

MOTOR OPERATOR—MODEL JO**

08330/ATL
Buyline 0371

SPECIFICATIONS

PART 1 GENERAL

1.01 Section Includes

A. Type: The motor operator will be Atlas Door™ Model JO as manufactured by Clopay Building Products Company, Inc.

B. Mounting: To be vertical front of hood.

1.02 Related Work

A. Electrical wires, wiring, disconnect switches, and conduit are in the scope of work of other sections or trades.

B. Submit manufacturer's product data and installation instructions for each type of coiling door. Include both published data and any specific data prepared for this project.

1.03 Single-Source Responsibility

A. Provide doors, guides, motors, and accessories from one manufacturer for each type of door. Provide secondary components from source acceptable to manufacturer of primary components.

PART 2 PRODUCT

2.01 Operator

A. Motor: Provide high torque, continuous duty motor of horsepower determined by size and weight of coiling product. Motor shall be separate from reduction mechanism for ease of maintenance. (Specify voltage & phase available.)

B. Reduction: To be V-belt drive from motor to full oil impregnated bushing power train with additional reduction by chain and sprockets. All power train shaft shall be minimum 3/4" (19.05 mm) diameter.

C. Drive: Product shaft to be driven by roller chain to provide travel of 6" (152.4 mm) to 12" (304.8 mm) per second.

D. Clutch: To be adjustable friction type.

E. Electrical Enclosure: All electrical components shall be in NEMA 1 enclosure and pre-wired to terminal block.

F. Reversing Contactor: Heavy-duty across the line reversing type with mechanical interlock. Size "00."

G. Limit Switches: To be positive chain drive screw type limit switch, enclosed in electrical control box, easily accessible for precision setting. Limit switches will remain in time when emergency chain hoist is used to operate manually.

H. Control Circuit: Shall be reduced to 24 volts for safety.

I. Overload Protection: To be thermal type with automatic reset.

J. Emergency Operation: To be by a floor operated disconnect which must be engaged for manual push up operation. An electrical interlock disconnects power to the motor operator when manual operation is engaged.

K. Control Station: To be one NEMA 1 three-button station with open, close and stop functions. Momentary contact to open and stop, constant pressure to close.

L. Assembly: To be C.S.A. and UL listed.

PART 3 EXECUTION

3.01 Examination

A. Verify that dimensions are correct and project conditions are suitable for installation. Do not proceed with installation until unsatisfactory conditions have been corrected.

3.02 Installation

A. Installation: To be by an authorized Atlas Door representative and in accordance with Atlas Door standards and instructions.

B. Submit manufacturer's product data and installation instructions for each type of coiling door. Include both published data and any specific data prepared for this project. See end of section for details.

Note To Specifiers... Please see end of this section for frequently specified Optional Features.

AMPERAGE & HORSEPOWER DATA

Max. Sq. Ft./Meter Area Motor Model	Shutters	Service Doors	Grilles	HP	Voltage	Phase	AMP
JO-30	All Sizes	20'	18'	1/2	115	1	7.0
		18.58 m ²	16.72 m ²		230	1	3.5
	N/A	33'	30'	1/2	208,230	3	1.5
					480	3	.75
					575	3	.55
JO-50	N/A	33'	30'	1/2	115	1	8.2
					230	1	4.1
					208,230	3	2.1
					480	3	1.05

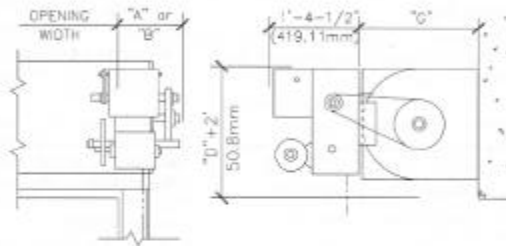
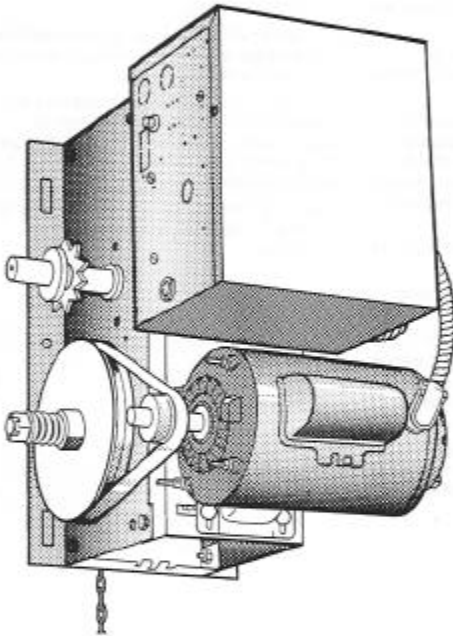
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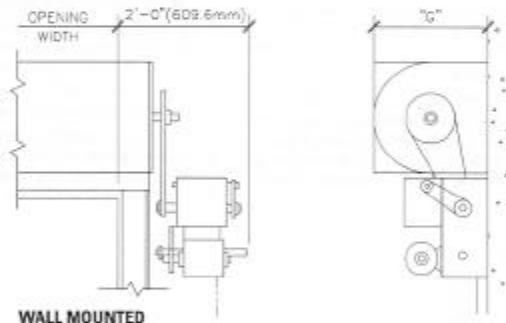
- 1/2 H.P. and 3/4 H.P.
- Floor Level Disconnect

Used on:
Service Doors - "S" Series
Coiling Grilles - "G" Series
Counter Shutters - "C" Series

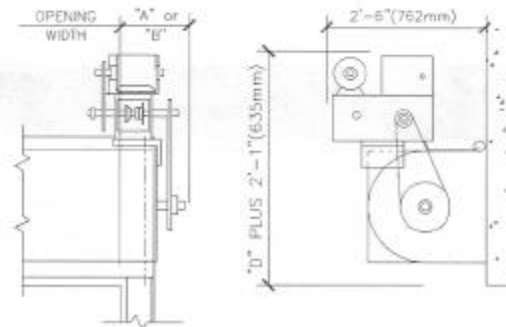
**Suffix indicates horsepower required - see chart on back



VERTICAL FRONT OF HOOD



WALL MOUNTED



HORIZONTAL TOP OF HOOD

atlas door