

### Digital Flow Controller

### WARNING MESSAGES



#### DEAD END

The message **DE** means **Dead End Detection** indicating the controller has automatically shot off after detecting that water flow has stopped

#### CAUSES

##### + ADJUST the CALIBRATION

Common values vary from **30 to 50**

Higher values can put excessive strain on the pump



##### + A VALVE on the HOSE REEL or POLE is closed

##### + AIR in the SYSTEM - Run PUMP to BLEED the SYSTEM

##### + Disconnected or TWISTED HOSE - Examine HOSE

##### + The WATER TANK is EMPTY - REFILL TANK

### Digital Flow Controller

### ERROR MESSAGES



#### BATTERY

The message **BA** indicates the **BATTERY VOLTAGE** is less than **11.5 Volts**

NOTE:

#### CAUSES

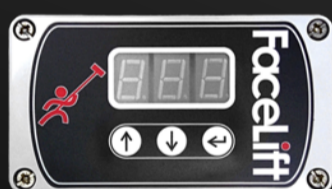
##### + The BATTERY requires CHARGING

##### + A BLOCKAGE in the FLOW of WATER - This may cause the PUMP to work harder drawing more current

##### + CORROSION or DAMAGE in the WIRING - Poor connections causes a voltage drop from the BATTERY

##### + INEFFICIENT or FAILED BATTERY - Replace

##### + Worn PUMP BRUSHES or MOTOR - Replace



#### PRESSURE

The message **PS** indicates excessive **PRESSURE** causing the **PUMP** to automatically **SHUT DOWN**

#### CAUSES

##### + RESTRICTED WATER FLOW - A blockage or frozen water in the system or hose

##### + BLOCKED FLOW JETS in the BRUSH HEADS

##### + Trapped GRIT or DIRT in the system

##### + Trapped AIR in the system

##### + WATER FLOW is ARRESTED for a PROLONGED period

##### + Excessive CURRENT due to DAMAGE or HIGH CALIBRATION setting