



## Specification for the Ultimate Air Operator

Easy Maintenance Air Powered Operators. These operators will open and close our Illuminator Polycarbonate doors in six to ten seconds pending the size of the doors. Common sized operators are 8', 10' and 12' Operators. Model ULT08, ULT10 and ULT12, respectively. Easy Maintenance Operators are constructed out of all aluminum and stainless components.

### **A. Cylinders**

Cylinders to be 2 ½" O.D. anodized inside and outside: Operator is permanently lubricated and requires no oil.

### **B. Drive Mechanism**

Exclusive custom made waterproof chain recommended for wet environment. Nickel plated #41 chains and steel reinforced belts are available as options.

### **C. Top Cap**

Anodized aluminum with HDPE Quick Release seal retainer

### **D. Bottom Cap**

Anodized aluminum w/ remote adjustable metering valve

### **E. Aluminum Clamps**

Anodized aluminum w/ Stainless Steel fasteners

### **F. Mounting Brackets**

Stainless Steel

### **G. Air Lines**

3/8" poly-flow air line from compressor to operator (**60-90 PSI**)

### **H. Drive mechanism**

#41 Waterproof and Nickel Chains. Optional steel reinforced operator belt available.

### **I. Air Filter Regulator**

### **J. Airline dryer**

**K. Air usage: Operator uses .4 cubic feet of air to open and close. Air Compressor supplied by others.**

### **Control Boxes for the Operator**

Control Box to be UL approved. Box will be pneumatic (DC6000L) that will allow The door to be opened and closed without electrical power (provided there is air in the compressor). The control box will also interface with car wash equipment.

Box requires 110V (plug in) 1 amp