



ELECTRICAL NOTES:

- OUR MOTORIZED SYSTEM INCLUDES: THE ACTUATOR, 3-POSITION SWITCH, POWER SUPPLY, ACTUATOR GROUP CONTROLLER AND CLEARLINE ATTACHMENT AT THE WINDOW. **IT DOES NOT INCLUDE:** ANY INSTALLATION, FIELD WIRING, SWITCH BOXES, ELECTRICAL CONDUITS, OR JUNCTION BOXES NECESSARY TO COMPLY WITH ELECTRICAL CODES FOR 120V AND LOW VOLTAGE WIRING REQUIREMENTS. **NOTE:** PROVISIONS FOR PROPER FIELD WIRING MUST BE COORDINATED WITH ELECTRICAL CONTRACTOR.
- THIS MOTORIZED SYSTEM AS SUPPLIED CAN BE CONTROLLED BY THERMOSTAT OR AUTOMATICALLY.
- KEY SWITCH (ITEM 2), POWER SUPPLY (ITEM 3) AND ACTUATOR GROUP CONTROLLER (ITEM 9) CAN BE PLACED AT ANY LOCATION WITHIN 100 FT.
- REFER TO WIRING DIAGRAM ED-521 : (4) ACTUATORS CONTROLLED BY (1) ACTUATOR GROUP CONTROLLER (ITEM 9), (1) POWER SUPPLY (ITEM 3) AND (1) KEY SWITCH (ITEM 2).

GENERAL NOTES :

- ⊗ DENOTES ITEMS SUPPLIED WITH ACTUATOR.
- THESE CONTROLS WILL OPEN VENT 29".
- PARTS HAVE A STANDARD GREY FINISH.
- ALL ELEVATIONS ARE VIEWED FROM THE INSIDE.
- VENTS MUST MOVE FREELY - FINGER-TIP OPERATION. FOR EASE OF OPERATION, HINGES SHOULD BE ZERO FRICTION & SUPPLIED WITH LOOSE "RIVETS".
- WARNING : KEEP HANDS/CHILDREN AWAY WHILE OPERATING WINDOWS.
- A BUZZER MAY SOUND IN THE EVENT OF IMPROPER INSTALLATION.

10	10-24	PAN HEAD MACHINE SCREW X 1/4	
9	2199	ACTUATOR GROUP CONTROLLER	
8	10-24	NUT	
7	10-24	PAN HEAD MACHINE SCREW X 3/4	
6	10-24	PAN HEAD MACHINE SCREW X 7/8	
5	2176	ANGLE BRACKET	
4			
3	2112	POWER SUPPLY (15A)	
2	1754	KEY SWITCH	
1	2180-750	RACK ACTUATOR	
ITEM	PART NO.	DESCRIPTION	QTY.

PROJECT:
SAMPLE RACK ACTUATOR

CUSTOMER
ORDER NO.
ARCHITECT
WINDOW MFR. CUSTOM WINDOW

DWN BY: MPK DATE: 5-31-12 CKD BY: DATE: REVISED:

CLEARLINE INCORPORATED
WINDOW CONTROL SYSTEMS
P.O. BOX 1368
NORTH WALES, PENNSYLVANIA 19454

