



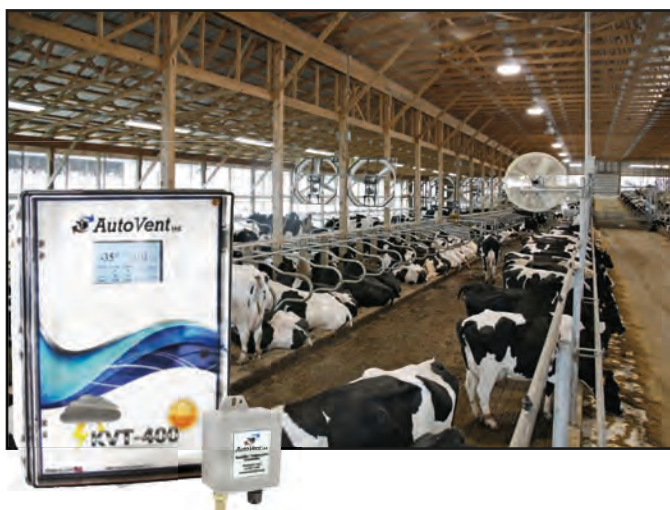
## 2021 Product Catalog





# AutoVent<sub>LLC</sub>

Automation in Dairy Ventilation



Welcome to AutoVent's new product catalog. We enjoy designing and building dairy specific ventilation controls and greenhouse control components.

Take time to browse our products to see how your operation may be benefited by automation control technology. If one of our standard packages does not meet your needs, we will gladly customize a solution for you! Custom projects are built to your specifications and we also offer you the opportunity to private label our products, giving you a unique product in the marketplace.

We are located in Berks County, Pennsylvania. We love solving technical problems and we strive to provide you with economical choices in automation technology.



## What Customers are saying . . .

"Tell them the VentGenie works"

Reid Hoover — Lebanon PA  
400 cow Free-stall Barn with VentGenie system

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# HEAT - HUMIDITY - RAIN

## AUTOMATE> Your Cooling Systems



# The Right Controller

## Simple to use Ventilation Automation

From simple manual switches to thermostat controlled and fully automatic touchscreen interface, you can trust AutoVent to keep your livestock as comfortable as you are.

Our 24volt motors and controls tie in well with your existing system or work perfectly in new installations. Easy installation makes the AutoVent system the right choice for your farm.

## AutoVent Controller features:

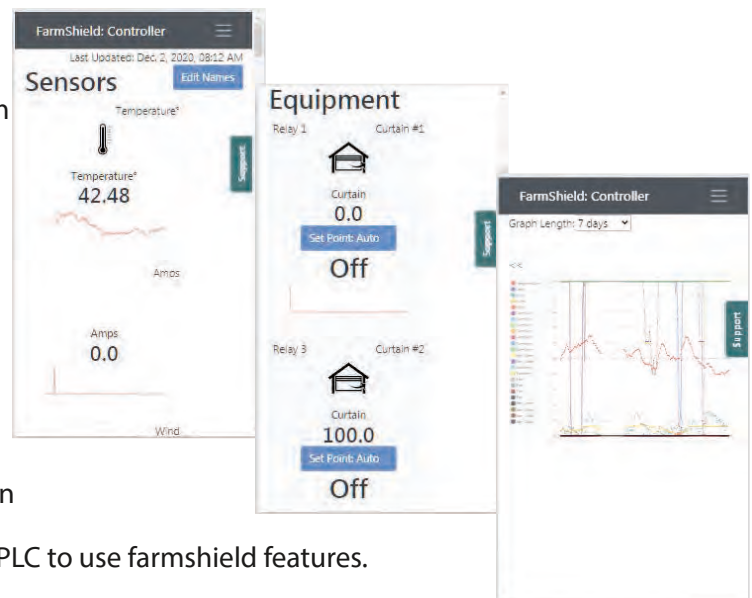
- Easy to use touchscreen interface
- On-screen manual overrides
- Intuitive settings make it easy to program
- Flexible system allows the relays to be set up for any combinations of fans, sprinklers, curtains, lights, and more
- Rugged enclosures provide long-lasting waterproof protection for components

## New! Farmshield.net

An easy to use online interface for your AutoVent System

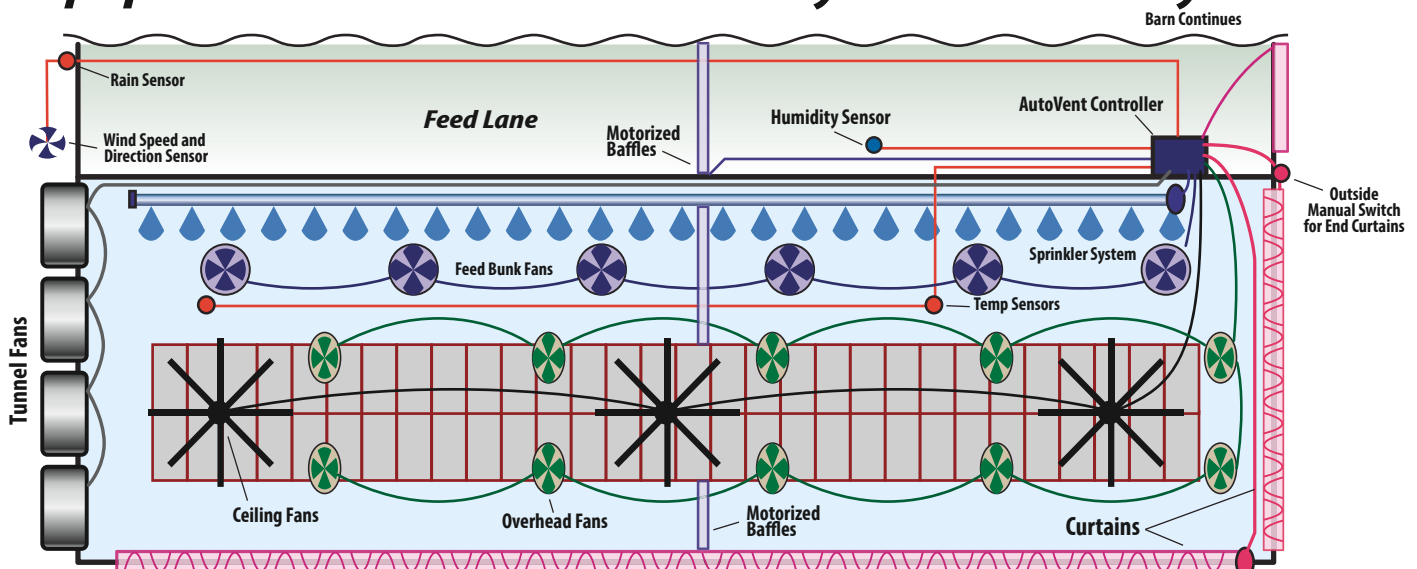
## Farmshield features:

- View temperature, wind, and humidity online
- Voice and email alarms
- Change your controller settings from your phone
- Easy to use Wi-Fi gateway
- Compatible with a consumer-grade internet connection



Also available- Modbus gateway that allows any VFD or PLC to use farmshield features.

## Equipment that can be Controlled by the AutoVent System



## VENTILATION CONTROLLERS

Models	Captain6	Captain6	Captain10	Captain10	KVT-400	KVT-400
Part number	CP60E	CP60E-PS	CP100	CP100-PS	KVT-400	KVT-400PS
Relay outputs	6	6	10	10	10	10
Variable speed outputs	1	1	1	1	1	1
24vdc output *1	NA	10 amp	NA	20 amp	NA	20 amp
Expansions						
KVT-EX802 compatible	No	No	No	No	Yes	Yes
KVT-EX1602 compatible	No	No	No	No	Yes	Yes
KVT-EX02 compatible*2	Yes	Yes	Yes	Yes	Yes	Yes
Sensors						
Temperature sensor	Yes	Yes	Yes	Yes	Yes	Yes
2nd temp sensor	Option	Option	Option	Option	Option	Option
Wind speed	Option	Option	Option	Option	Yes	Yes
Wind direction	No	No	No	No	Yes	Yes
Rain sensor	Option	Option	Option	Option	Yes	Yes
2nd rain sensor	Option	Option	Option	Option	Option	Option
Curtain amps	No	No	No	No	Yes	Yes
Humidity Sensor	Option	Option	Option	Option	Option	Option
Equipment						
Max curtains	3	3	5	5	15	15
Max fans	6	6	10	10	10	10
Max soakers/sprinklers	6	6	10	10	10	10
Max lights	1	1	1	1	1	1
Max duty cycle fans	1	1	1	1	0	0
2hp @ 240v contactor option	Option	No	Option	No	Option	No
Curtain position tracking*3	No	No	No	No	Yes	Yes
Internet gateway compatible	Soon	Soon	Soon	Soon	Yes	Yes
<p>*1 Built-in 24v motor power source. The standard max wire length to the motor is approx. 250ft for 200ft long curtains, or 400ft for curtains 80ft or less. Ask about multi-voltage upgrades for longer runs.</p> <p>*2 Max of 3 independent variable outputs regardless of how many expansions connected. All variable outputs use zone 1 temperature as of July 2020.</p> <p>*3 Time-based position tracking for intuitive internet control of curtains</p>						

## VENTILATION CONTROLLER EXPANSIONS

Models	KVT-Expansion	KVT-Expansion	KVT-Expansion
Part number	KVT-EX802	KVT-EX1602	KVTEX02
Relay outputs	8	16	0
Variable speed outputs	2	2	2





## Enjoy a weather station for your curtains in an easy to use touchscreen interface

The programmable controller offers convenient automatic control of curtains, fans, soakers, and lights.

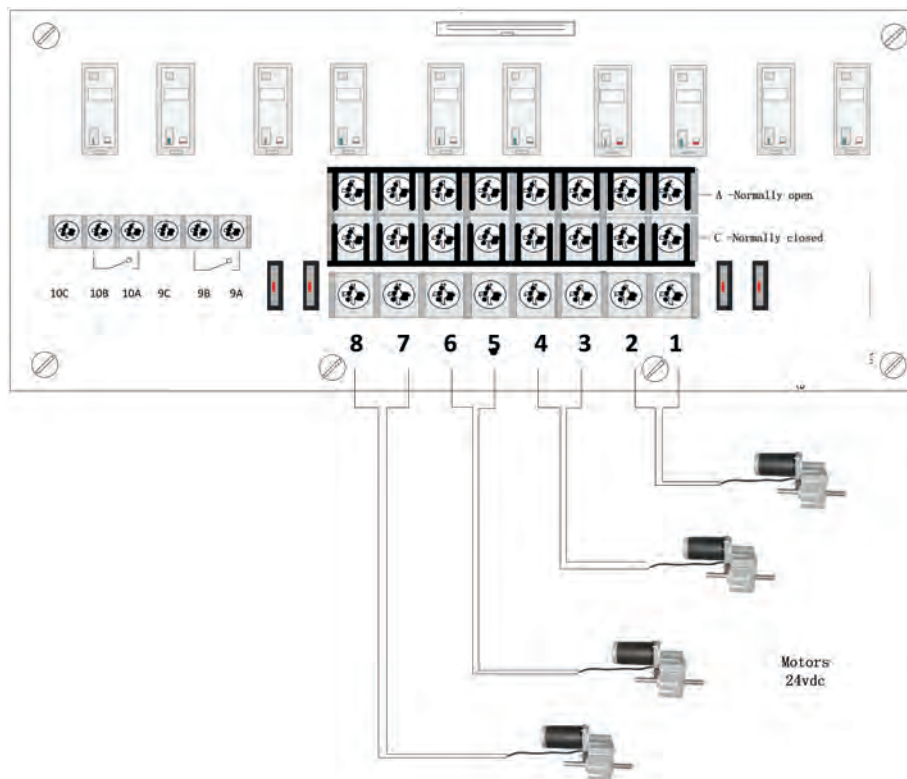
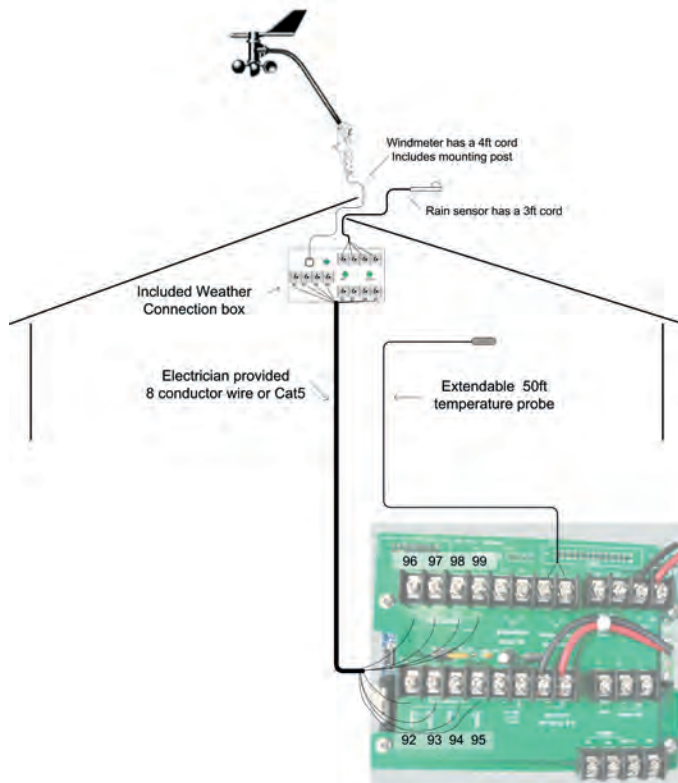
### Features

- Matches dairy cows. Designed exclusively for cows.
- Easier to understand. Parameters make sense for calves.
- Keeps bedding dryer
- Advanced rain-sensing. Only closes curtains towards the storm with a single rain sensor.
- Intuitive wind sensing compared to other systems.
- Saves time. Curtains move with the weather.
- Optimal livestock comfort. Tracks motor position
- Prevent mishaps. Monitors curtain load.
- Convenient touch screen. Shows history of curtain movements.
- Easy to wire. Wiring aids built into the weather station
- Convenient install. All large Philips screw terminals.
- Fast and easy Dc motor ready with the KVT-400PS. Just connect power and motor leads.
- Expandable up to 8 curtains circuits.
- Online graphing and monitoring.
- Remote control over Wi-Fi.

### Tech features:

- 1 temperature sensor
- 120/240 input power
- 10 bank output
- (10) 7.5 AMP SPDT outputs
- Controls up to 20 variable speed drives per 0-10 V bank
- Rain, Wind speed and wind direction sensor w/mounting pole
- Each Expansion box adds 8 bank outputs & 2 0-10v banks

KVT-400 - 10 relay output . . . . . KVT-400  
 KVT-400 - with integrated 20 amp dc motor power . . . . . KVT-400PS  
 KVT-400 EXPANSION - 8 relay output . . . . . KVT-EX802  
 FarmShield Gateway . . . . . AV-GWifi





## An Energy-Saving Curtain and Fan Controller Using Wind Speed and Temperature

The programmable Captain series offers convenient automatic control of your fan circuits for your dairy barn. This system comes with a temperature probe for ambient temperature to control your overhead fans. It also interfaces with an optional anemometer sensing wind speed for additional energy savings. The commander uses THI (Temperature Humidity Index) for optimal cooling equipment control.

### Features

- Six or ten equipment channels
- Humidity Sensor uses THI for optimal animal comfort
- Switches fans off when it's windy outside to save electricity
- The warmer the temperature the faster the variable speed fan spins
- Optional Anemometer measures the prevailing wind
- Humidity Compensated Cow Cooling
- Touchscreen interface, Easy to change settings
- Fahrenheit and Celsius display
- Individual adjustable temperature set-points for each stage
- Six or ten relay outputs 10 amp
- Rugged enclosure (corrosion resistant and water-resistant)

*Note: Each independent curtain uses 2 switches. Each independent fan or soaker uses 1 switch. This means you can have any combination as long as it doesn't use more than six or ten switches*

### Tech features:

- 1 temperature sensor
- 120/240 input power
- 8 bank output
- 10 AMP SPDT outputs
- Controls up to 20 variable speed drives per bank 0-10 V
- Optional: Humidity sensor for THI or Amp sensor for Smart overload protection
- Optional Rain Sensors

CAPTAIN 6 - 6 relay output . . . . . CP60-D  
 CAPTAIN 6 with integrated 20 amp dc motor power . . . . . CP60PS-D  
 CAPTAIN 10 - 10 relay output . . . . . CP100-D  
 CAPTAIN 10 with integrated 20 amp dc motor power . . . . . CP100PS-D





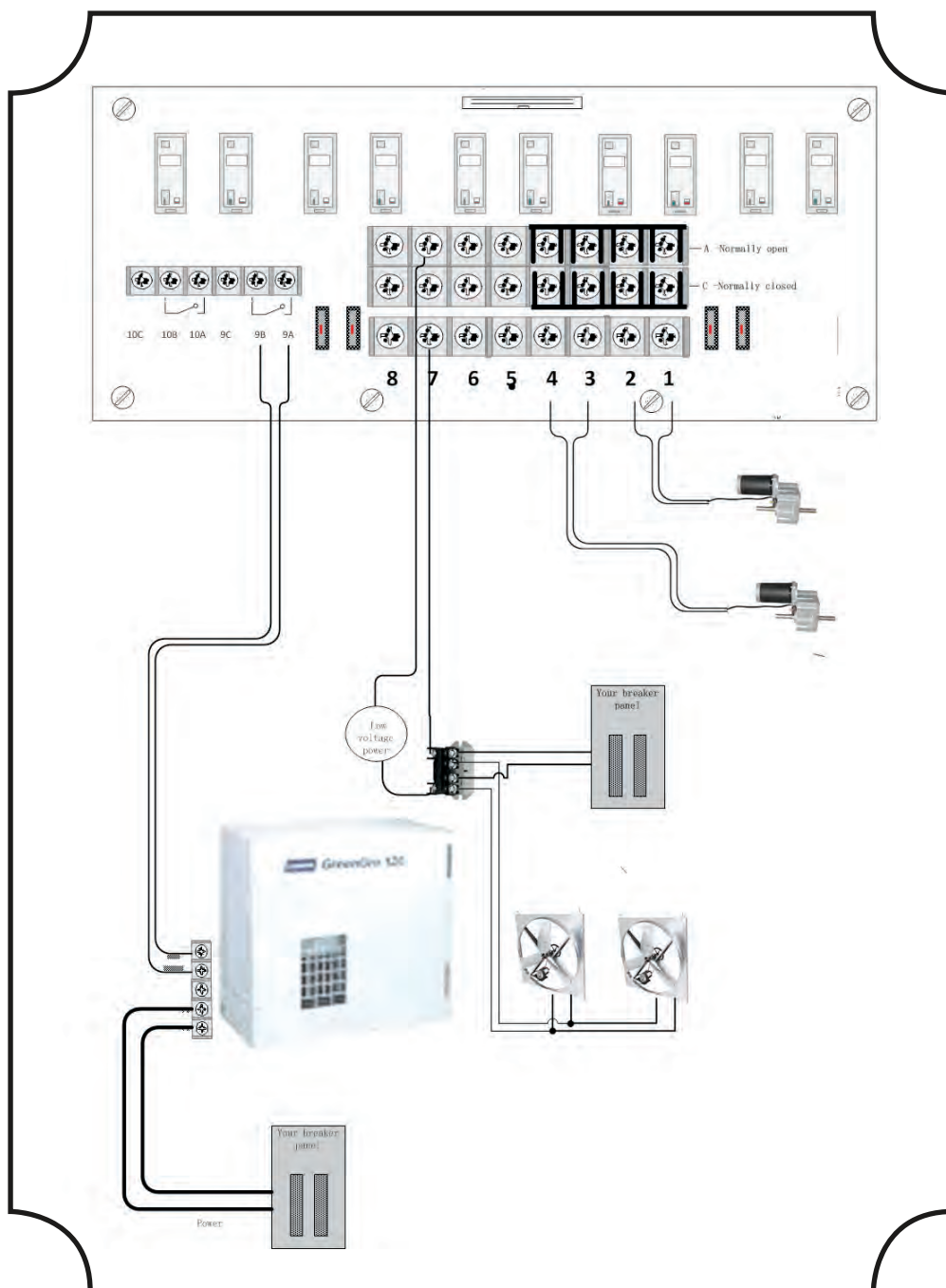
**Optional Wind Sensor . . . . . CC-A1**  
 This sensor enables the Captain to make decisions based on wind speed



**Optional Rain Sensor . . . . . URS-0024**  
 This optional sensor extends the capability of the Captain Series to close curtains during driving rain. *One or two rain sensors can be connected and each sensor controls one curtain.*  
 Upgrade to 100-foot cord sensor. . . . . URS-1024



**Included Temperature Probe with 9' Cord**  
 Upgrade to 50-foot cord sensor. . . . . TSU-1050  
 Upgrade to 100-foot cord sensor. . . . . TSU-1100



**Recommended accessories**

- DTK-120 Surge protector 120 volt
- DTK-240 Surge protector 240 volt
- URS-0024 – rain sensor with 3-foot cord
- URS-1024 rain sensor with 100-foot cord  
 (up to 3 rain sensors per system)

# FanChief

## An Energy-Saving Fan Controller Using Wind Speed and Temperature

The programmable Fan Commander offers convenient automatic control of your fan circuits for your dairy barn. The system comes with an anemometer for wind speed and a temperature probe for ambient temperature to control your overhead fans.

### Features

- Switches fans off when it's windy outside to save electricity
- The warmer the temperature the higher the prevailing wind needs to be before the fans turn off
- Easy to use touchscreen display, monitor the status and change parameters
- Fahrenheit and Celsius display
- Rugged enclosure (corrosion resistant and water-resistant)
- Temperature sensor changes the fan speed.
- Optimal summer/winter ventilation with forward and reverse control.
- Override temperature sensor with large override buttons
- Fan speed increases as the temperature increases
- Includes Anemometer to measure the prevailing wind
- Two relays (NO) and a 0-10-volt speed signal output

### FAN CHIEF

24vdc input . . . . . FCT -1

120vac input. . . . . FCT -1AC

### Tech features:

- 1 temperature sensor
- 1 bank output
- Override knob
- Controls up to 20 variable speed drives on 1 bank
- Forward / Reverse Control

### Temperature Probe Cords

Upgrade to 50-foot cord sensor . . . . . TSU-1050  
Upgrade to 100-foot cord sensor . . . . . TSU-1100

### Recommended parts:

- RPH-310 - Humidity sensor - THI index for cow comfort
- CC-A1 - Wind sensor -- turn the fan off in high winds

### ALSO AVAILABLE:

#### Our Original Fan Commander Series Fan Controller Using Wind Speed and Temperature

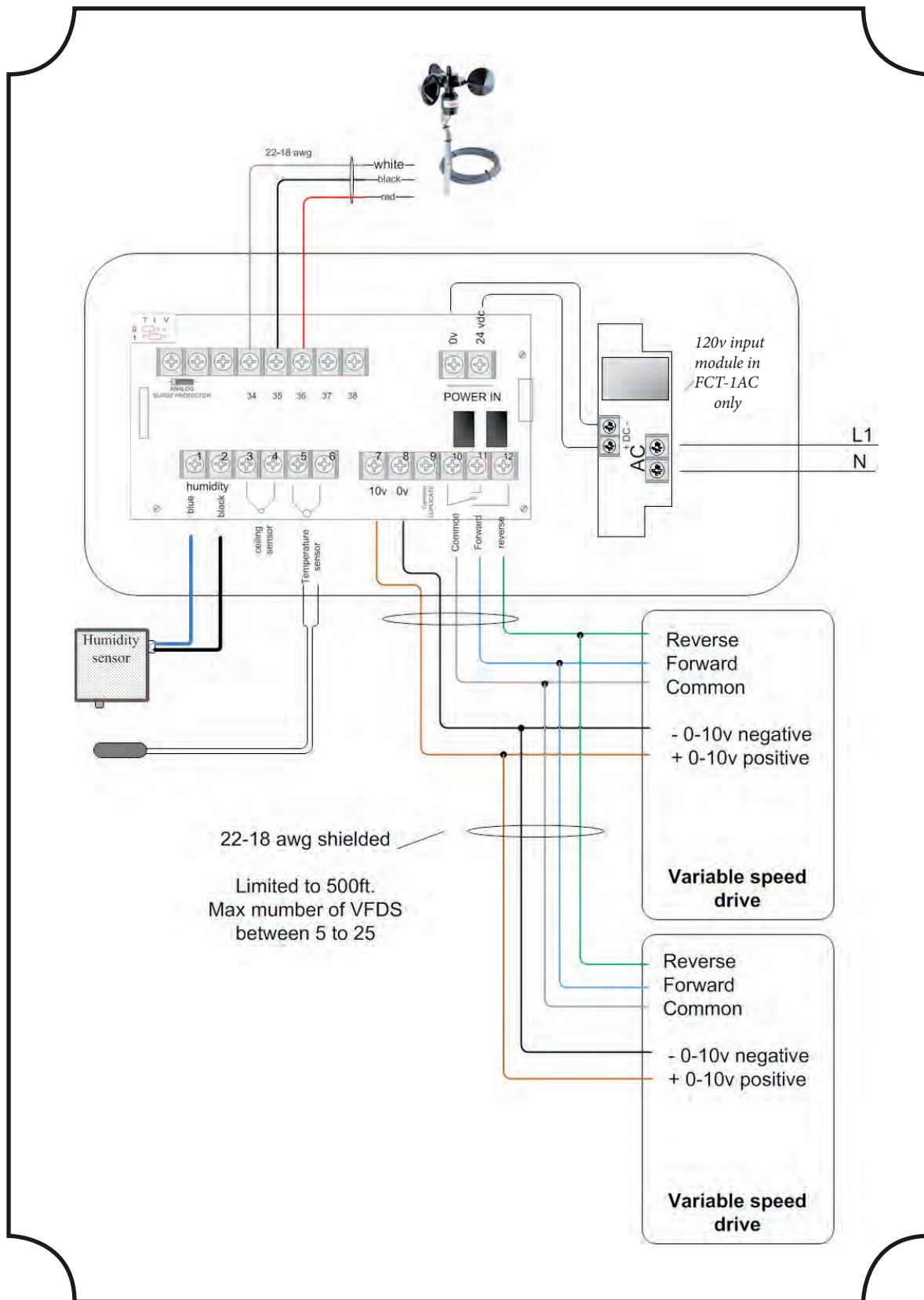
The system comes with an anemometer for wind speed and a temperature probe for ambient temperature to control your overhead fans conveniently and automatically . . .



Variable Speed Edition. . . . .FCV-1000





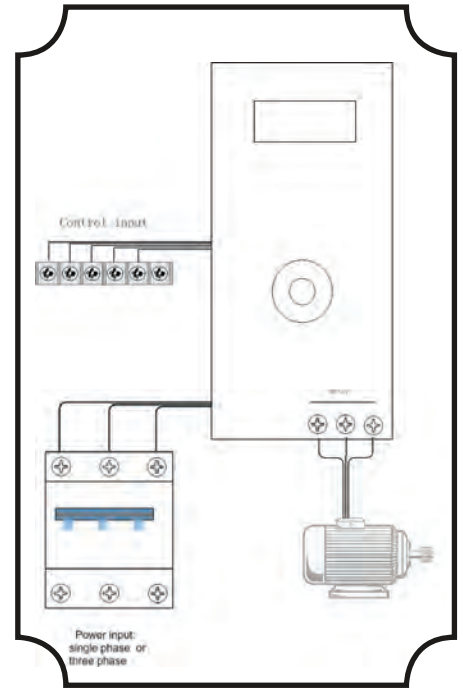


# Variable Speed Drives



## Tech features:

- Works with single or three-phase input power.
- Converts single-phase to three-phase
- Compatible with all three-phase motors
- Circuit breaker for easy use
- Non-metallic UL - Nema 4x enclosure



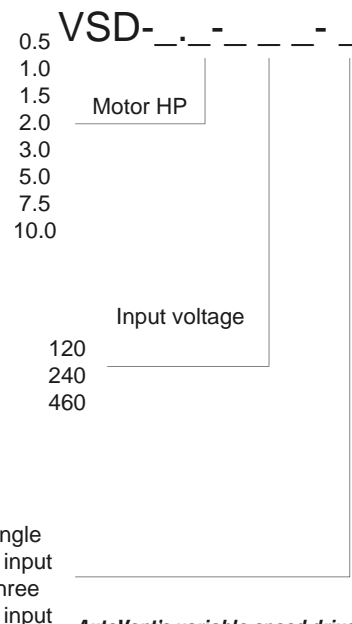
## Benefits for all the units:

- Varied motor speed in infinite steps
- Sealed enclosure for agriculture environments
- Clear enclosure lid and Full-screen LCD to displays status
- Compatible with ordinary three-phase motors
- Tested Low electrical and radio interference systems
- Easy to install
- Can be used as a phase converter

## Applications

- Fans
- Conveyors
- Mixers
- Material Handling
- Fans and Pumps

## Parts Number Scheme



## Recommended items:

- FCV-10DW Fan Commander temperature control for animal environments
- Captain controller with 0-10v
- KVT-400 with 0-10v
- ~ Humidity and temperature sensors to control motor speed

*AutoVent's variable speed drives connect to regular 3 phase motors. They allow you to control the motor speed infinitely from 0 to full speed.*



# 24 Volt Curtain Motor Controls



## Benefits for all the units:

- Circuit breaker technology no more fuses to replace in the dead of winter.
- Individual Circuit breaker for each motor sized according to your needs. — 5, 7.5, 10, 15-amp selection
- Exclusive design allows longer motor leads
- Sealed NEMA 4x ABS enclosure, nonmetallic. Will not rust or corrode
- high efficiency, rugged transformer design.
- Work with all 24 Volt DC motors
- Large, Easy-to-wire box

Part number	Number of motors	Max. output amps	Override toggles	Vent interface	Fuse sizes	Enclosure size
CMR-0224	1	10	Yes	dry contact	5,7.5,10	7x11x6
CMR-3224	2	10	Yes	dry contact	5,7.5,10	7x11x6
CMR-3224-5	2	20	Yes	dry contact	5,7.5,10	7x11x6
CMR-0424-5	4	20	Yes	dry contact	5,7.5,10	11x15x6
CRR-0224	1	10	No	dry contact	5,7.5,10	7x11x6
CRR-3224	2	10	No	dry contact	5,7.5,10	7x11x6
CRR-3224-5	2	20	No	dry contact	5,7.5,10	7x11x6
CRR-0424	4	20	No	dry contact	5,7.5,10	11x15x6
CMC-0100	1	10	Yes	none	5,7.5,10	7x11x6
CMC-0200	2	10	Yes	none	5,7.5,10	7x11x6
CMC-0400	4	10	Yes	none	5,7.5,10	7x11x6
CMC-0400-5	4	20	Yes	none	5,7.5,10	7x11x6



## CDR-0124

- Powers Single Curtain as a Door Control

## CDR-0224

- Powers Dual Curtains as a Door Control
- Garage Door-like Functions on a Curtain
- Multiple Control Pads



Optional wireless curtain remote for CDR Models

# 24 Volt Curtain Motor Controls



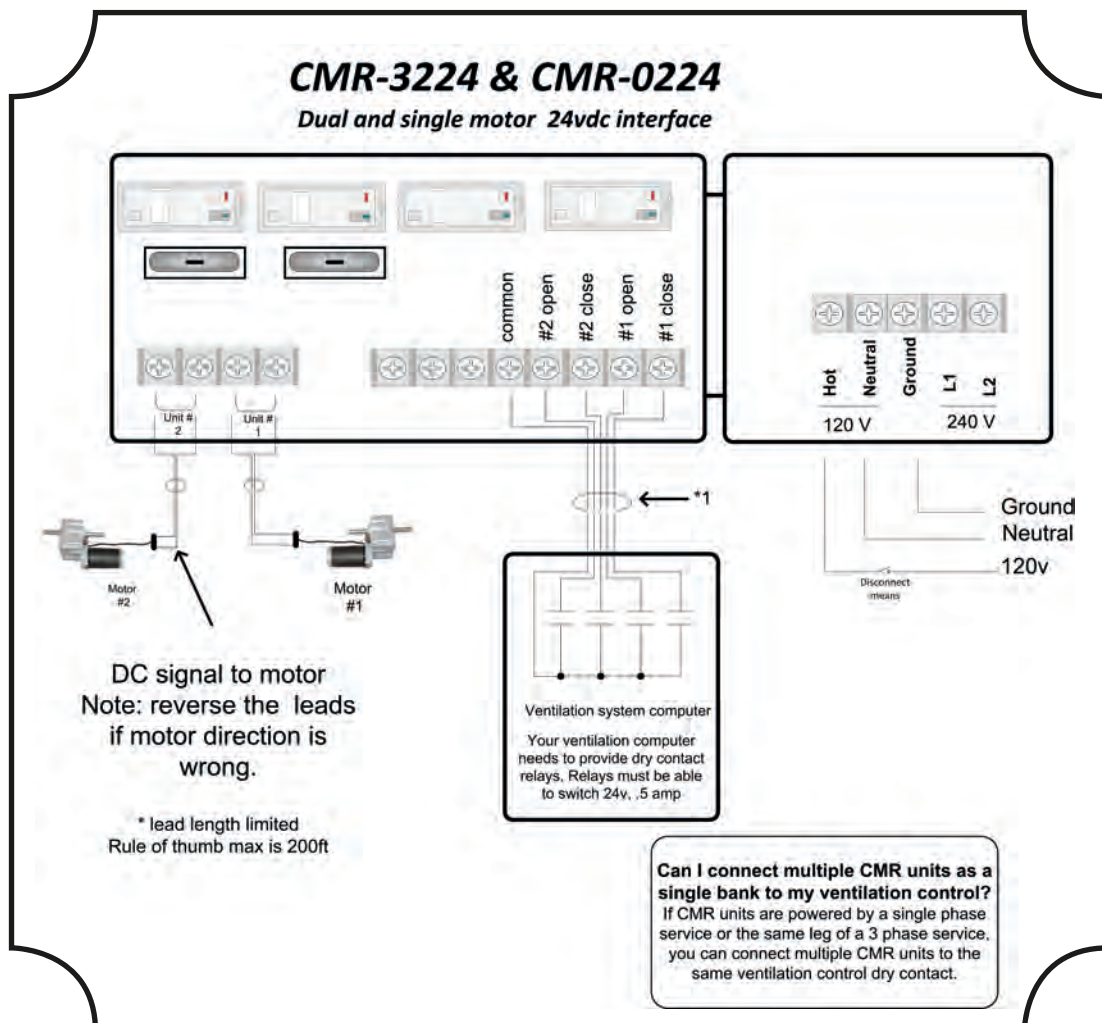
## Optional CMR-AC24



- Allows direct wiring to Microgrow and Wadsworth 24vac greenhouse controls.
- Allows multiple CMR power supplies to be connected to same zone when powered by 3 phase installations .

## CMR-3224

- Powers and gives override control to 2 motors.
- Links any ventilation controller.
- Override switches 2 separate motors to be opened/ closed by or independently of the ventilation controller.
- Very popular for greenhouses.
- *Single Motor Model is available as CMR-0224*



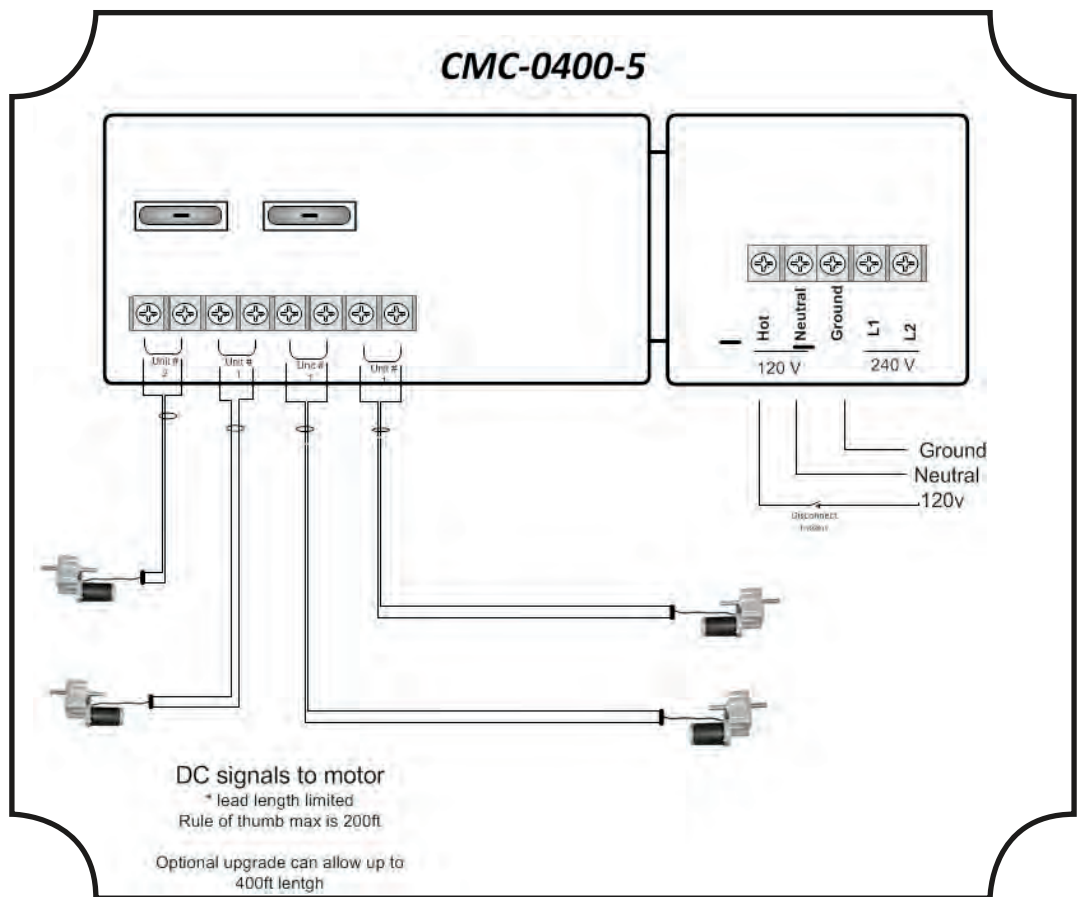




## CMC-0400

### Benefits:

- Toggle Control of 4 Independent Motors
- Plugs into any 120 Outlet
- Cord Grips/Glands preinstalled for curtain motor wires.
- 300 watt



## CMC-0100

### Benefits:

- Toggle Control of One Motor, 300 watt
- Easy to install & use
- Built-in overload protection
- Powers and controls 24VDC motors
- Plugs into a 120-volt outlet
- 300-watt 24vdc output



## CRR-0324-5

- Large, Easy to Wire Box
- Powers and Connects 3 Independent Motors to a Ventilation Controller - 600 watt output

# ***Curtain Automation***

## CURTAIN DRIVE MOTOR SYSTEM

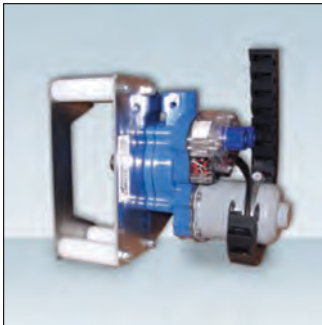
### **AutoVent Curtain Motors**

Our line of curtain motors has been specifically designed to meet the challenges of natural ventilation in dairy and beef operations. Their lightweight yet rugged design provides robust performance with minimal structural forces.

Our motors work well with your existing system or in new installations. Easy installation makes the AutoVent motors the right choice for your farm.

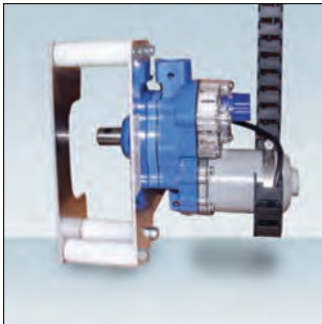
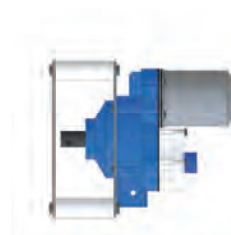
### **AutoVent motor features:**

- High output torque in a compact design
- Single or dual output shaft configuration
- Multiple input voltage options
- Easy to access mechanical limit switches or no hassle software limits



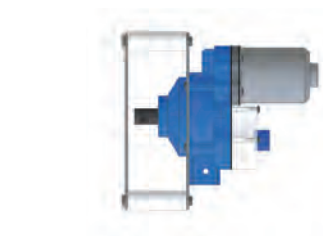
#### **CMD-072**

**Single Shaft 24V Motor**  
rated for 75-foot  
bottom rolling curtain  
Ideal for Doorways and Aisles



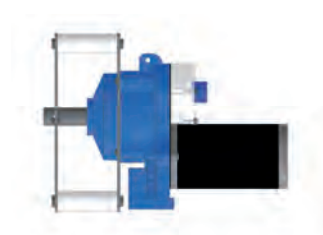
#### **CMD-0115**

**Single Shaft 24V Motor**  
rated for 115-foot  
bottom rolling curtain



#### **CMD-0150**

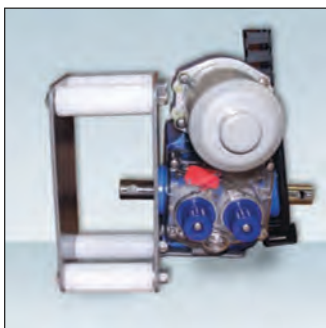
**Single Shaft 24V Motor**  
rated for 240-foot  
bottom rolling curtain



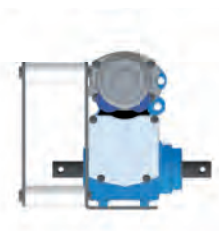


# *Curtain Automation*

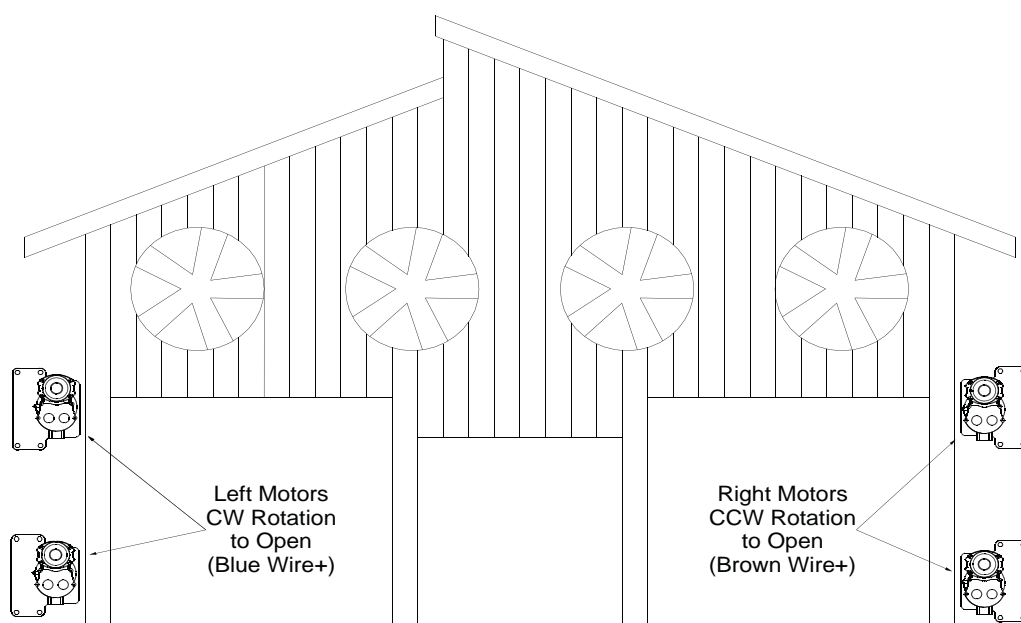
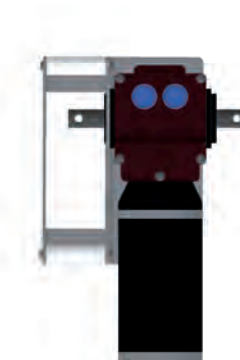
## CURTAIN DRIVE MOTOR SYSTEM



**CMD-0180**  
Double Shaft 24V Motor  
rated for 200-foot  
bottom rolling curtain



**CMD-0401**  
Double Shaft 24V Motor  
rated for 350-foot  
bottom rolling curtain



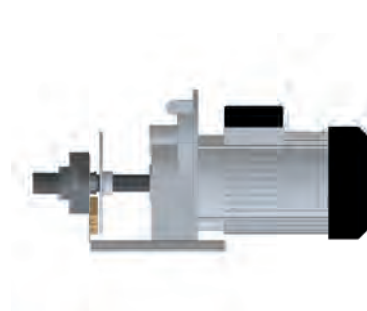
# Curtain Automation

## CURTAIN DRIVE MOTOR SYSTEM



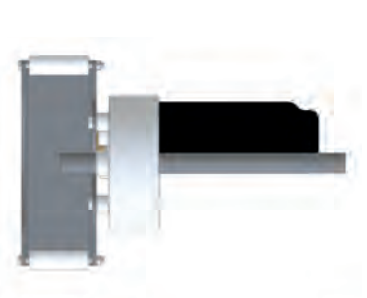
### HBJ-800 & HBJ-760

**Single Shaft 120/240V Motor**  
High speed Wall mount  
Often used for parlor dividers



### C9040

**Double Shaft 90V Motor**  
rated for 600-foot  
bottom rolling curtain



Part number	Output shaft	RPM	Torque output ft. lbs	Output Shaft Size	Input Voltage	Amp Draw
CMD-0401	Dual	3.6	173	0.86"	24 DC	15
CMD-0180	Dual	3.6	89	0.86"	24 DC	7
CMD-0150	Single	3.6	110	0.86"	24 DC	10
CMD-0115	Single	3.6	66	0.76"	24 DC	5
CMD-072	Single	3.6	24	0.76"	24 DC	3
HBJ-800	Single	50	54	1"	120 AC	11
HBJ-760	Single	50	36	1"	120 AC	8
C9040	Dual	3	350	1"	90 DC	2

# *Curtain Automation*

## CURTAIN DRIVE MOTOR SYSTEM

### ***General Motor Clearance Dimensions***

CMD-072 & 0115 — 9.5" deep, 12" wide,  
CMD-0150 & 0180 — 10.5" deep, 16" wide  
CMD-0401 — 12" deep 14" wide

### ***Guidelines for Curtain End Boxes***

**curtain box length** — Add 6" above and  
below curtain travel distance  
**curtain box width** — add 6" per side  
for curtain overlap

CMD-0401:  
Add 14" to bottom of curtain drive box

### ***Curtain Motor Accessories:***



**CMP-0001** - Set of 2 guide pipe bracket.



**CMP-0030** \*- .76" to keder pipe adapter

**CMP-0031** \*- .86" to keder pipe adapter

\*N= Norbco, S= Farmtek,



**CMP-0011** - .76" to 1" steel pipe adapter (1.3" tube)

**CMP-0025** - .86" to 1" steel pipe adapter (1.3" tube)



**CMP-0014** - .76" to 1.66" steel pipe adapter

**CMP-0024** - .86" to 1.66" steel pipe adapter





# AmeriWind HVLS Fans

## Features:

- Low Maintenance. Direct Motor Mount
- Efficient design. Blades mount directly on the motor to eliminate gearboxes & belts
- Strongest airfoils on the market
- Works for all temperatures. Variable Speed Control
- Saves electricity, replace multiple panel fans with one fan
- Mounts easily between 48" wood trusses
- Steel building attachments available
- WeCover Attachment Available

## Benefits:

- Better performance - comfortable animals perform better
- Cleaner livestock from drier bedding
- Less bedding needed. Bedded pack areas report 75% less needed.
- Better air movement keeps flies away





### T SERIES DIRECT DRIVE FAN

Model .....Fan2402T  
 Thrust.....108lb  
 Diameter .....24-20ft  
 Number of Blades.....5  
 Nominal HP .....2  
 Nominal Weight.....360lbs  
 Full Speed Amps .....6.7 amps  
 Variable Speed.....24 to 72 RPM

#### Mounting Hardware

Drop Pipe Mount..... 4' on center wood truss extended  
 extended drop (w/ guy wires)  
 Standard Mount.....4' on center wood mount, 3' drop  
 Tub Style Mount..... 4' on center wood truss w/1' drop  
 (not pictured)

#### Motor

2HP.....72 RPM Direct Drive  
 Gearless .....Blades bolt directly to the motor shaft  
 Variable Speed Drive  
 Input Voltage ..240 or 480v single phase - opt. three-phase  
 Enclosure.....NEMA 4x mounts near the motor  
 Automatic and Manual.....per request  
 Warranty.....3-year MFG defect  
 Efficiency.....77%

### E SERIES DIRECT DRIVE FAN

Model.....Fan1802E  
 Thrust .....50lb  
 Diameter .....12-18ft  
 Number of Blades .....5  
 Nominal HP .....1  
 Nominal Weight .....200lbs  
 Full Speed Amps.....3.0 amps  
 Variable Speed .....40 to 85 RPM

#### Mounting Hardware

Standard Mount.....2' drop  
 Drop Pipe Mount.....Extended drop (w/ guy wires)  
 Truss Mount .....4' on center wood mount, 2' drop

#### Motor

1HP .....85 RPM Direct Drive  
 Gearless .....Blades bolt directly to the motor housing  
 Variable Speed Drive  
 Input Voltage.....240v single phase - opt. three-phase  
 Enclosure .....NEMA 4x mounts near the motor  
 Automatic and Manual .....per request  
 Warranty .....3-year MFG defect  
 Efficiency.....95%

*Visit the AmeriWind website*

**AmeriWind.net**

24-foot fan .....Fan2402T  
 20-foot fan .....Fan2002T  
 18-foot fan .....Fan1802E  
 14-foot fan .....Fan1402E  
 12-foot fan .....Fan1202E

# 90 Volt Curtain Motor Controls



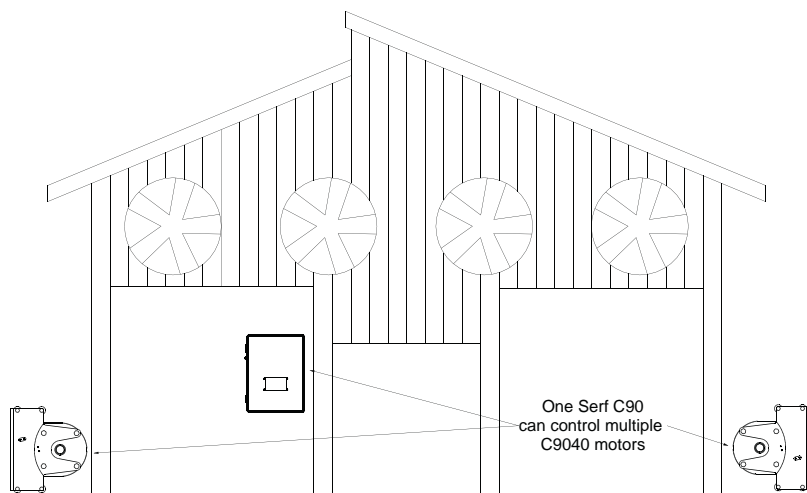
# Serf C90

## An Easy to use Controller for 90-volt curtain motors

The programmable Serf C90 offers convenient automatic control of your c900 Curtain motors. The system comes with a temperature probe for ambient temperature to intuitively control your curtains, or for next-level control performance, it can also be connected to a ventilation controller.

### Features:

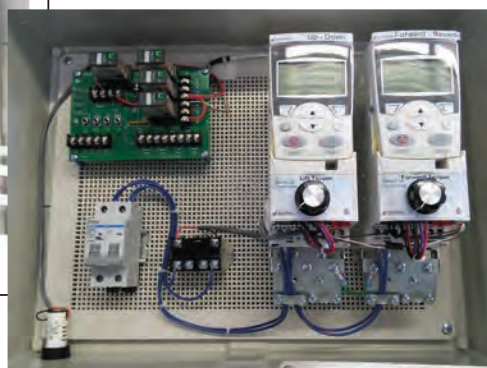
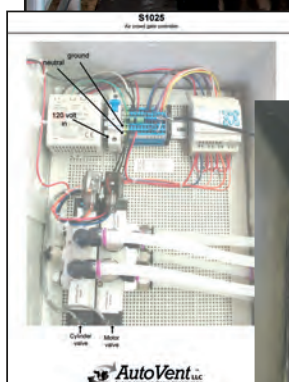
- Touchscreen for easy monitoring and programming.
- Compatible with AutoVent 90-volt motors.
- Versatile - Controls up to three motors.
- Easy to understand settings and user interface.
- Easy - Set limit positions inside the barn.
- Works as a standalone temperature controller or connects with your existing temperature controller.
- Safe - Electronically adjustable motor torque limits.
- Integrated - Provides solid-state potentiometer feedback. Works with AutoVent or Phason Autoflex.



**Serf C90**  
for 3 motors ..... SERFC90



# Crowd Gate Control Systems



## GATE CONTROL

### Features

- Gate stops at adjustable torque limits
- You bump forward button. . . gates jogs forward several feet (user adjustable)
- Press UP and Reverse, the gate goes to the rear of the holding area
- Controls for 1 HP motors
- See and understand gate usage from your phone
- Remotely change torque and gate settings
- Made to be used by "NO COMPRENDO" milkers
- Wi-Fi or three years free connectivity
- Plug and Play Low Voltage Pushbuttons
- Optional 2nd or 3rd set of pushbuttons
- 1/2" Air Solenoids
- Limit Switches

### Torque Electric Gate Controls

- |                                  |       |
|----------------------------------|-------|
| 1 HP Controls . . . . .          | S-010 |
| Air Crowd Gate Control . . . . . | S1025 |
| Custom for your system           |       |

# Parlor Stall Control System



## S1045

### Features

- Electric over air system.
- Control up to 6 sets of air cylinders
- Entrance cylinders
- Indexing cylinders
- Exit cylinders
- 1-4 operator/pushbutton panels per side of the parlor.
- Quick exhaust valve for exit cylinder

### Benefits:

- Reliable valves
- Easy to install
- Safe -Low voltage solenoids
- Fast exit exhaust system.

# Sprinkler Control Systems



## Humidity Master 1000

The Humidity Master 1000 uses a logic controller to control the flow of water and air to your cows. The program is designed to give the optimal amount of cooling while keeping the cow bed dry using input sensors for both temperature and humidity.

### Humidity Master Controller Unit . . . HMC-1000

Controls spray time and dry time in four zones.  
Short protected solid-state relays for long life.

### System Components

- Programmable Logic Controller
- Combination Humidity and Temp Sensor
- Low Voltage 24 V Electric Valve and Filter
- Water Pressure Regulator
- Solid-state Long-Life Relays (short protected)
- Optional Fan Control Module controls up to 4 fan zones with 4 modes
- Optional Additional Temperature Sensors for each zone
- Optional Remote Control for Timer Control



## Captain6-for Soakers

6 soaker controller for soakers uses humidity and temperature with touch-screen convenience

Captain6-with integrated soaker valve power..... CP60D-SPR

- Controls 6 stages of solenoids
- NEMA 4x enclosure
- 1 thermistor temperature sensor
- 1 humidity sensor Optional
- (6) SPDT 5 amp relay outputs.
- 120-volt input power
- Six-zone Edstrom replacement
- Controls six zones in sequence



## C-450 Sprinkler Control

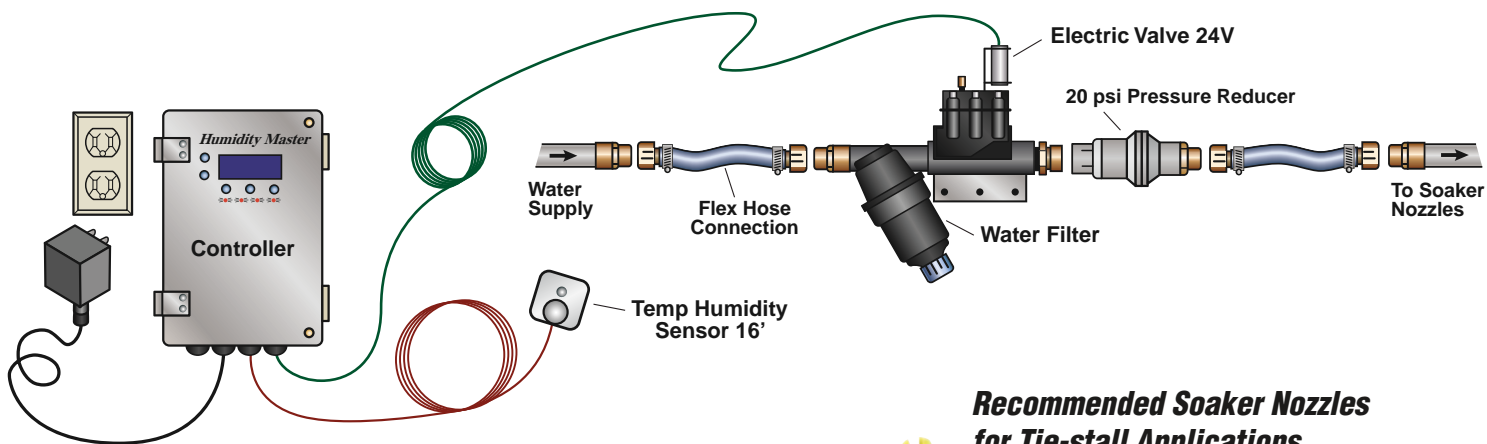
This C-450 from AutoVent is an ideal brain for your livestock cooling. The C-450 controls up to four electric valves in sequence. Because of the sequencing program built into this controller, demand for your water system is reduced. This versatile system provides infinite ramp drying times based on temperature. **All Electric Solenoid Kits are sold separately. See electric valve kits on page 25.**

### Benefits:

Versatile: C-450 controls 4 individual valves. If you have less than 4 valves the remaining zones can be fan controls.

- NEMA 4x enclosure
- Controls 4 zones with independently switched solenoids
- 1 thermistor temperature sensor
- Four 24V AC outputs
- 120-volt input power

Sprinkler Control . . . C-450



**Additional or Replacement  
Temperature / Humidity Sensor . . . . . HHS-1105**



**Extension Cord for Humidity Sensor**  
49' Signal Extension Cord . . . . . M12EXT50  
98' Signal Extension Cord . . . . . M12EXT100



**Electric Valve / Filter / Pressure Reducer**  
1" NPT Valve Kit 18 GPM 24V . . . . . HEV-1024  
1" NPT Solenoid Valve 20 GPM 24V . . . . . HEV-01  
1" NPT Heavy Duty 200 Mesh Filter . . . . . HEV-02B  
1" NPT 25 PSI Pressure Regulator . . . . . HEV-03  
1.5" NPT Solenoid Valve w/ Flow Control . . . . . HEV-15V  
2" NPT Solenoid Valve w/ Flow Control . . . . . HEV-2V  
1.5" 25 PSI Pressure Reducer . . . . . HEV-15PR25  
2" NPT T-Style Filter . . . . . HEV-2F

## Recommended Soaker Nozzles for Tie-stall Applications



**Tee Jet Air Induction Nozzle . . . . . AI9502EVS**  
Air Induction even flat spray tips recommended  
for low drifting in tie-stall applications



**Quick Connect & Gasket for  
Air Induction Tips . . . . . 25598-1-NYR**



**Quick Connect Check Valve Body . . . . . QJ(B)8360-NYB**  
Made of Nylon with Nylon/polypropylene end cap  
assembly. The check valve opens at 10 PSI pressure.  
1/4 NPT (M) inlet connection.

## Recommended Soaker Nozzles for Free-stall Applications



**Quick Connect & Gasket . . . . . 25608-1-NYR**



**Red Nozzle Tip .25 GPM at 20 psi . . . . . TF-VP2**  
**Blue Nozzle Tip .5 GPM at 20 psi . . . . . TF-VP4**

*Always check to make sure to have  
matching caps and nozzles*

# Foot Bath Fill System



## Dual or Single Foot Bath Dispensing

- Safely handles formaldehyde
- Press the button, and your footbath fills with water and chemicals
- Shows how long since you last filled the footbath
- Economical and adjustable chemical/water closing
- Easy to use Touchscreen interface

### Includes:

- Chemical Pumps in an enclosure
- Watts 9D backflow preventers

2 ft. bath dispensing . . . . . FBD20  
1 ft. bath dispensing . . . . . FBD10





# *Storm's Coming!*

# AUTOMATE

## *Your Fans & Curtains*



### **What Customers are saying....**

"Its my robotic ventilation.  
My sand bedding stays  
drier because the curtains  
are open more."

**Brian Zeiset —Ephrata PA**  
**90 cow freestall barn**  
**sand bedding**



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