

# AccentPDIR

## AccentPDIR **CTMBV Motorized Ball Valve** Product Data



*Motorized stainless steel ball valve powered open by line voltage and motor driven closed by a built-in capacitor when power is removed from valves. Power cord included and prewired to valve inside an attached junction box. Valve is rated IP65 and junction box is NEMA4X. Junction Box is attached via high bond tape so there are no screws that compromise the enclosure ratings. Valve has a manual override so valve can be operated during a power failure. Position indicator allows for visual confirmation of valve position.*

### Part Numbers

**CTMBV - 1/2 - J** - 1/2" NPT valve with junction box

**CTMBV - 3/4 - J** - 3/4" NPT valve with junction box

### Specifications

**Max Temp.** - 194°F

**Pressure** - 0-145 psi

**Valve Body** - 316 Stainless Steel

**Valve Ball** - 316 Stainless Steel

**Seat** - PTFE

**Seals** - FKM

**Shipping Weight** - 3 lbs

**Shipping Dimensions** - 9" x 7" x 5"

**Standard Electrical** - 120/220 VAC

120 VAC plug provided

**Sizes Available** - 1/2, 3/4

**Connection** - FNPT

**Max Power** - 5W

**Working Current** - 500mA Max

**Rating** - IP67 (Valve), NEMA4X (Junction Box)

### Plumbing Installation

- Connections are FNPT
- Flow can pass through in either direction
- Up stream strainer is recommended if application has high particulate in medium
- Isolation and bypass valve are recommended for maintenance

## Electrical

- Unit is provided with standard 120 VAC plug
- Can be used with 120 VAC or 220 VAC
- When used with 120 VAC there may be a slight delay in operation as capacitors charge. This delay can occur on start-up or if valve is power off for an extended period.
- When voltage is applied valve will open. When voltage is removed valve will close.

## Manual Operations

The ball valves can be manually operated with power removed from valve.

### STEPS:

1. Unplug valve from power source.
2. Lift the hand wheel and start to turn. If there is a charge on the capacitor it will rotate valve until fully discharged.
3. With capacitor discharged, rotate to desired position.
4. Lower hand wheel.



**WARNING!**  
Manual operations with power still connected to actuator will cause damage.

