

## OPERATOR SPECIFICATIONS

### MOTOR

TYPE:..... Continuous duty

#### HORSEPOWER:

Model APT.....1/2 HP

Model GT.....1/2, 3/4, 1 and 1-1/2 HP

Model T.....1/3, 1/2, 3/4 and 1 HP

SPEED (At rated load):.....1725 RPM

#### VOLTAGE:

Model APT.....115V 1 Phase

Model GT and T.....115/230V 1 Phase,  
208/230/460/575V 3 Phase

#### CURRENT (Amperage):

Model T and GT

Voltage-Phase	1/3 HP	1/2 HP	3/4 HP	1 HP	1-1/2 HP
115-1Ø, 60Hz	8.5	11.2	13.6	16	20
230-1Ø, 60Hz	4.2	5.6	6.8	8	10
208/230-3Ø, 60Hz	3	3.1	4	6	7
460-3Ø, 60Hz	1.5	1.75	2	3	3.5
575-3Ø, 60Hz	1.3	1.4	1.6	1.8	2.75

Model APT

Voltage-Phase	1/2 HP
115-1Ø, 60Hz	11.2

### ELECTRICAL

TRANSFORMER:.....24Vac Secondary

CONTROL STATION:.....NEMA 3-Button Station  
Open/Close/Stop w/LED

WIRING TYPE:.....C2 (Standard)

Momentary contact to OPEN & STOP, constant pressure to CLOSE, plus wiring for sensing device to reverse and auxiliary devices to open and close with open override. See page 29 for optional wiring types and operating modes.

LIMIT ADJUST:.....Linear driven, fully adjustable screw type cams. Adjustable to 24 feet.

### SAFETY

DISCONNECT:.....Quick disconnect door arm for emergency manual door operation.

#### ENTRAPMENT PROTECTION:

##### LiftMaster Monitored Entrapment Protection (LMEP)

Photoelectric Sensors (CPS-U):.....Through beam used to provide non-contact safety protection.

Safety Edge (Optional):.....Electric or pneumatic sensing device attached to the bottom edge of door.

### MECHANICAL

#### DRIVE REDUCTION:

Model APT and T..... Primary: Heavy duty (5L) V-Belt  
Secondary: #41 chain/sprocket;  
Output: #48 chain (1/3 and 1/2 HP Model T and APT)  
or #41 chain (3/4 and 1 HP Model T ONLY)

Model GT.....Primary: 20:1 Heavy duty  
worm gear-in-oil-bath speed reducer  
Output: #41 chain

#### OUTPUT SHAFT SPEED:

Model APT.....96 RPM

Model GT.....113.5 RPM

Model T.....140 RPM

#### DOOR SPEED (not adjustable):

Model APT.....6-7" per second

Model GT.....11-12" per second

Model T.....11-12" per second

**BRAKE:** Solenoid actuated disc brake on 3/4 and 1 HP, standard on Model GT (Available as an option for 1/3 and 1/2 HP)

**BEARINGS:**.....Output Shaft: Shielded ball bearing  
Model APT and T...Clutch Shaft: IronCopper sintered and oil impregnated