

# Programmable 24 Volt DC Control

## JDN5-PLUS

### 5-Unit Automated Control



### Features

- Touch screen display, easy to change settings
- Individual adjustable temperature differential and set-points for each stage
- Adjustable open/close time (1-255 seconds)
- Adjustable idle duration (1-25 minutes)
- Manual override to open/close curtains or inlets
- Battery backed clock
- Fahrenheit or Celsius display
- Includes 500 Watt DC power supply
- Power supply features thermal overload protection
- Uses a circuit breakers instead of fuses for easy reset
- Includes 3' temperature probe (can be extended up to 100' with purchase of additional wire)
- Rugged enclosure 11 3/4" x 15 1/2"

### Input Capabilities:

- (2) temperature sensor
- (1) humidity sensor
- (3) rain sensors
- (1) wind meter

### Outputs:

- (10) relay outputs equals (5) sets of 2 relay stage (open/close) outputs

ENVIRONMENTAL CONTROLS

Part#	Description	Volts	Watt Capacity
JDN5-PLUS	Control, 5 Unit, Automated, with 3' Temperature Probe	24	500
<b>Accessories</b>			
JDR3-5	Remote Power Supply, (3) 24 VDC Motors, 500W, 115/230V		
JDR3-5-480	Remote Power Supply, (3) 24 VDC Motors, 500W, 480V		
JDEX02	Expansion Module for JDN5-PLUS, adds (2) 0-10v zones		
JD200410K	Temperature Probe, with 1' wire		
JD200410K-10	Temperature Probe, with 10' wire		
JD200410K-30	Temperature Probe, with 30' wire		
JD200410K-75	Temperature Probe, with 75' wire		
JD0024	Rain Sensor		
JDRPH-050	Humidity Sensor, Sintered Filter, 55' cord w/Disconnects		

Optional rain sensor with adjustable sensitivity and heated sensing plate to quickly dry residual rain, results in a quicker reopen curtain response.

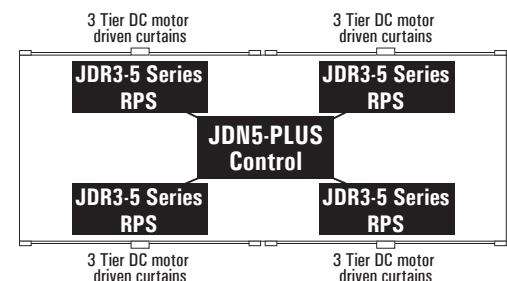


**NOTE:** If using relays for fans

- Wind speed input
  - Can switch fans to off when it's windy outside to save electricity
- Temperature input
  - Can adjust 0-10v variable speed fan to increase speed as temperature increases

## JDR3-5 Series Remote Power Supply Features

- Economical way to expand JDN5-PLUS
- Power 3 additional 24 VDC curtain drives
- Rugged enclosure (11 3/4" x 15 1/2")



# Manual 24 Volt DC Controls

## JDN4M-5 4-Unit Manual Control

### Features

- Manual control to open/close curtains or inlets
- Includes 500 Watt DC power supply
- Watertight toggle switches
- Thermal overload protection
- Rugged enclosure (7½" x 11¼" x 5¾")



Part#	Description	Volts	Watt Capacity
JDN4M-5	Control, 4 Unit, Manual	24	500

## JDR2-5 Series Manual/Remote 2-Unit Control

### Features

- May be used as a standalone manual control or as a remote controlled power supply with other compatible ventilation controls
- Uses circuit breakers instead of fuses for easy reset
- Compatible with the JD412M to control 2 of the 24 VDC curtain motors (using 4 relay stages)
- Rugged enclosure (7½" x 11¼" x 5¾")



Part#	Description	Volts	Watt Capacity
JDR2-5	Control, 2 Unit, Manual/Remote, 115/230V	24	500
JDR2-5A	Control, 2 Unit, Manual/Remote, 115/230V, w/Amp Sensor	24	500
JDR2-5-480	Control, 2 Unit, Manual/Remote, 480V	24	500