



DRAPERY MACHINES

TOM THUMB® Models 872 and 872-MCS



Model 872



Close-up of
RCS for Models
872 and 872-MCS

NOTE: Shown with guard which is required for UL/ETL compliance.	Model No.	
	872	872-MCS
Horsepower	1/30	1/30
Volts	120	120
Control Volts	120	24 VAC
Cable Speed (fpm)	50	50
Curtain Separation Speed (fps)	1.7	1.7
Number of Control Wires (Plus Ground)	3	4
Length	10	10
Width	5.5	5.5
Height	10.5	10.5
App. Shipping Weight (lbs.)	25	30

Other data can be found in the Curtain Machine Selector Guide (page 86).



Curtain Operator
*applicable only to single phase units when UL approved guards are installed.

Models 872 and 872-MCS represent the very finest in quiet and dependable machines for light weight draw curtains. These machines are designed to be mounted on the floor, or from a wall bracket, behind the stack portion of the curtain.

OUTSTANDING FEATURES:

DRIVE WHEEL

An N-grooved 3 - 1/2" diameter aluminum wheel is used to help limit cable slip. Coated wire-center cable must be used with these machines.

CONTROL SWITCH

Model 872 utilizes a single full voltage maintained three-position toggle switch and integral rotary limit switches for control. Model 872-MCS utilizes a 3-push button low voltage (24 Volt DC) control station and limit switches for control. Any number of control switches can be used with Model 872-MCS machines, but only one control switch can be used with the Model 872 machine.

ROTARY LIMIT SWITCH

Allows for user defined pre-set stops for the "Full Open" and "Full Close" positions. Fully adjustable rotary cam type assembly.

IDLER SYSTEM

Composed of 2 ball-bearing equipped wheels which helps increase load capacity of machine and assure proper cable alignment.

WALL MOUNTING BRACKET

Obtainable as an option.

MANUAL OPERATION

Accomplished by simply operating the cord by hand in the event of mechanical or power failure.

OVERLOAD PROTECTIVE FUSE

Helps protect machine, track and drapery against the effects of accidental overload.

AUTOMATIC THERMAL OVERLOAD

Built into motor to help prevent possible damage to motor due to overheating.

Wheel drive machines are not recommended for curved track applications.

SUGGESTED SPECIFICATIONS FOR MODELS 872 AND 872-MCS

Curtain machines shall be equipped with 1/30 HP gearmotor on the output drive shaft of which shall be mounted grooved traction wheel delivering a cable speed of 50 feet per minute equivalent to curtain separation speed of 1.7 feet per second. Mechanism shall include appropriate control assembly to provide reversing action at any point along travel. Machine shall be equipped with ball-bearing idler wheels and overload fuse. The entire mechanism shall be enclosed in casing for securing to floor or other appropriate means of attachment. Model 872 and 872-MCS as manufactured by Automatic Devices Company of Allentown, PA.