, 5HP, 1PH Fan and compatible 230V, 1PH source.	N
CBS-7.5-230-1	7.5	230	1	For use with a 230V, 7.5HP, 1PH Fan and compatible 230V, 1PH source.	N
CBS-1-230-3	1	230	3	For use with a 230V, 1HP, 3PH Fan and compatible 230V, 3PH source.	N
CBS-2-230-3	2	230	3	For use with a 230V, 2HP, 3PH Fan and compatible 230V, 3PH source.	N
CBS-3-230-3	3	230	3	For use with a 230V, 3HP, 3PH Fan and compatible 230V, 3PH source.	N
CBS-5-230-3	5	230	3	For use with a 230V, 5HP, 3PH Fan and compatible 230V, 3PH source.	N
CBS-7.5-230-3	7.5	230	3	For use with a 230V, 7.5HP, 3PH Fan and compatible 230V, 3PH source.	N

**\*\*Custom Enclosures available at request. Please consult our experts to discuss your options.**



**AIR CLEANING SPECIALISTS, INC.**  
11088 Gravois Industrial Ct. St. Louis MO 63128  
866 455-2132 Fax 636 349-0556  
www.fumeavent.com info@fumeavent.com

This drawing has been copyrighted  
and is the property of  
Air Cleaning Specialists, Inc.

# Fume-A-Vent Control Panel Wiring Diagram (230V 3 Phase)

Date 2/14

Part No. CBS-X-XXX-X

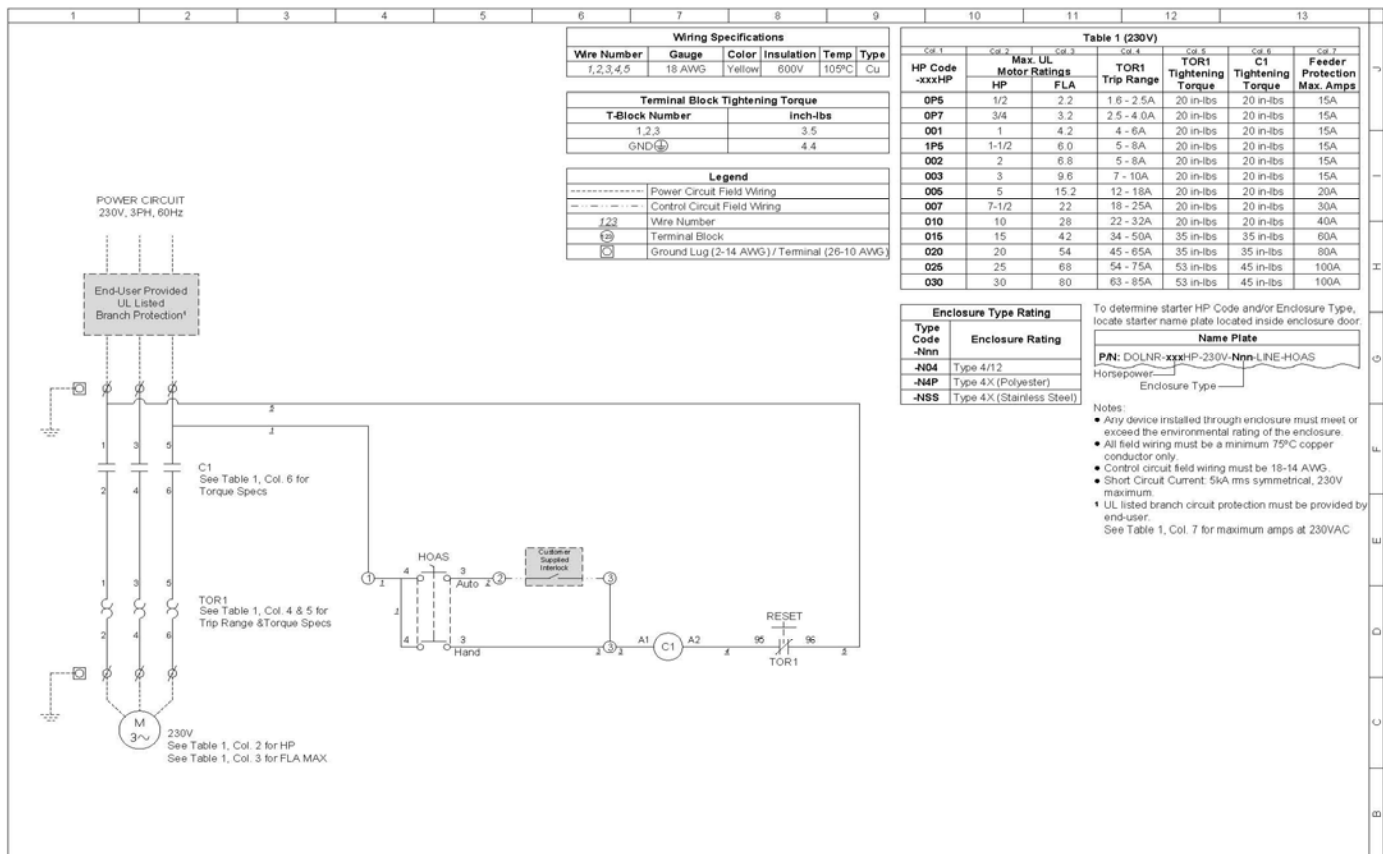
Control Panels

TAB 19-B-1

Fume-A-Vent Control Panel Enclosure Drawing, shown below. This shows our 230V, 3 Phase wiring diagram. This diagram is the same for all H.P. ratings we offer.

Additional information available upon request. Some Panels may vary if timers, additional low voltage connections, or other hardware is added. Please consult our experts for more information, and for custom Control Panels.

A disconnect switch is normally required for 3 phase Control Panels for local/national codes.



Shown: Standard 230V Control Panel with On/Off Switches.



# Fume-A-Vent Engine Sensor Control Panel Diagram 5 HP

Date 2/14

Part No. CBS-X-XXX-X

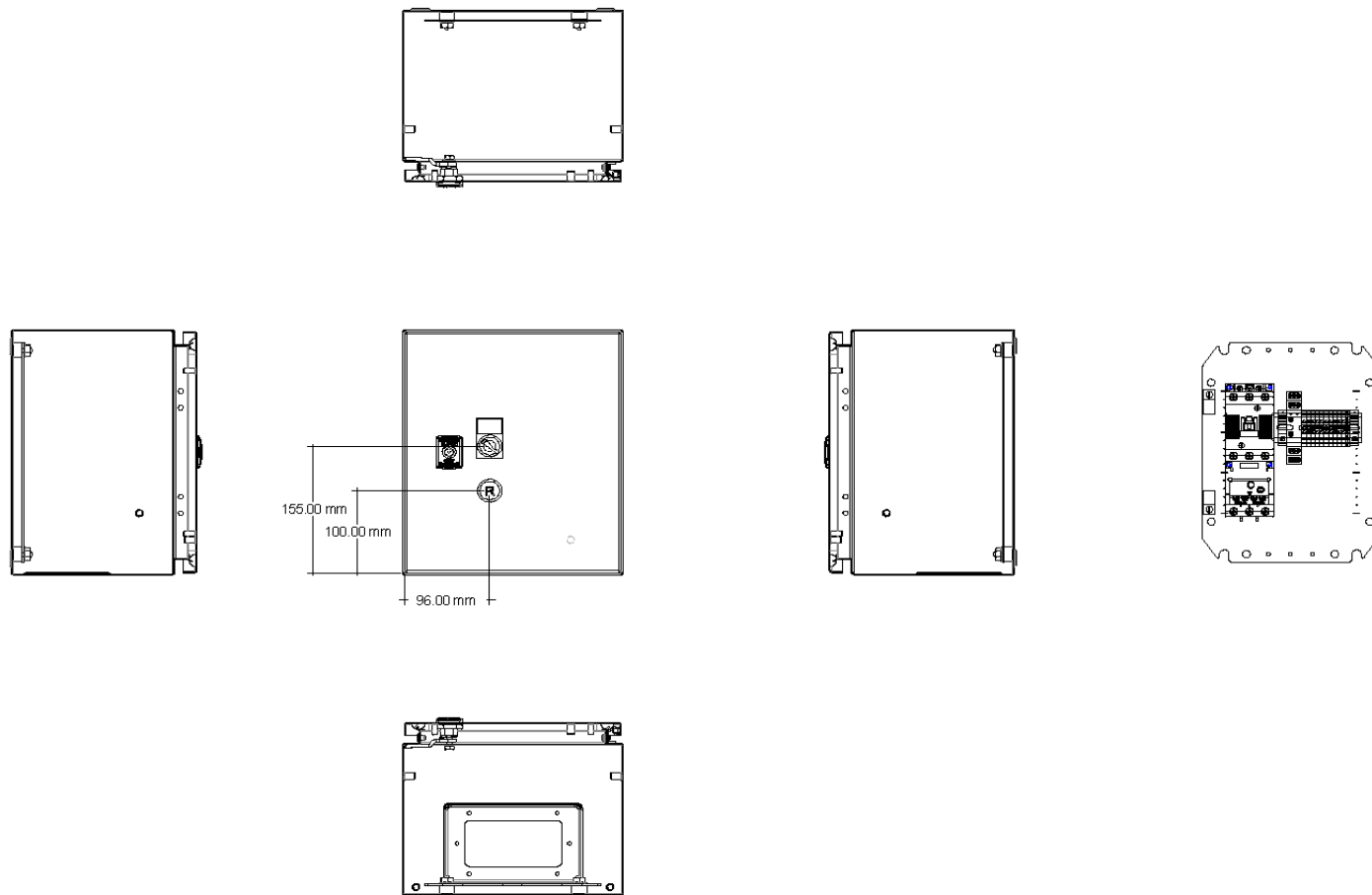
Control Panels

TAB 19-C-1

Fume-A-Vent Control Panel Enclosure Drawing. shown below. This drawing applies to all 230V Panels, with 5.0 H.P ratings.

Standard Dimensions shown below, with orthographic drawing of the entire enclosure. More information available upon request. Please contact our experts for more information.

Final wiring and appearance may change once final layout and needs are decided upon.



Standard Control Panel shown with on/off switch.

