

# Environmental Controls

## 5000 Series



AeroBoss Series



AeroStep Series



AeroTunnel Series



## The ultimate building management tool

From the simplest on/off thermostats to the complete digital control of fan speed, there's an Aerotech control just right for your needs.

The AeroBoss series offers minimum and natural ventilation with programmable temperature and ventilation curves. The heating can be single, zoned or sequential. Additionally, there is a programmable low limit for natural ventilation.

The AeroStep Series is a single zone computer control with 4, 8 or up to 12 individually adjustable stages with optional temperature and ventilation curves. Cooling has adjustable timer settings, designed for a misting system. The heating stages can be single, zoned or sequential.

AeroTunnel is a minimum, natural and tunnel computer control with programmable curves. Heating can be single, zoned or sequential and there is a programmable low limit for natural ventilation.

## PRODUCT INFORMATION

- Enclosures are sealed plastic.
- All relays are "dry contacts" rated 6 Amp or 1/3 HP max.
- Thermal contact relays used for heating or cooling signals.
- PC Loop available.
- Ramping Timer available.
- Sensors may be extended on all models with optional Aerotech junction box and cable.
- Minimum, maximum temperature recording.
- Variable speed models use dual triac technology.
- Units with digital displays have stage indicator lights.
- Settings can be locked to prevent tampering.
- Models can operate inlets with use of optional end station.
- Models operate on 120/240 VAC, 60 Hz.
- Contact office for 50 Hz versions.



AeroSpeed Series offers a variety of single zone environmental computers. Fully adjustable temperature curves with outputs for variable speed, thermal and cooling contact.

# Ventilation, Heating and Environmental Controls

Control Selection Guide									
Model	Catalog No.	Variable Speed Outputs	Thermal Contacts*	Cooling (only) Contacts	Sensors (max.)	Curtain Stage	PC Loop	Ramping Timer	Alarm Contacts
Single-Stage Thermostat	AC1251	--	1	--	1	--	no	no	no
Select Speed Control	SSC, SSC1	1	--	--	--	--	no	no	no
Variable Speed Control	SQ1000, SQ2000	1	--	--	1	--	no	no	no
AeroHeat 1.0	ST2010	--	1 (heat only)	--	--	--	no	no	no
AeroSpeed 1.1	ST5110	1	1	--	4	--	yes	no	yes
AeroSpeed 1.11	ST5129	1	2	9	4	--	yes	no	yes
AeroSpeed 1.2	ST5120	1	2	--	4	--	yes	no	yes
AeroSpeed 1.3	ST5121	1	2	1	4	--	yes	no	yes
AeroSpeed 1.6	ST5124	1	2	4	4	--	yes	no	yes
AeroSpeed 2.2	ST5220	2	2	--	4	--	yes	no	yes
AeroSpeed 2.4	ST5222	2	2	2	4	--	yes	no	yes
AeroStep 4	ST5022	--	2	2	5	--	yes	yes	yes
AeroStep 8	ST5026	--	2	6	5	--	yes	yes	yes
AeroStep 12	ST50210	--	2	10	5	--	yes	yes	yes
AeroCurtain 1.0	SN1010	--	--	--	--	1	no	no	no
AeroCurtain 1.2	SN5012	--	2	--	4	1	yes	no	yes
AeroBoss 1.6	SS5124	1	2	3	5	1	yes	no	yes
AeroBoss 7	SS5025	--	2	4	5	1	yes	yes	yes
AeroTunnel 1.8	SS5126	1	2	5	5	1	yes	no	yes
AeroTunnel 9	SS5027	0	2	7	5	1	yes	yes	yes

\*Thermal contacts for Heating or Cooling

## Accessories



### Stage Hand Relay Panels

- From one to twelve stages.
- Each stage has an ON/OFF/AUTO switch and relay.
- Receives 120 VAC ON/OFF control signals.
- Activates up to 2 HP or 15 Amps at 240 VAC max.
- Clearly marked terminal blocks simplify field wiring connections.



### AgriAlert Alarm System

- Outdoor temperature compensation.
- Maximum surge protection.
- Special "can't ignore alarm" feature.
- Keep track of alarm history.
- Status reports on each zone.
- System has slots for future expansion.
- System flexibility.

### WARNING

Aerotech controls are designed for high reliability and long life, but like all electrical equipment, may experience failure. If these controls are used in an environmental control system where failure could result in loss or injury, the INSTALLATION OF AEROTECH'S AGRI-ALERT ALARM OR AN INDEPENDENT EMERGENCY ALARM SYSTEM IS STRONGLY ADVISED.

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