

# Cabinet Duct System

## VS-CDS-SYS1



COOL COMPONENTS  
INCORPORATED



This system was designed with the challenges of venting cabinetry in mind. It is ideal for fine cabinetry that you do not wish to cut holes in, built-in cabinetry with limited options for venting, or when cabinets have multiple 'bays' and components are in the center areas. This is the first product to defy heat naturally rising as it pulls hot air into the duct and then down and out the toe kick of the cabinet. Not only is it perfect for these applications, it is also easily installed and fully configurable to work perfectly in a variety of systems and configurations. The body of the unit is made out of attractive yet durable PVC tubing and the fan units are easily cut into the body at the ideal locations for the application. This way, there is no need to worry with the placement of the components as a fan unit can be installed behind each piece of heat producing equipment. The side of the body can also be fitted with wiring clips to keep the wiring neat and organized. Additional tubing can also be added and additional fan units are available as well. As with

all of our products, the fans in the Cabinet Duct System are variable speed and by adding a Temperature Controller, you can add automatic fan control including basic on/off as well as automated variable speed control so as the heat rises, the fans accelerate. The system is fully compatible with all of our temperature controllers and the controllers simply plug inline between the power supplies and power jack on the system. (Toe Kick Grills are Not included due to various options)

### **Features**

- Engineered To Directly and Efficiently Vent Challenging Cabinetry Applications
- Pulls Hot Air from Behind Components and Directs It Down and Out the Toe Kick (Toe Kick Grill Sold Separately)
- Fully and Easily Customized and Installed in Cabinets of All Sizes and Configurations
- Specially Manufactured 50mm Magnetic Levitation (Brushless & Vapo Bearings) Fans for Quiet Operation and Longer Life
- Utilizes Adjustable Voltage Power Supply to Adjust Fan Speed
- Uses Cool Components "Fast Wire" System for Easy System Design and Installation
- Compatible with all Cool Components Temperature Controllers for Automated Control

### **General Specifications**

Dimensions - Tubing:	W - 3.35" x D - 1.38" (44.5cm x 6.7 x .64) Main Section is 35.75" (90.8cm) in Height
Construction:	Gray PVC
Cooling System:	2 Brushless 50mm Magnetic Levitation Fan Units w/Fan Guards (Est. 60,000hr)
Air Flow:	4CFM - 10CFM (Per Fan Unit)
Noise:	Noise Level is Dependent on System Settings and Options(Can be run quietly)

### **Power Specifications**

	Includes PS-300 (300mA) Power Supply
Power Connection:	2-Pin Coax Connector w/ 2-Pin FastWire Power System (Ensure proper polarity)
Voltage:	6 to 9V DC for Normal Operation or 9 to 12V for More Aggressive Cooling
Current:	50mA (milliamps) @ 12V DC (Per Fan Unit)