

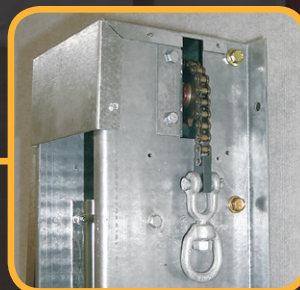
# CURTAIN MACHINES

## AUTOMATED PRODUCTION SYSTEMS



Protect the health of your investment with a properly controlled curtain system. AP's Curtain Controller and Auto Curtain machines deliver powerful performance and reliable operation.

reliable  
air management



### CURTAIN CONTROLLER ▲

Our most popular machine is the Curtain Controller. This is a screw driven automated curtain machine with a heavy duty 15, 30, or 60 RPM motor. Multi-directional, frame mounted, header pulleys and latch out assembly come standard.

(Thermostat controls, electronic controls and extra bracket kits sold separately.)



### GEARING UP ▲

When the summer heat is on, a reliable curtain system is essential. The Curtain Controller's solid construction and rust resistant materials make the sprocket controller a reliable workhorse year after year. Polyethylene pulley covers provide additional weather protection.



### AUTO CURTAIN ▲

AP's Auto Curtain operates on a cable system by winching a cable around a grooved drum controlled by a thermostat and timer. A 506S version uses a sprocket and chain drive that wraps the curtain, or door drop cords, around a building length pipe.





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### CURTAIN CONTROLLER COMPONENTS

The Curtain Controller utilizes a threaded block and drive screw directly coupled to a direct drive gear motor.

The drive block assembly features a nylon insert in a heavy-duty powder coated weldment. The removable nylon insert simplifies maintenance, decreases friction and provides wear characteristics superior to conventional brass drive blocks. UHMW polyethylene guide wheels insure smooth travel, proper alignment and stability of the drive block in the machine.

Adjustable latch out switches can be installed in multiple locations to energize and de-energize a variety of equipment.

New one-piece, galvanized, lift-off cover makes for ease of service. A plastic water resistant junction box is accessible from the outside of the curtain controller.

Isolated primary and secondary limit switches allow for back-up protection.



### AUTO-AIR ACTUATOR

The Auto-Air Actuator gives precise control of automated air inlets or chimneys. This powerful unit features 24" of travel and 700 pound lift capacity. The actuator's internal potentiometer communicates with any Airstream control through the PF-6 inlet positioning module or integrated outputs of the Expert controllers. The controllers and Auto-Air Actuator work together to adjust to the correct air inlet position for all stages of ventilation providing optimum environmental control.



Quick Disconnect Cords

### HARDWARE KITS

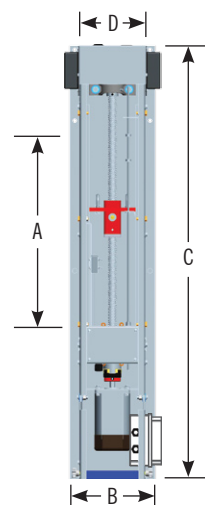
Hardware kits are available with heavy duty galvanized steel components including sealed needle bearing pulleys, and plated, anti-wrap designed fasteners for ease of installation.



### CURTAIN MACHINE SPECIFICATIONS

Actuator	H. P.	Voltage	Frequency	AMP Draw	Travel Speed	RPM
15 RPM Curtain Controller	1/12	115V	60 Hz	1.0 Amps	3" per minute	15
30 RPM Curtain Controller	1/8	115/220V	50/60 Hz	1.7 Amps	6" per minute	30
60 RPM Curtain Controller	1/6	115V	60 Hz	1.8 Amps	12" per minute	60
A.T. Newell	1/2	115V	60 Hz	6.0 Amps	3" per minute	1725
Auto-Air Actuator	1/8	115V	60 Hz	1.8 Amps	15" per minute	1625

Curtain Commander Length	"A" Travel	"B" Width	"C" Length	"D" Width Less Flange	Weight
24" (61 cm)	22" (55.9 cm)	10.2" (25.9 cm)	52" (132.1 cm)	9.5" (24.1 cm)	110 lbs. (49.9 kg.)
36" (91.4 cm)	34" (86.4 cm)	10.2" (25.9 cm)	64" (162.6 cm)	9.5" (24.1 cm)	130 lbs. (58.9 kg.)
48" (121.9 cm)	46" (116.8 cm)	10.2" (25.9 cm)	76" (193 cm)	9.5" (24.1 cm)	150 lbs. (68.0 kg.)
60" (152.4 cm)	58" (147.3 cm)	10.2" (25.9 cm)	88" (223.5 cm)	9.5" (24.1 cm)	160 lbs. (72.6 kg.)



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