

Notes

This unit is primarily for venting cabinets as it is simply a 'stripped down' regular HiFlo system

HiFlo BASIC SYSTEM

VS-HFB-BLK (BLACK) -**WHT** (WHITE)-**TAN** (TAN)

This unit is ideal for aggressively venting cabinets and enclosures. It is self contained and features two top-quality brushless fans for significant airflow, low noise, and long life. The fan unit can be configured to pull air out of a cabinet (default configuration) or push air into the cabinet depending on the application.

The fans are mounted using a special vibration damping system which eliminates noise caused by fan vibration and also facilitates easily changing the direction of the airflow. The unit is powered with DC voltage and when used with our Universal Power Supplies, can be run completely silent or more aggressively depending on the application.



FEATURES

- Quiet & Efficient Operation
- Quick and Easy Installation
- Complete Package Includes Fan Unit, Grill, and Power Supply
- Aggressively Circulates Air in a Cabinet or Enclosure
- Uses Variable Voltage Power Supply to Adjust Fan Speed based on the Application
- Compatible with the Temperature Controllers for Advanced Control (TC-BSC & TC-AC)

Category
4

GENERAL SPECIFICATIONS

| | |
|------------------------|---|
| Dimensions (Fan Unit): | L - 10 1/8" x H - 4 7/8" x D - 1 5/8" |
| Construction: | Grill is PVC (Black, White, White or Tan) |
| Fan System: | 2 Large Brushless Levitation Fans |
| Air Flow: | 130 CFM (Max) |
| Noise: | Silent to 50 dba |
| Req'd Opening Size: | 3 3/4" x 7 7/8" |

Power Specifications

Includes PS-300 Power Supply - For Powering 2 Units, Use PS-800

| | |
|----------------|---|
| Connection: | 2-Pin FastWire Power System (Ensure proper polarity - Tip to +) |
| Voltage: | 7 to 12 VDC |
| Current - Amp: | 275 milliamps at 12V DC |



Notes

HiFlo VENT SYSTEM

VS-HFS-BLK (BLACK) **-WHT** (WHITE) **-WB** (WHITE & BLACK) **-TAN** (TAN)

This unit was designed to circulate air in a room or closet where warmer air accumulates to another area in the home. Often times, when components are installed in a closet, or even in the room where they are installed, the entire room or closet requires venting to circulate the warmer air. This unit is perfect for room to room venting and can be easily retrofit.



FEATURES

- Aggressively Vents Rooms, Closets, or Larger Cabinets
- Complete Package for Easy Design & Ordering
- Quiet & Efficient Operation Features Levitation Fans
- Utilizes Variable Voltage Power Supply to Adjust Fan Speed based on the Application
- Uses "Fast Wire" System for Trouble-Free System Design and Installation
- Includes Fan Unit, 2 Grills, Extension Cable, Basic Temperature Controller (TC-BSC) and Power Supply

Category **4**

GENERAL SPECIFICATIONS

| | |
|------------------------|--|
| Dimensions (Fan Unit): | L - 10 1/8" x H - 4 7/8" x D - 1 5/8" |
| Construction: | PVC Grills (Black, White, White & Black & Tan) |
| Fan System: | 2 Large 92mm Brushless Levitation Fans |
| Air Flow: | 130 CFM (Max) |
| Noise: | ~20 to 50 dba |
| Req'd Hole Size: | 3 3/4" x 7 7/8" |

Power Specifications

Includes PS-300 Power Supply - For Powering 2 Units, Use PS-500

| | |
|----------------|---|
| Connection: | 2-Pin FastWire Power System (Ensure proper polarity - Tip to +) |
| Voltage: | 7 to 12 VDC |
| Current - Amp: | 275 milliamps at 12V DC |

Notes

CABINET TOE KICK PACKAGE

VS-CTK

This system is perfect for installing in a cabinet to draw cooler air into the cabinet from the toe kick making the installation virtually invisible (with cabinets with black toe kicks). The Cabinet Vent easily installs in the base (bottom) of the cabinet and the rectangular grill in the toe kick. This can be easily installed either when the cabinet is in place or during construction. This package draws cooler air into the cabinet quietly, effectively, and affordably! This package includes one self-contained Cabinet Vent featuring a top-quality, specially manufactured fan, a power supply and an attractive, low profile toe kick vent grill, all in black (White is available).



FEATURES

- Complete Package for Easy Ordering
- Quiet & Efficient Operation
- Quick and Easy Installation in Wood Cabinets (This unit is not compatible with rack systems)
- Utilizes Variable Voltage Power Supply to Adjust Fan Speed based on the Application
- Uses Cool Components Universal "Fast Wire" System
- Compatible with the Temperature Controllers (TC- BSC & TC-AC)

GENERAL SPECIFICATIONS

| | |
|------------------------------|---|
| Dimensions (Toe Kick Grill): | W - 2 5/8" x L - 17 1/2" |
| Construction: | PVC w/ Gloss Finish (Black or White) |
| Fan System: | 1 Brushless Levitation Fan |
| Air Flow: | 10.2 CFM (Max) |
| Noise: | Silent to 22 dba |
| Req'd Hole Size (Fan/Grill): | 3 1/4" for Cabinet Vent / 2" x 15 1/2" for Toe Kick Grill |

POWER SPECIFICATIONS (Fan Unit)

Includes PS-300 Power Supply

| | |
|----------------------|---|
| Connection: | 2-Pin FastWire Power System (Ensure proper polarity - Tip to +) |
| Voltage | 5 to 12 VDC |
| Current (Amp): | .04 Amps / 40 milliamps at 12V DC |
| Consumption (Watts): | .5 at 12V DC |

Notes

Main Feature: On/Off Based on Temperature (For Variable Speed, use Advanced Controller)

BASIC TEMPERATURE CONTROLLER

TC-BSC

This is a basic but important item when it is desired for the cooling and venting products to turn on and off based on the temperature in a cabinet, enclosure, or rack. It is very easy to install as it plugs inline between all of our cooling and venting products and is very small so it can be placed most anywhere.



FEATURES

- Easily and Affordably Add Automated Control
- On/Off Control Based on Temperature
- Compatible with All Cooling & Venting Products

GENERAL SPECIFICATIONS

Dimensions (Sensor):
Compatibility:

~ 1" in Length & ¼" Around
All Products Utilizing the 2-Pin Wiring System

POWER SPECIFICATIONS

Connection:
Voltage

2-Pin FastWire Power System (Ensure proper polarity - Tip to +)
5-12 VDC (Set to desired voltage and then add Controller)

Notes

Main Feature: On/Off & Variable Speed Based on Temperature

ADVANCED TEMPERATURE CONTROLLER

TC-AC

This unit has a host of features that makes it one of the most advanced temperature control devices on the market. It's microprocessor-based design provides for enhanced monitoring and control of system temperature. The various modes makes it perfect for different applications which require different set points and different levels of fans control.



FEATURES

- Microprocessor Controlled for Advanced Thermal Management
- On/Off Control Based on Temperature
- Variable Speed Fan Control Based on Temperature
- Various Programming Modes for Different Applications
- Alarm to Protect Against Accidental Disconnect from Fans
- Polarity Protection

OPERATING MODES

Modes are easily changed by pressing the programming button and listening for the beeps - 1 beep indicates that the system is in mode 1, 2 beeps/mode 2, etc.

- Mode 1 features On/Off at roughly 90°F and varies the fan speed based on Temperature with max speed achieved around 110°F.
- Mode 2 simply has a lower 'on/off' temperature at roughly 85°F.
- Mode 3 is for more aggressive applications as the max speed is achieved more rapidly with full speed at 95-98°F. On/off temp is set at approximately 85°F. This mode should only be used when most aggressive cooling is a necessity. Modes 4 is not used.

These are all fixed set points and cannot be changed.

GENERAL SPECIFICATIONS

| | |
|----------------|--|
| Dimensions: | 2 ¼" x 3 ½" x 1" |
| Construction: | Housing: PVC w/ Textured Finish (Black) |
| Compatibility: | All Products Utilizing the 2-Pin Wiring System |

POWER SPECIFICATIONS

| | |
|-------------|---|
| Connection: | 2-Pin FastWire Power System (Ensure proper polarity - Tip to +) |
| Voltage: | 12 VDC (Must be operated at 12V) |

Notes

These are only grills (no fans)

PASSIVE COOLING - GRILLS ONLY

We offer a variety of grills to provide natural airflow or to use as an intake when a fan unit is used for exhausting air. Many grills are available in wood as well.



GRILL TYPES

- GR-3SM-BLK - Grill for 3" Round Opening - ABS Surface Mount – Black
- GR-3SM-WHT - Grill for 3" Round Opening - ABS Surface Mount – White
- GR-3SM-CRM - Grill for 3" Round Opening - ABS Surface Mount – Chrome
- GR-3IM-BLK - Grill for 3" Round Opening - ABS Insert Mount – Black
- GR-3IM-WHT - Grill for 3" Round Opening - ABS Insert Mount – White
- GR-3IM-TAN - Grill for 3" Round Opening - ABS Insert Mount – Tan
- GR-215-BLK - Grill for Narrow 2x15.5 Openings - ABS – Black
- GR-215-WHT - Grill for Narrow 2x15.5 Openings - ABS - White
- GR-45-BLK - Grill for Rectangular 4x5 Openings - ABS – Black
- GR-45-WHT - Grill for Rectangular 4x5 Openings - ABS – White
- GR-45-TAN - Grill for Rectangular 4x5 Openings - ABS - Tan
- GR-410-BLK - Grill for Rectangular 4x10 Openings - ABS - Black
- GR-410-WHT - Grill for Rectangular 4x10 Openings - ABS - White
- GR-410-TAN - Grill for Rectangular 4x10 Openings - ABS – Tan



