



COMMERCIAL DOOR AND GATE OPERATORS SINCE 1969

MANUFACTURED BY V.E. POWER DOOR CO, INC.

2017-2018

CATALOG



631.231.4500

WWW.VEPOWER.NET

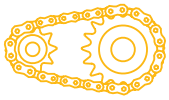
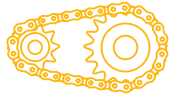


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KNOW YOUR WARRANTY

MECHANICAL PARTS:

PowerMaster warrants all DOOR OPERATORS (MG, H, J, T categories) to be free of defects in materials and workmanship for a period of two (2) years from date of manufacture.

PowerMaster warrants all GATE OPERATORS (Swing, Slide, Barrier categories) to be free of defects in materials and workmanship for a period of five (5) years from date of manufacture.

ELECTRICAL PARTS (including boards, switches, relays, etc): two (2) year warranty if product is registered.

If any part is found to be defective during this period, new parts will be furnished free of charge. Failure of this product due to misuse, improper installation, alterations, vandalism, acts of God, or lack of maintenance is **not** covered under this warranty, and voids any other implied warranties herein.

PowerMaster is **not responsible** for any labor charges incurred in connection with the installation of warranted parts.

IMPORTANT!!

In order to activate this warranty, the registration form found with your operator **MUST BE COMPLETED AND RETURNED WITHIN THIRTY CALENDAR DAYS FROM DATE OF PURCHASE**. Visit our website at www.VEpower.net and click on the **Register your Product** link.

You can also register via email to PMtech@optonline.net.

If registration is not activated, a **ONE YEAR** warranty from date of manufacture will apply for all claims.



AC MOTOR AMPERAGE RATING CHART

SINGLE PHASE	HORSEPOWER	115 VOLTS	220 VOLTS
	1/2 HP	10 AMP	5 AMP
	3/4 HP	12 AMP	8 AMP
	1 HP	15 AMP	10 AMP
	1-1/2 HP	20 AMP	12 AMP

THREE PHASE	HORSEPOWER	230 VOLTS	460 VOLTS
	1/2 HP	2.4 AMP	1.2 AMP
	3/4 HP	3.4 AMP	1.7 AMP
	1 HP	3.8 AMP	1.9 AMP
	1-1/2 HP	4.6 AMP	2.3 AMP
	2 HP	6.8 AMP	3.4 AMP
	3 HP	8.4 AMP	4.2 AMP



HORSEPOWER SELECTION GUIDE

FOR SECTIONAL DOORS

		MAXIMUM SQUARE FOOTAGE				
MODEL	HP	FIBERGLASS	24GA STEEL, 22GA STEEL, ALUMINUM	20GA STEEL WOOD, 24GA STEEL INSULATED	16GA STEEL, 20GA STEEL INSULATED	16GA STEEL INSULATED
T,J,H	1/2	360	325	260	230	180
	3/4	480	450	400	310	230
T, H	1	585	540	490	390	280
GT	1/2	400	350	320	250	200
	3/4	560	500	450	325	250
	1	625	575	325	400	300

NOTES:

- ▶ Use 24 gauge limits for aluminum service door.
- ▶ Always choose H or MG units for doors that are too large for manual operation
- ▶ Doors and balance springs MUST be in good operating condition, and must be adjusted to manufacturer's specifications.
- ▶ Do not attempt to compensate for a door with improper installation and/or balance springs.
- ▶ This chart is based upon door travel of approximately 8 inches per second. Doors traveling in excess of 8 inches per second require increased HP rating, or decreased maximum square footage rating.
- ▶ High cycle and other special modifications have different needs.

THIS CHART IS INTENDED AS A GUIDELINE ONLY. PLEASE CONSULT FACTORY FOR PROPER APPLICATION, OR FOR SIZES NOT LISTED ON THIS CHART.

HORSEPOWER SELECTION GUIDE

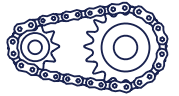
FOR ROLLING DOORS & GRILLES

powermaster		MAXIMUM SQUARE FOOTAGE								
MODEL	HP	24GA	22GA	20GA	18GA	INSULATED	STEEL GRILLE	ALUM GRILLE	STEEL COUNTER SHUTTER	ALUM COUNTER SHUTTER
MGJ	1/2						120	140	100	135
GJ	1/2	135	125	120			135	160	125	140
H&J	1/2	275	250	225	170	130	260	350	250	
	3/4	340	310	290	215	165	340	450		
D-MG	1/2	290	260	240	190	150	280	400		
	3/4	370	320	300	240	180	375	550		
MG	1/2	290	260	240	190	150	280	400		
	3/4	370	320	300	240	180	375	550		
	1	440	360	340	270	200	480	640		
	1 1/2		460	430	360	260	620			
	2			560	480	350				
	3			840	700	520				
	5			1200	920	780				
	7 1/2			1500	1100	950				

NOTES:

- ▶ Use 24 gauge limits for aluminum service door.
- ▶ Always choose H or MG units for doors that are too large for manual operation
- ▶ Doors and balance springs MUST be in good operating condition, and must be adjusted to manufacturer's specifications.
- ▶ Do not attempt to compensate for a door with improper installation and/or balance springs.
- ▶ This chart is based upon door travel of approx 8 inches per second. Doors traveling in excess of 8 inches per second require increased HP rating, or decreased maximum sq footage rating.
- ▶ High cycle and other special modifications have different needs.

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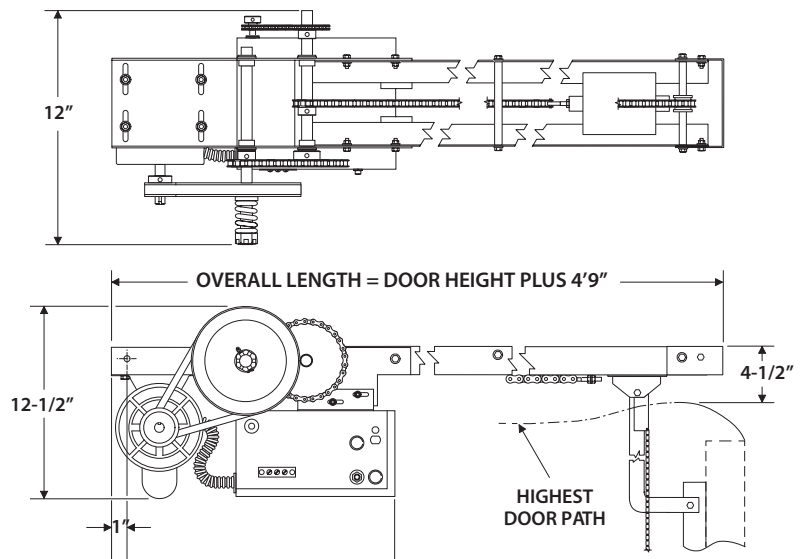


PowerMaster Door & Grille operators feature solid state circuitry with feedback LEDs, onboard Open/Close/Stop buttons for service and adjustments, and auto-detect monitored photo beam for simplified installation.

T



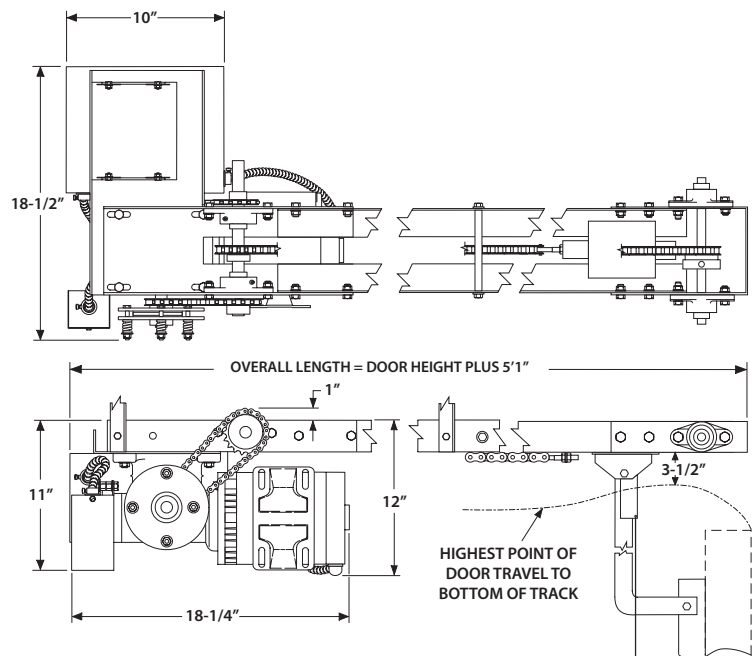
PowerMaster Model T is designed for use on standard lift sectional doors. Heavy duty V-belt and chain reduction. Torque-limiting clutch. Continuous duty motor with overload protection. Includes drawbar disconnect for manual operation. Available in 1/2HP to 1HP, with voltage of 115/230V 1Ø; or 208/230/460V 3Ø. Three button control station included. Shipping weight is approximately 80 lbs (does not include track).



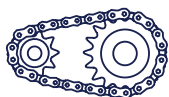
GT



PowerMaster Model GT is designed for use on standard lift sectional doors. Heavy duty worm gear reduction and solenoid brake. Torque-limiting clutch. Continuous duty motor with overload protection. Includes drawbar disconnect for manual operation. Available in 1/2HP to 1HP, with voltage of 115/230V 1Ø; or 208/230/460V 3Ø. Three button control station included. Shipping weight is approximately 118 lbs (does not include track).



***VARIABLE SPEED
MODIFICATION AVAILABLE**

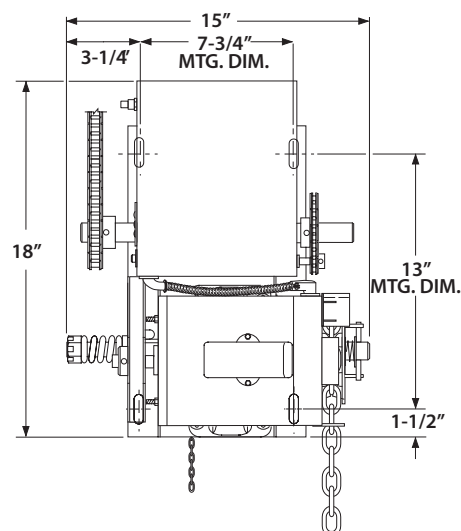
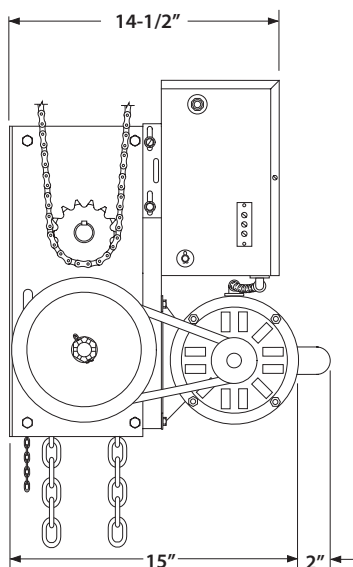


Door & Grille Applications

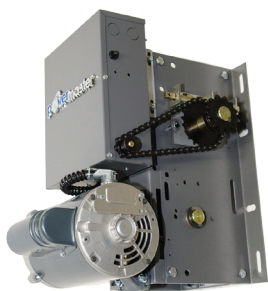
H



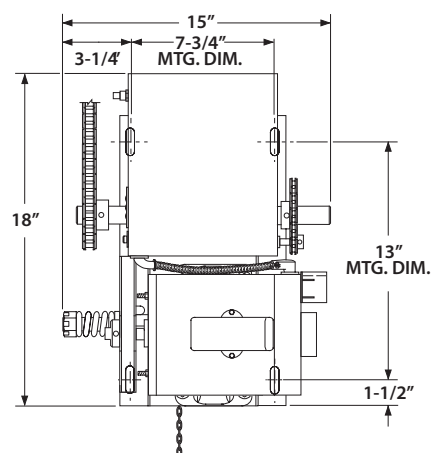
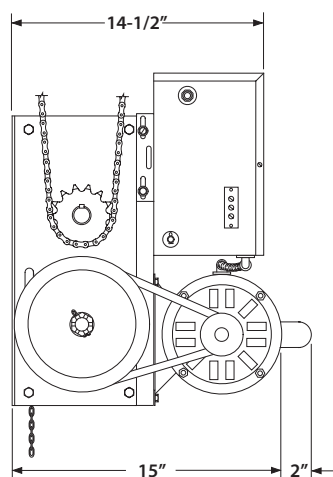
PowerMaster Model H is designed for use on standard lift sectional doors, and rolling service doors and grilles. High-starting torque motor with full overload protection. Torque-limiting clutch. Heavy-duty V-belt and chain reduction, mechanically self-locking. Floor level disconnect with chain hoist assembly and electrical interlock for manual operation. Available in 1/2HP to 1HP, with voltage from 115/230V 1Ø; or 208/230/460V 3Ø. Three button control station included. Shipping weight is approximately 95 lbs.

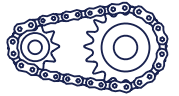


J



PowerMaster Model J is designed for use on standard lift sectional doors, and rolling service doors and grilles. High-starting torque motor with full overload protection. Torque-limiting clutch. Heavy-duty V-belt and chain reduction, mechanically self-locking. Floor level disconnect for manual operation. Available in 1/2HP to 1HP, with voltage from 115/230V 1Ø; or 208/230/460V 3Ø. Three button control station included. Shipping weight is approximately 78 lbs.



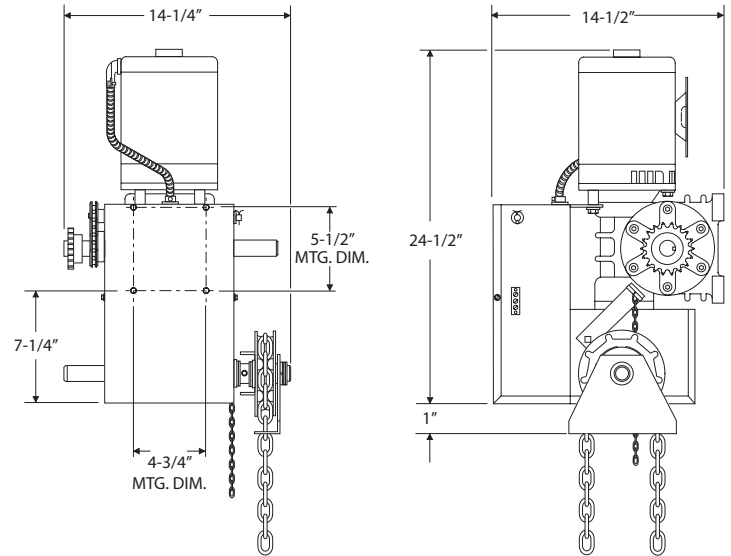


MG



PowerMaster Model MG is designed for use on sectional doors with high lift or vertical lift, and rolling service doors or grilles. High-starting torque motor with full overload protection. Mechanically self locking gear reducer in oil bath. Torque-limiting clutch. Floor level disconnect with chain hoist assembly and electrical interlock for manual operation. Available in 1/2HP to 7HP, voltage from 115/230V 1Ø; or 208/230/460V 3Ø. Three button control station included. Shipping weight is approximately 100 lbs.*

*Weight varies by horse power of unit.

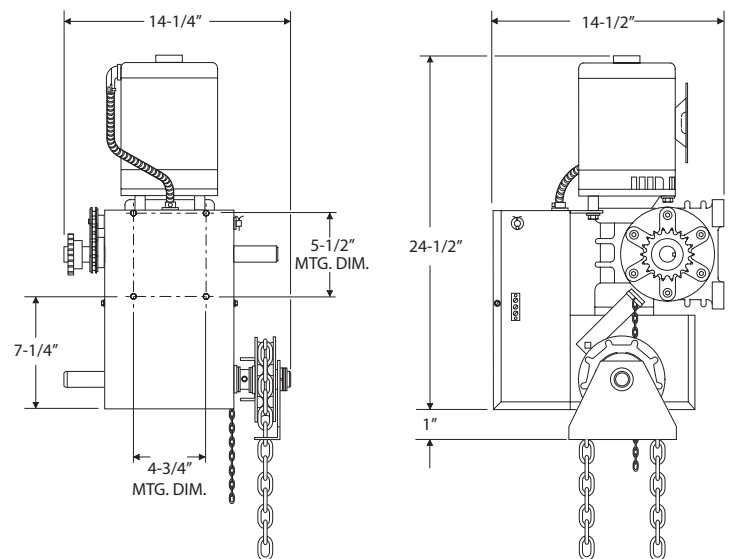


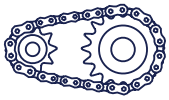
***VARIABLE SPEED
MODIFICATION AVAILABLE**

D-MG



PowerMaster Model D-MG is designed for use on sectional doors with high lift or vertical lift, and rolling service doors and grilles. Features DC motor and battery backup control box. Available in 588 watts (1/2HP equivalent), 115VAC. Mechanically self locking gear reducer in oil bath. Floor level disconnect with chain hoist assembly and electrical interlock for manual operation. Three button control station included. Shipping weight is approximately 132 lbs.



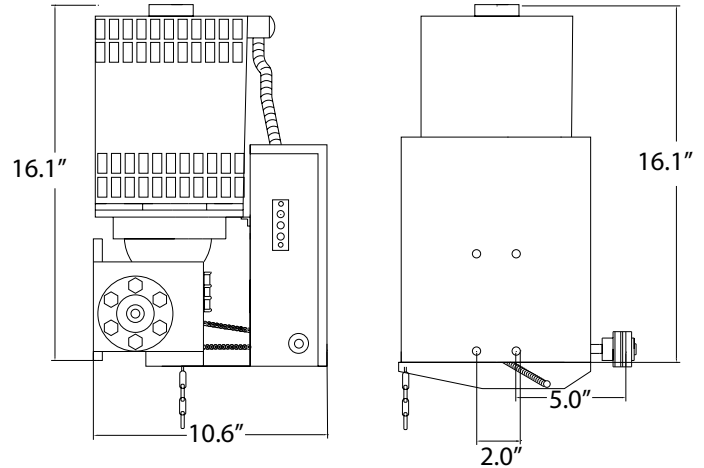


Door & Grille Applications

GJ



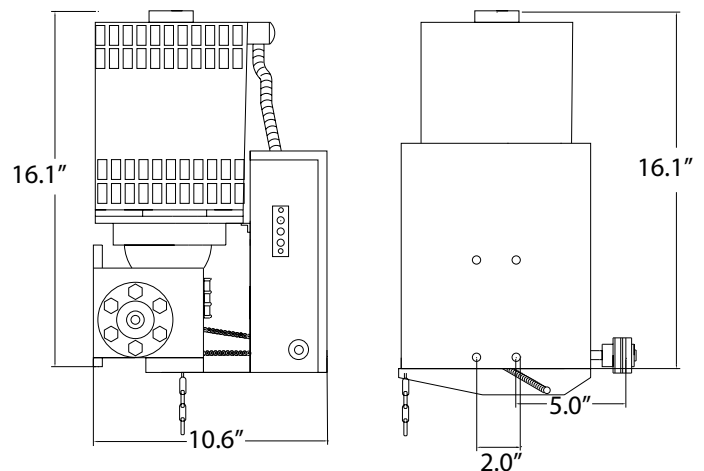
PowerMaster Model GJ is designed for use on rolling service doors, rolling grilles, and counter shutters. High-starting torque motor with full overload protection. Torque-limiting clutch. Heavy-duty V-belt and chain reduction, mechanically self-locking. Floor level disconnect with chain hoist assembly and electrical interlock for manual operation. Available in 1/2HP to 1HP, with voltage from 115/230V 1Ø; or 208/230/460V 3Ø. Three button control station included. Shipping weight is approximately 65 lbs.

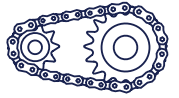


D-GJ

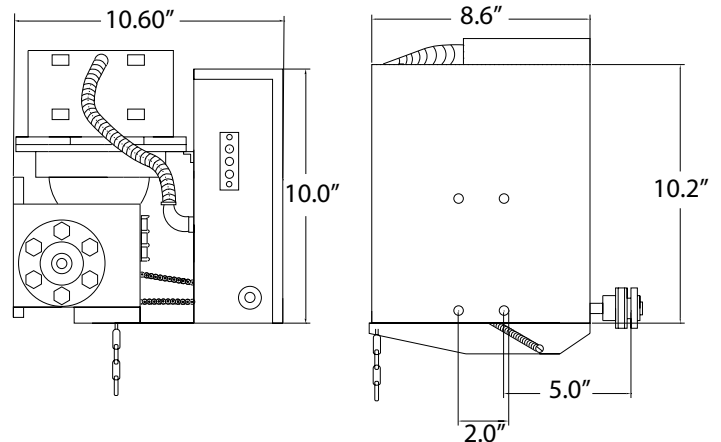


PowerMaster Model D-GJ features a 1/2HP-equivalent DC motor designed for use on rolling service doors, rolling grilles, and counter shutters. Continuous duty unit. Adjustable torque-limiting clutch. Heavy-duty worm gear reduction, chain and sprocket. Positive chain driven rotary limit switches. Three button control station included. Shipping weight is approximately 90 lbs.





MGJ



PowerMaster Model MGJ is a medium duty, gear reduced jackshaft operator designed for use on rolling service doors, rolling grilles, and counter shutters up to 10 cycles per hour. PSC motor with full overload protection. Worm gear reducer. Heavy-duty #41 roller chain and driven sprocket for final drive. Floor level disconnect. Available in 1/2HP, 115/230V 1Ø. Three button control station included. Shipping weight is approximately 45 lbs.

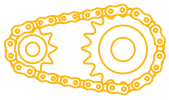
WE SELL CONTROL STATIONS, TOO!



Let PowerMaster be your one source for operators and accessory controls. From standard control stations to fully customized control panels, our production team is ready to service your needs. Our facility is located in Brentwood, New York, and can offer a quick turnaround time for most of your requirements!

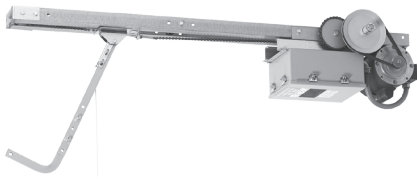
ASK US TODAY!

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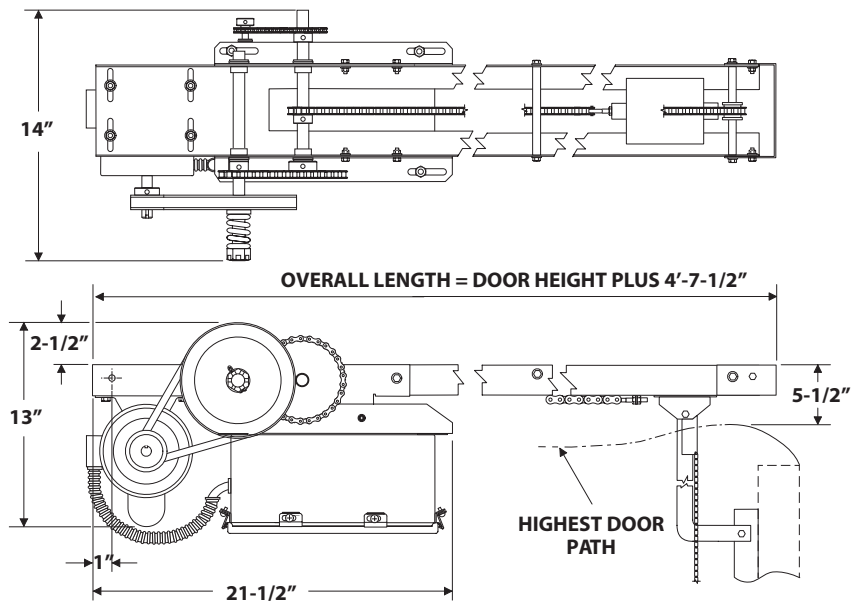


NEMA 4 and NEMA 7 & 9 Applications

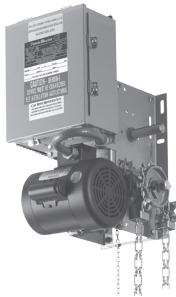
CT



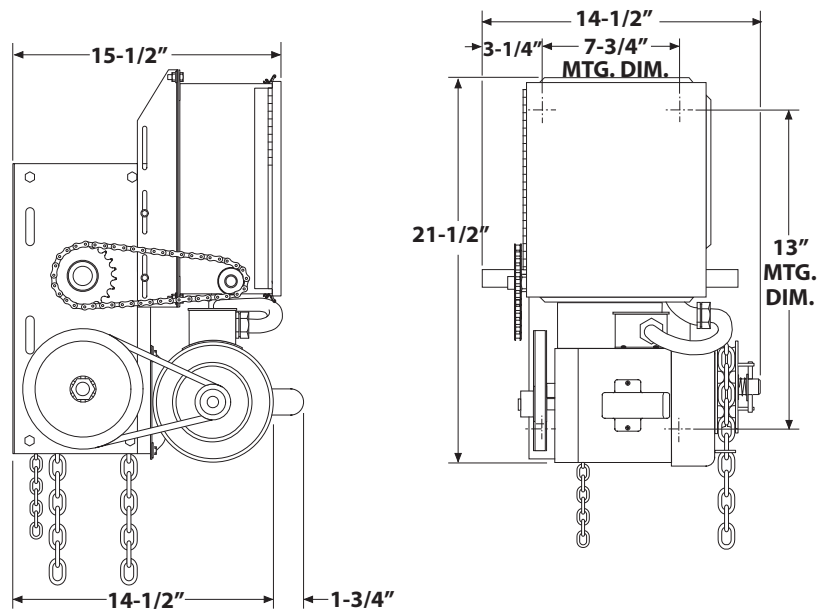
PowerMaster Model CT is designed for CARWASH applications for use on standard lift sectional doors, and rolling service doors and grilles. High-starting torque TEFC motor with full overload protection, removable without affecting limit switch setting. Heavy duty V-belt and chain reduction, mechanically self-locking. Adjustable torque limiting clutch. Disconnect arm for manual operation. Available in 1/2HP to 1HP, with voltage from 115/230V 1Ø; or 208/230/460V 3Ø. Three button control station included. Shipping weight is approximately 100 lbs (does not include track).

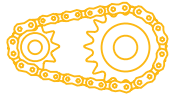


CH



PowerMaster Model CH is designed for CARWASH applications for use on standard lift sectional doors, and rolling service doors and grilles. High-starting torque TEFC motor with full overload protection, removable without affecting limit switch setting. Heavy duty V-belt and chain reduction, mechanically self-locking. Adjustable torque-limiting clutch. Floor level disconnect with chain hoist assembly and electrical interlock for manual operation. Available in 1/2HP to 1HP, with voltage from 115/230V 1Ø; or 208/230/460V 3Ø. Three button control station included. Shipping weight is approximately 111 lbs.

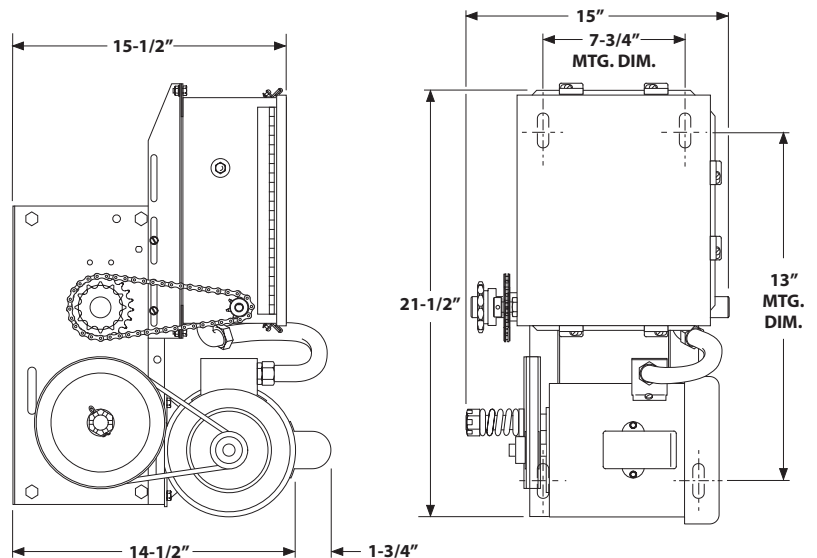




CJ



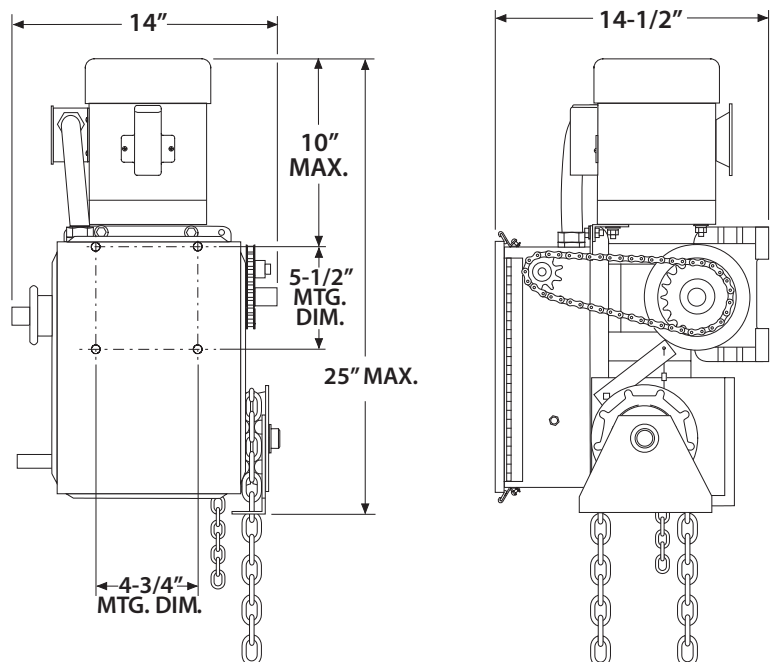
PowerMaster Model CJ is designed for CARWASH applications, on standard lift sectional doors, rolling service doors and grilles. High-starting torque TEFC motor with full overload protection, removable without affecting limit switch setting. Heavy duty V-belt and chain reduction, mechanically self locking. Adjustable torque limiting clutch. Floor level disconnect and electrical interlock for manual operation. Available in 1/2HP to 1HP, with voltage from 115/230V 1Ø; or 208/230/460V 3Ø. Three button control station included. Shipping weight is approximately 93 lbs.

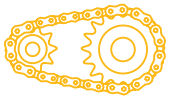


WMG



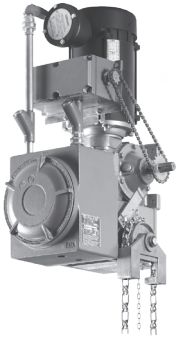
PowerMaster Model WMG is designed for CARWASH applications, for use on sectional doors with high lift or vertical lift, and rolling service doors and grilles in damp or wet applications. High-starting torque TEFC motor with full overload protection. Mechanically self locking gear reducer in oil bath. Heavy duty corrosion resistant roller chain and drive sprocket included. Adjustable torque limiting clutch. Floor level disconnect with chain hoist assembly and electrical interlock for manual operation. Available in 1/2HP to 5HP, with voltage from 115/230V 1Ø; or 208/230/460V 3Ø. Three button control station included. Shipping weight is approximately 125 lbs.



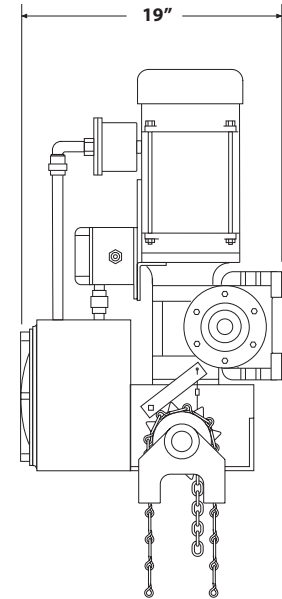
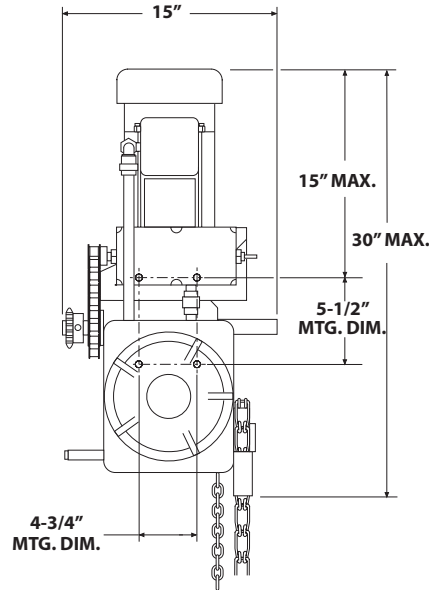


NEMA 4 and NEMA 7 & 9 Applications

EMG

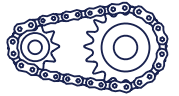


PowerMaster Model EMG is designed for use on sectional doors with high lift or vertical lift, and rolling service doors and grilles in NEMA 7&9 hazardous locations. High-starting torque explosion proof motor with full overload protection. Mechanically self locking gear reducer in oil bath. Dynamic brake. Floor level disconnect with chain hoist assembly and electrical interlock for manual operation. Available in 1/2HP to 2HP, with voltage from 115/230V 1Ø; or 208/230/460V 3Ø. Three button NEMA 7&9 control station included. Shipping weight is approximately 170 lbs.



SPECIALS AREN'T SPECIAL IF YOU BUILD THEM ALL THE TIME...

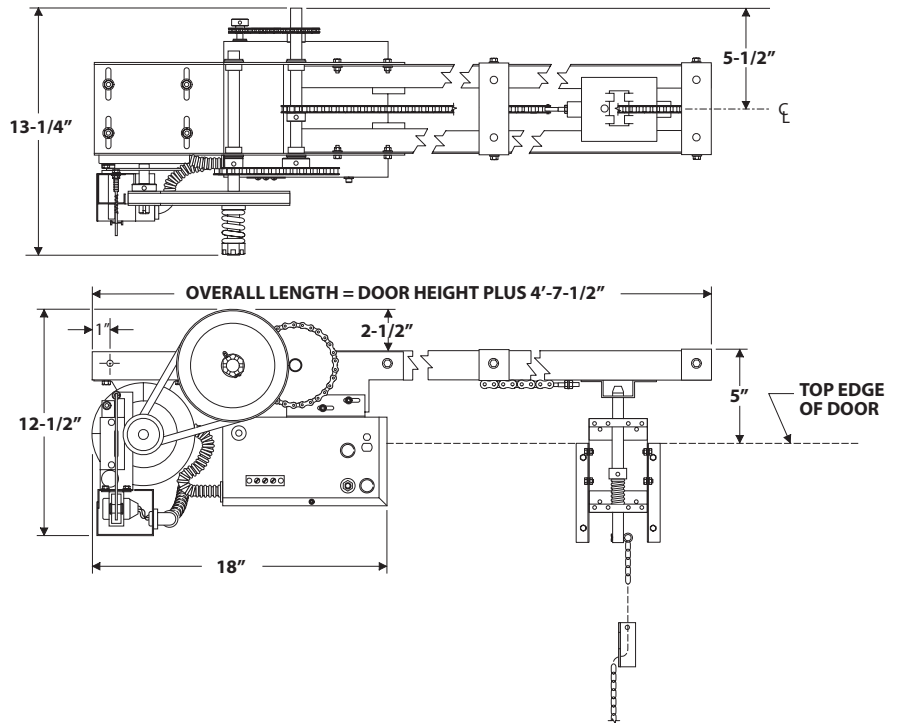
Ask us about custom applications such as NEMA 4X, NEMA 12/13, 50Hz, Stainless Steel, and MORE! Custom control panels, additional operational devices, and obstruction sensing equipment are all available. We are your one-stop shop for ALL your traffic and security needs.



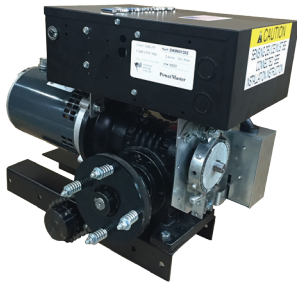
SL



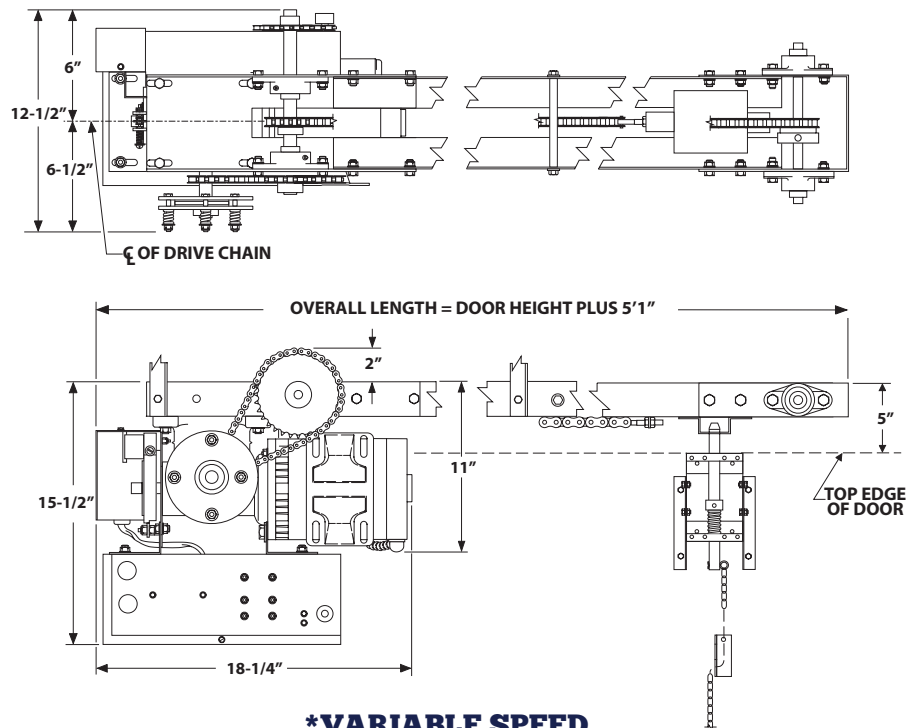
PowerMaster Model SL is designed for use on Sliding Doors. High-starting torque motor with full overload protection. Heavy duty V-belt and chain reduction, mechanically self-locking. Adjustable torque limiting clutch. Disconnect arm for manual operation. Available in 1/2HP to 1HP. Voltage from 115/230 1Ø or 208/230/460 3Ø. Three button control station included. Shipping weight is approximately 120 lbs without track.



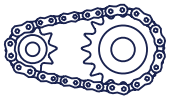
GSL



PowerMaster Model GSL is designed for use on sliding doors and refrigerator doors. High-starting torque motor with full overload protection. Heavy duty worm gear reduction and solenoid brake. Adjustable torque limiting clutch. Disconnect arm for manual operation. Available in 1/2HP to 1HP, voltage from 115/230V 1Ø or 208/230/460V 3Ø. Three button control station included. Shipping weight is approximately 225 lbs (without track).



***VARIABLE SPEED
MODIFICATION AVAILABLE**

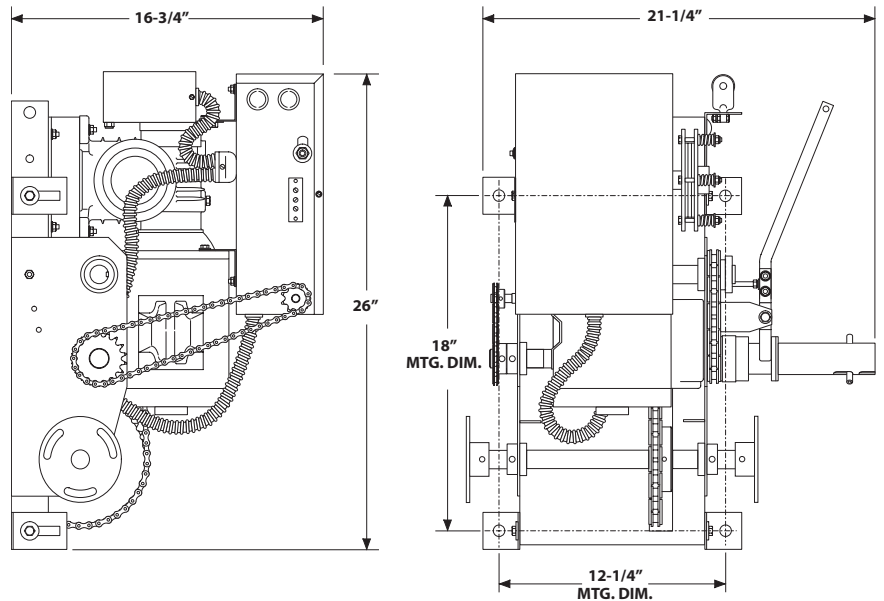


Specialty Applications

CGH



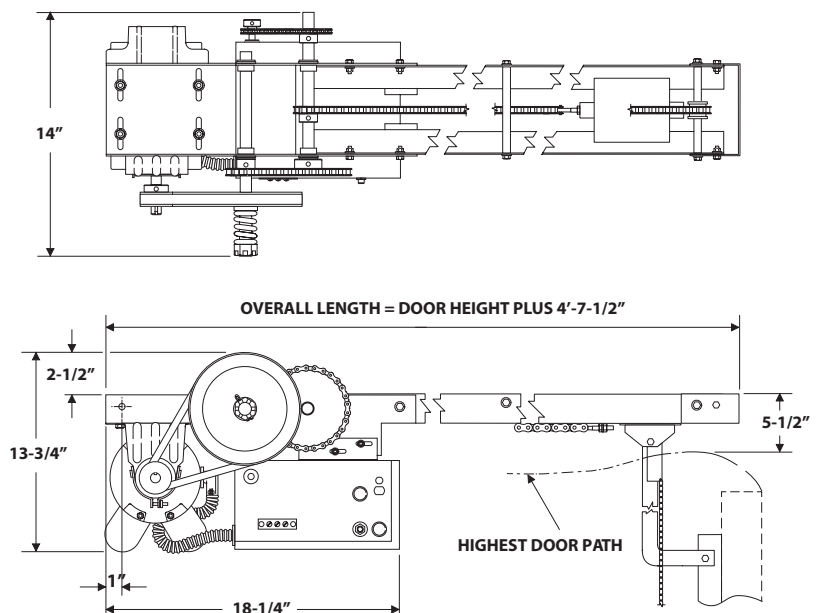
PowerMaster Model CGH is designed for use on sectional doors requiring high-speed manual operation in the event of power failure. High-starting torque motor with full overload protection. Heavy duty worm gear reduction and solenoid brake. Adjustable torque-limiting clutch. High speed disconnect for manual operation. Available in 1/2HP to 1HP, with voltage from 115/230 1Ø; or 208/230/460V 3Ø. Three button control station included. Shipping weight is approximately 185 lbs.

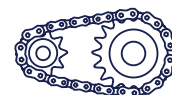


APT



PowerMaster Model APT is designed for use on sectional doors requiring high cycle and quiet operation. Suitable for apartment house applications. Available in 1/2HP. 115VAC resilient mount PSC motor with full overload protection. Heavy duty V-belt and chain reduction. Mechanically self locking. Adjustable torque limiting clutch. Drawbar disconnect for manual operation. Three button station included. Shipping weight is approximately 83 lbs (does not include track).

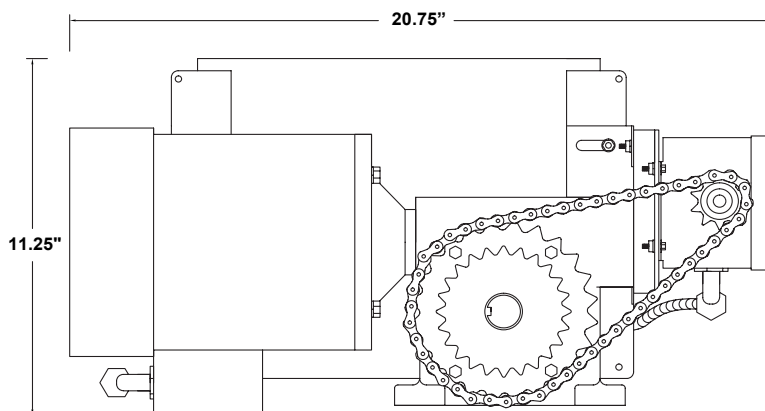




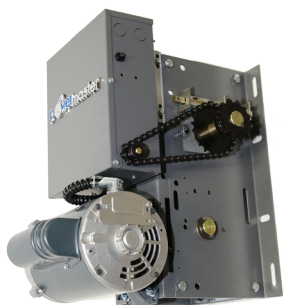
KLT



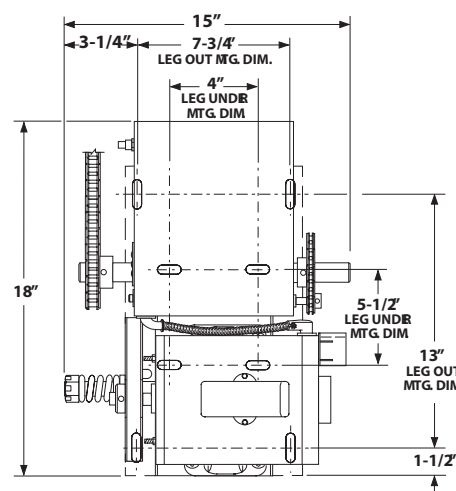
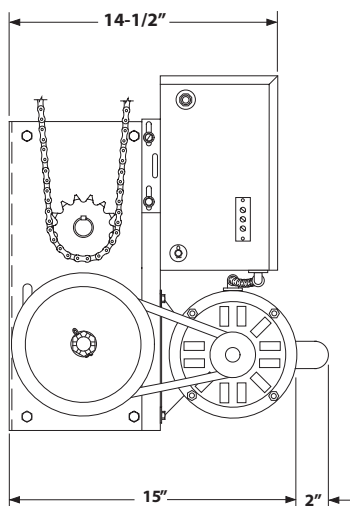
PowerMaster Model KLT is a slide door operator designed for use on refrigerator or freezer door applications. High-starting torque motor with full overload protection. Solid state circuitry with feedback LEDs. Onboard open/close/stop buttons for service adjustments. Field adjustable built-in functions. Auto-detect monitored photo beam for simplified installation. Available in 1/2HP to 1HP in 1Ø or 3Ø configurations. Shipping weight is approximately 95 lbs.



RJ



PowerMaster Model RJ is designed to allow emergency egress capability and lock bar sensing on rolling service doors and grilles. High-starting torque motor with full overload protection. Torque-limiting clutch. Heavy-duty V-belt and chain reduction. Mechanically self-locking. Floor level disconnect and electrical interlock for manual operation. Available in 1/2HP to 1HP, with voltage from 115/230 1Ø; or 208/230/460V 3Ø. Features solid state circuitry with feedback LEDs, onboard Open/Close/Stop buttons for service and adjustments, auto-detect monitored photo beam for simplified installation. Shipping weight is approximately 85 lbs.





GATE SIZE AND WEIGHT TABLE

SLIDE GATE OPERATORS

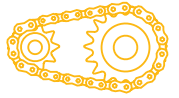
MODEL#	ITEM#	CYCLES PER HR	VOLTAGE & PHASE	MAX GATE WEIGHT	MAX LEAF WIDTH
RSG	11-71004	10	115V, 1 PH	350#	14'
D-CSG	15-12004	25		1200#	30'
SG	15-71004	30	115V, 1 PH	1500#	50'
D-SG	15-72004	60		2000#	50'
SGI	19-71004	45	115V, 1 PH	2000#	80'

SWING GATE OPERATORS

MODEL#	ITEM#	CYCLES PER HR	VOLTAGE & PHASE	MAX GATE WEIGHT	MAX LEAF WIDTH
ASW	12-71001	50		800#	15'
RSW	11-71000	12	115V, 1 PH	350#	12'
MSW	12-71000	24	115V, 1 PH	800#	16'
DSW	13-12000	60		2000#	18'
CSWI	20-71000	45	115V, 1 PH	1800#	30'
DSWI	20-21001	60		1800#	30'

BARRIER GATE OPERATORS

MODEL#	ITEM#	CYCLES PER HR	MAX ARM LENGTH
D-SBG	17-12000	Continuous	16'
D-WBG	18-12051	Continuous	24'

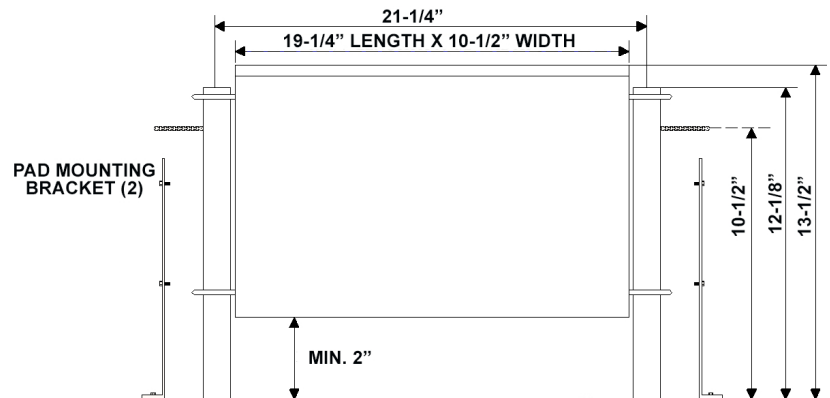


The PowerMaster Commercial Gate Operator line includes solutions for swing, slide, and traffic barrier applications. These operators are all UL 325 listed for use in Class I through Class IV applications. In addition, many of these units can be equipped with an optional Standby Power Supply to allow operation in the event of a power failure.

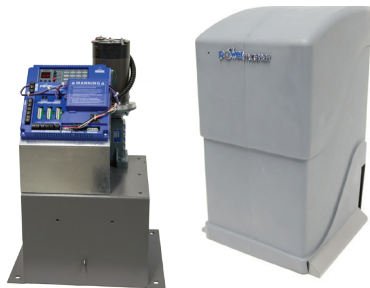
RSG



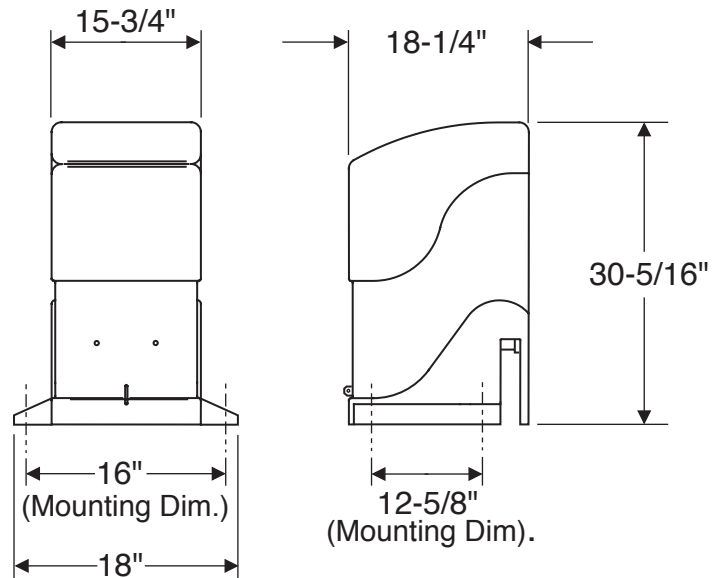
PowerMaster Model RSG features a 1/2HP 115V PSC motor designed for use on gates with a maximum weight of 350 lbs, and a maximum width of 14 feet. This unit is rated at 10 cycles per hour, and the gate travel is approximately 12 inches per second. The drive mechanism is easily disconnected for manual operation. Shipping weight is approximately 90 lbs.

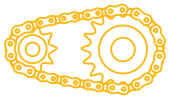


D-CSG



PowerMaster Model D-CSG features a 1/2HP PSC motor designed for use on gates with a maximum weight of 1500 lbs and a maximum width of 40 feet. This unit is supplied with an oil bath type gear reducer filled with Mobil 1 gear oil and is rated at 60 cycles per hour. The gate travel is approximately 11 inches per second. An electrically interlocked hand crank is supplied for manual operation, and the D-CSG includes a battery back-up. Shipping weight is approximately 150 lbs.



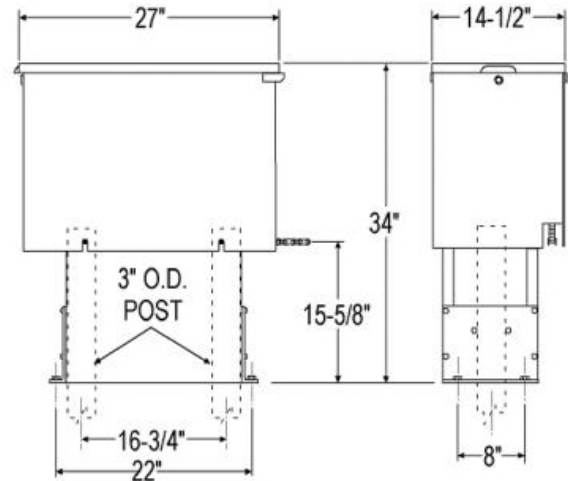


Slide Gate Operators

SG



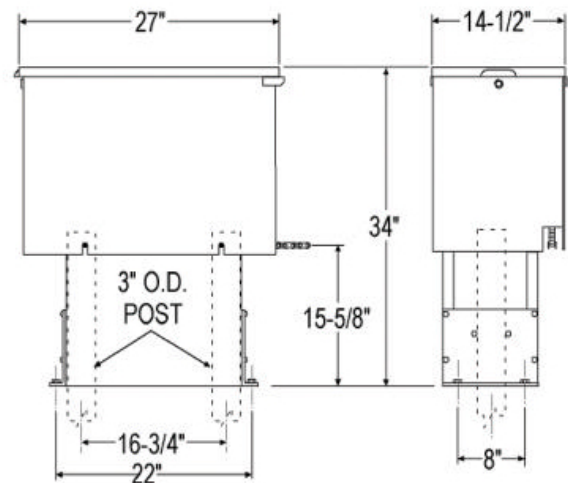
PowerMaster Model SG is available with 1/2HP to 1-1/2HP, in 1Ø or 3Ø configuration. This unit is designed for use on gates with a maximum weight of 1500 lbs and a maximum width of 50 feet. It is rated at 30 cycles per hour, and travel is approximately 11 inches per second. The drive mechanism is easily disconnected for manual operation. Shipping weight is approximately 235 lbs (with platform).

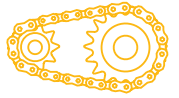


D-SG



PowerMaster Model D-SG is available in 1/2HP, in 1Ø configuration. This unit is designed for use on gates with a maximum weight of 2000 lbs and a maximum width of 50 feet. It is rated at 60 cycles per hour, and travel is approximately 11 inches per second. Features a battery backup, soft start/soft stop, easy set limits and an AC power outlet. Padlockable drive disconnect with brass slide for manual operation in case of power failure. Shipping weight is approximately 245 lbs (with platform).

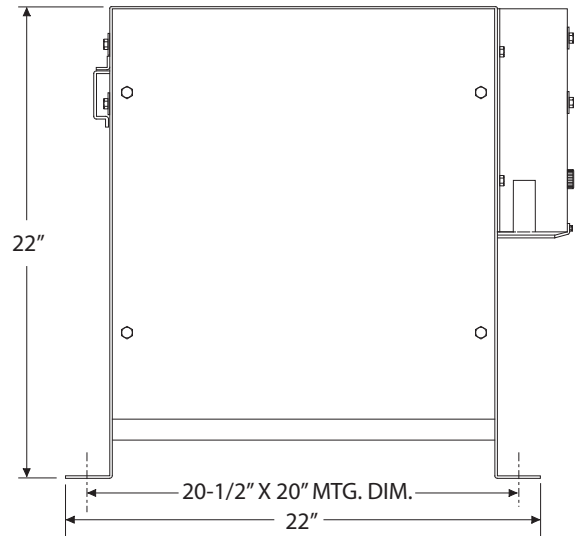




SGI



PowerMaster Model SGI is available in 1/2HP to 2HP, in 1Ø or 3Ø configuration. This unit is designed for use on gates with a maximum weight of 2000 lbs and a maximum width of 80 feet. It is rated at 45 cycles per hour, and travel is approximately 11 inches per second. The drive mechanism is easily disconnected for manual operation. Shipping weight is approximately 360 lbs (includes pallet).



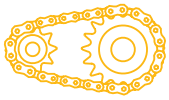
SAFETY FIRST!



PowerMaster carries a full line of safety and convenience products for your application. Along with required photo eyes and beams, we can supply any of the following from our stock:

- WARNING LIGHTS
- WARNING HORNS
- ROTATING BEACONS
- CAR SENSING PROBES
- LOOP DETECTORS
- KEYPADS
- PROXIMITY READERS
- ADA-COMPLIANT BUZZERS AND STROBES

Have a special need? Please ask us!

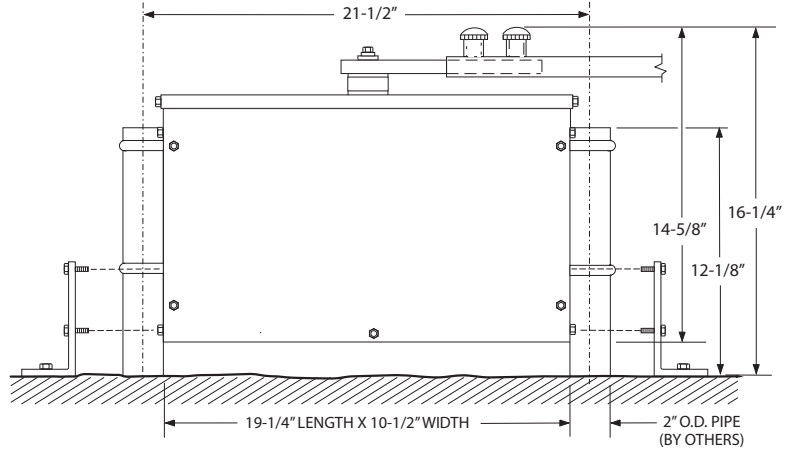


Swing Gate Operators

RSW



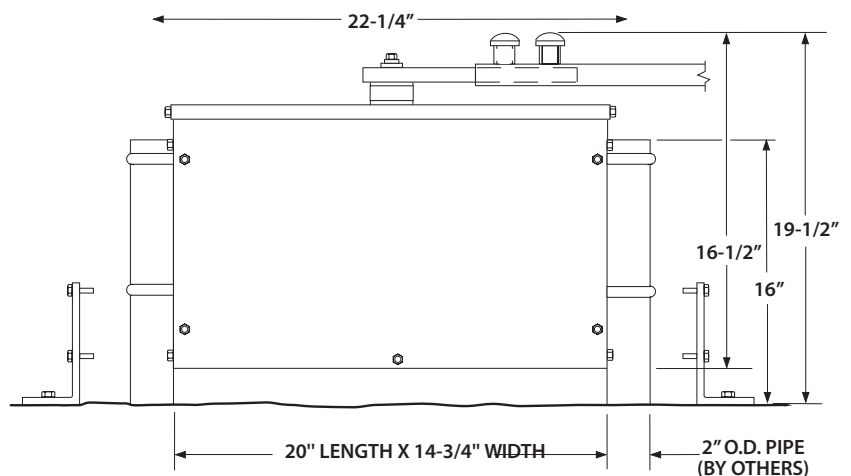
PowerMaster Model RSW features a 1/2HP 115V PSC motor designed for use on gates with a maximum weight of 350 lbs and a maximum width of 12 feet. The gate will travel from open to close in approximately 10 seconds, and it is rated for a maximum of 12 cycles per hour. The drive arm is easily disconnected for manual operation. Shipping weight is approximately 83 lbs.

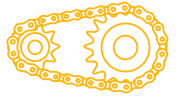


MSW



PowerMaster Model MSW features a 1/2HP 115V PSC motor designed for use on gates with a maximum weight of 800 lbs and a maximum width of 16 feet. The gate will travel from open to close in approximately 12 seconds, and it is rated for a maximum of 24 cycles per hour. The drive arm is easily disconnected for manual operation. Shipping weight is approximately 103 lbs.

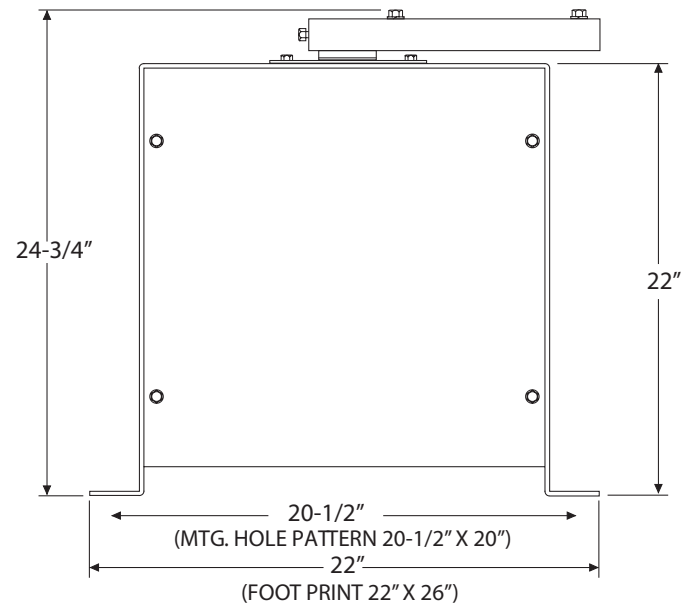




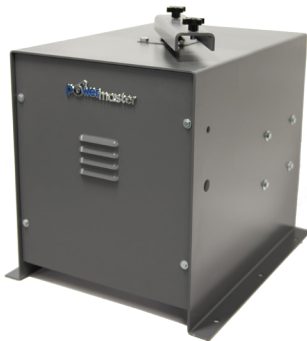
CSWI



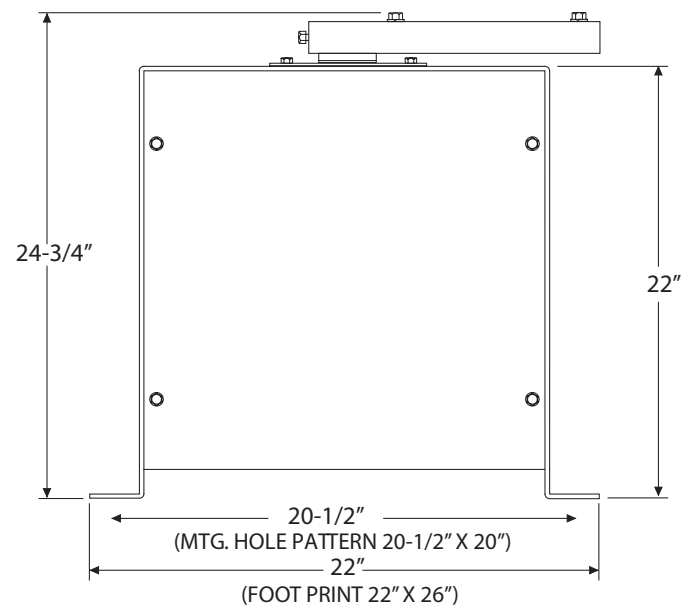
PowerMaster Model CSWI is designed for use on gates with a maximum weight of 1800 lbs and a maximum width of 30 feet. The gate will travel from open to close in approximately 13 seconds, and it is rated for a maximum of 45 cycles per hour. Available in 1/2HP to 1-1/2HP in 1Ø or 3Ø configuration. The drive arm is easily disconnected for manual operation. Shipping weight is approximately 350 lbs (includes pallet).

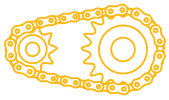


DSWI



PowerMaster Model DSWI with DC motor is designed for high traffic applications and is ideal for commercial properties. For use on gates with a maximum weight of 2000 lbs and a maximum width of 30 feet. The gate will travel from open to close in approximately 18 seconds, and it is rated for a maximum of 45 cycles per hour. Available in 1/2HP to 1-1/2HP, in 1Ø or 3Ø configuration. The drive arm is easily disconnected for manual operation. Shipping weight is approximately 350 lbs (includes pallet).



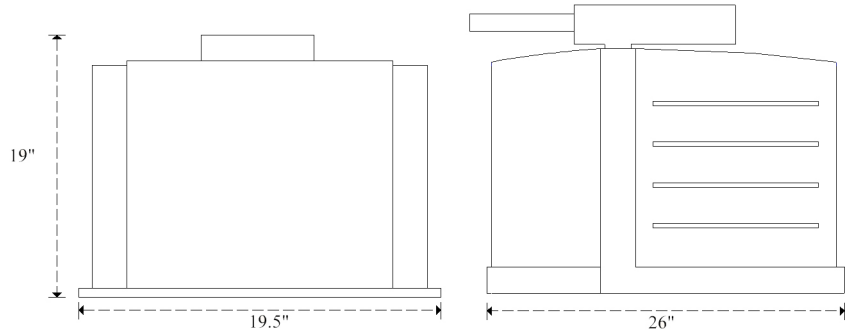


Swing Gate Operators

DSW



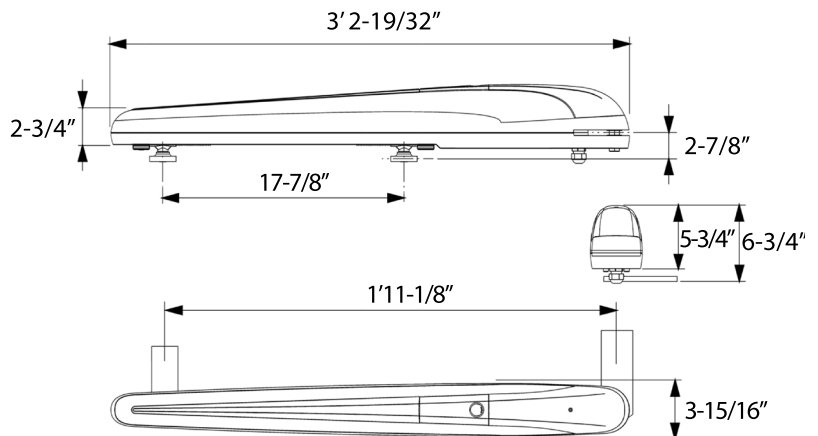
PowerMaster Model DSW is available in 1/2HP. This unit is designed for gates up to 18 feet and/or 2000 lbs. Solar and low voltage charging inputs for added power control. Arm attachment height is 17 inches from operator base. Travel is approximately 90 degrees in 15 seconds. Built-in three button control. Shipping weight is approximately 160 lbs.

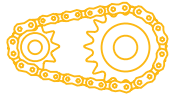


ASW



PowerMaster Model ASW with DC motor controls vehicular gates in moderate traffic and residential applications. It is ideal for custom homes, self storage, and other commercial properties. Designed for use on gates with a maximum weight of 1000 lbs and a maximum width of 15 feet. The gate will travel from open to close in approximately 15 seconds. Can be used in a single gate mode or synchronized with a second unit in bi-parting applications. Up to 600 cycles on fully charged batteries when AC power is out. Shipping weight is approximately 75 lbs.



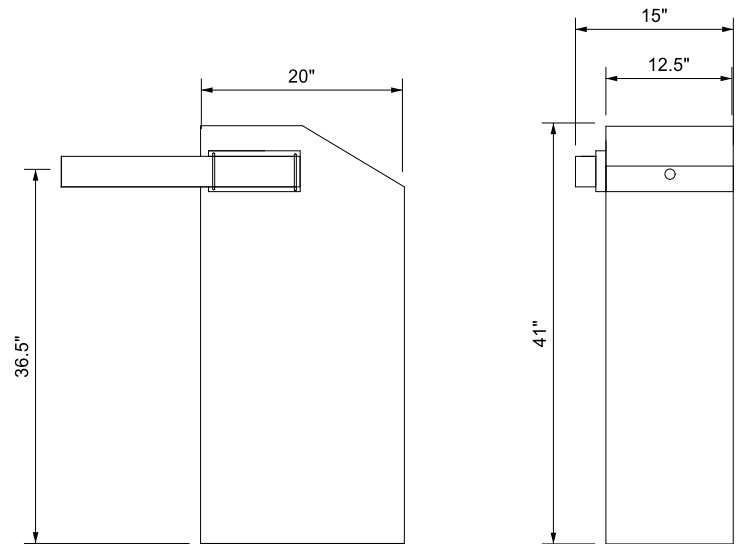


D-SBG



PowerMaster Model D-SBG is available in 588 watts (1/2HP-equivalent), 24VDC motor in 1Ø configuration. Maximum arm length is 16 feet. It is rated at 100 cycles per hour and travel is approximately 90 degrees in 4 seconds standard. Up to 200 cycles on fully charged batteries when AC power is out. Onboard three button control station included. Shipping weight is approximately 250 lbs.*

*Weight may vary based on arm length.

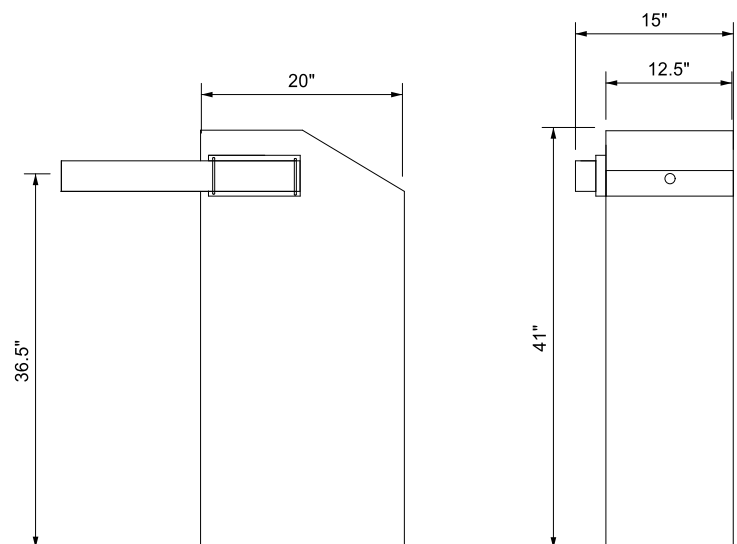


D-WBG



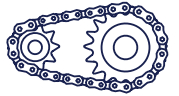
PowerMaster D-WBG is designed for use with arms of up to 24 feet. Maximum of 25 cycles per hour. Available in 588 watts (1/2HP-equivalent), 24VDC motor, in 1Ø configuration. Travel speed is approximately 90 degrees in 7 seconds standard. Up to 200 cycles on fully charged batteries when AC power is out. Onboard three button control station included. Shipping weight is approximately 400 lbs.*

*Weight may vary based on arm length.



MODEL	(COMMENTS)	WEIGHT	MODEL	(COMMENTS)	WEIGHT
GJ		50	RSW		83
MGJ		40	MSW		103
MG	1/2 - 1 HP	111	DSW		160
MG	1-1/2 HP	132	CSWI /DSWI		315
MG	2 HP	141	RSG		90
MG	3 HP	254	DCSG		150
MG	5 HP	600	SG		205
MG	7-1/2 HP	700	SG PLATFORM		31
WMG	1/2 - 1 HP	136	SGI		325
WMG	1-1/2 - 2 HP	150	DSG		205
EMG	1/2 - 2 HP	178	DSBG		215
H		95	DWBG		215
J		78			
CH		111	Note: This is raw weight of unit. Please see operator descriptions for shipping weight.		
CJ		93			
T		75			
CT		95			
APT		83			
SL		112	PIPE, SBG		8
GSL		200	ARM, WOOD, SBG		30
CGH		150	ARM, ALUM 12' FOR SBG		30
GT		113	ARM, TUBE 16' FOR SBG		16
WGT		150	ARM, WOOD FOR WBG		50
EGT		157	WEIGHT: SINGLE		21
			WEIGHT: DOUBLE		42

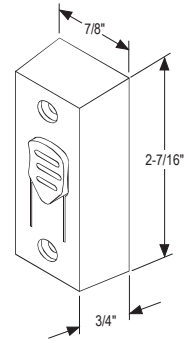
Length / Pitches			Weight (lbs)		
Door Height (ft)	Chain Length (ft)	# of Pitches	Track	#65 chain	#41 chain
8	23	555	40	4.50	5.75
10	27	651	45	5.25	7.00
12	31	747	51	6.00	8.25
14	35	843	58	6.75	9.50
16	39	939	65	7.50	10.75
18	43	1035	71	8.25	12.00
20	47	1131	78	9.00	13.25
22	51	1227	85	9.75	
24	55	1323	102	10.50	
26	59	1419	120	11.25	



1R

1 NO Momentary Contact
Plastic Housing

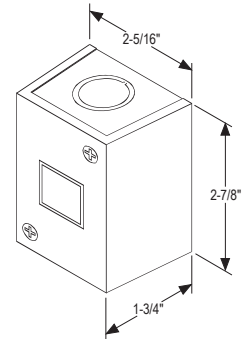
H- 2.44" W - 0.87" D - 0.75"



1B

1 NO Momentary Contact
Sheet Metal Housing

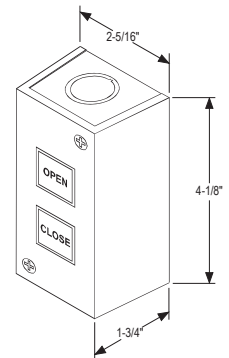
H- 2.87" W - 2.31" D - 1.75"



2B

OPEN (NO) - CLOSE (NO)
Momentary Contact
Sheet Metal Housing

H- 4.13" W - 2.31" D - 1.75"



3B / 3BU

3B

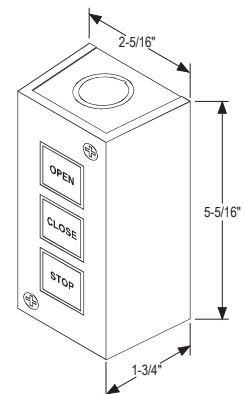
OPEN (NO) - CLOSE (NO) - STOP (NC)
Momentary Contact
Sheet Metal Housing

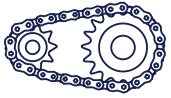
H- 5.31" W - 2.31" D - 1.75"

3BU

OPEN (NO) - CLOSE (NO) - STOP (NO + NC)
Momentary Contact
Sheet Metal Housing

H - 5.31" W - 2.31" D - 1.75"



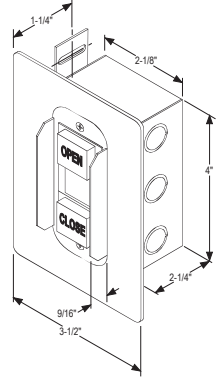


NEMA 1 Controls



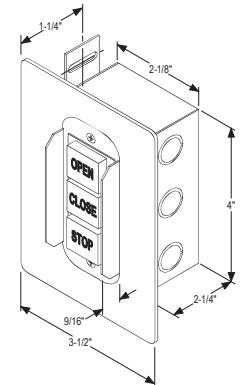
2BF

OPEN (NO) - CLOSE (NO)
Momentary Contact
Aluminum Faceplate
Steel Back Box



3BF

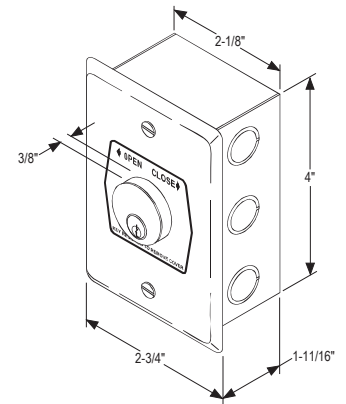
OPEN (NO) - CLOSE (NO) - STOP (NC)
Momentary Contact
Aluminum Faceplate
Steel Back Box



HBF

Keyed OPEN (NO) - CLOSE (NO)
Momentary Contact
Center Return

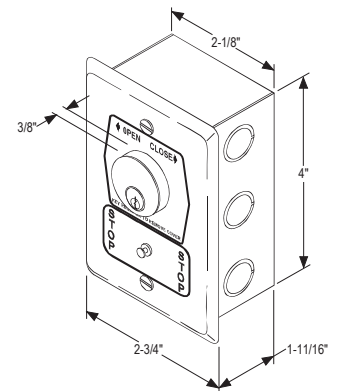
Stainless Steel Faceplate: H - 4.5" x W - 2.75"
Steel Back Box: H - 4.0" W - 2.12" D - 2.75"

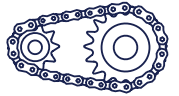


HBFS

Keyed OPEN (NO) - CLOSE (NO)
Stop Button (NC)
Momentary Contact
Center Return

Stainless Steel Faceplate: H - 4.5" x W - 2.75"
Steel Back Box: H - 4.0" W - 2.12" D - 2.75"



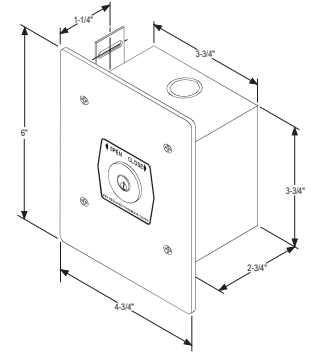


1KF

Keyed OPEN (NO) - CLOSE (NO)
Momentary Contact, Center Return
Yale Keyway Mortise Cylinder Standard

Aluminum Faceplate: H - 6" W - 4.75"
Steel Back Box: H - 3.75" W - 3.75" D - 2.75"

Specify Single, Keyed alike or Keyed in pairs.

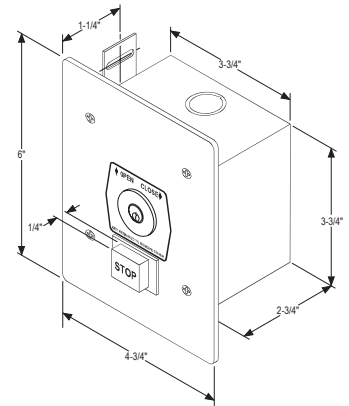


1KFS

Keyed OPEN (NO) - CLOSE (NO)
Stop Button (NC)
Momentary Contact
Center Return

Yale Keyway Mortise Cylinder Standard
Aluminum Faceplate: H - 6" W - 4.75"
Steel Back Box: H - 3.75" W - 3.75" D - 2.75"

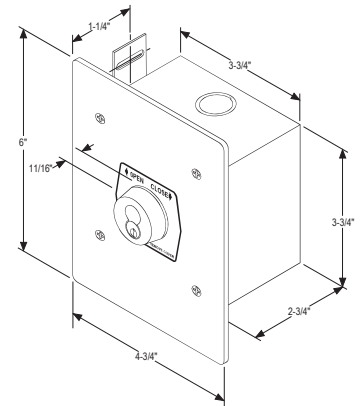
Specify Single, Keyed alike or Keyed in pairs.



1KF-IC

Keyed OPEN (NO) - CLOSE (NO)
Momentary Contact,
Center Return Interchangeable Core
Mortise Cylinder. Accepts 7 Pin Best Core.
Also available w/STOP button (1KFS-IC)

Aluminum Faceplate: H - 6" W - 4.75"
Steel Back Box: H - 3.75" W - 3.75" D - 2.75"



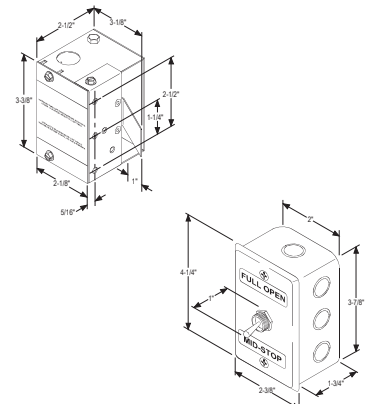
Interlock Switch / Mid-Stop

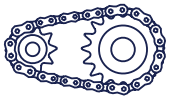
Interlock Switch

IS-1 for Pass Door
IS-2 for Sectional Door
IS-3 for Rolling Steel Door or Grille
H - 3.37" W - 2.13" D - 2.50"

Mid-Stop Switch

Use to stop door partially open or full open.
Steel Faceplate: H - 4.25" W - 2.38"
Steel Black Box: H - 3.87" W - 2.00" D - 1.75"





NEMA 3R Controls

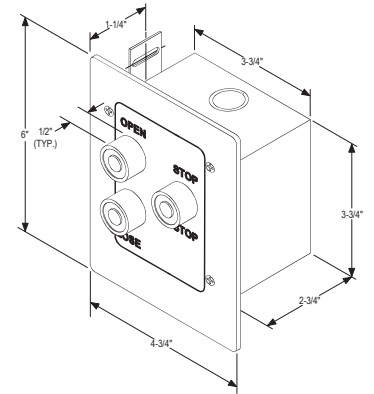


3BFX / 3BFXL

3BFX - OPEN (NO) - CLOSE (NO) - STOP (NC)
Momentary Contact

3BFXL - OPEN (NO) - CLOSE (NO) - STOP (NC)
w/Keyed Lockout Momentary Contact Buttons
Maintained Contact ON-OFF Cylinder (not shown)

Aluminum Faceplate H - 6.00" W - 4.75"



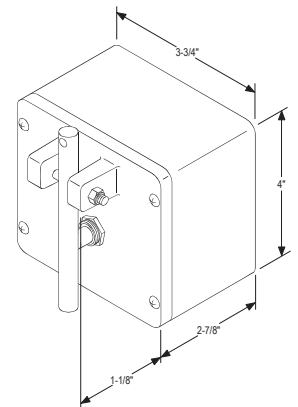
CP-1 / CP-2

CP-1 - Exterior Ceiling Pull Switch

SPST Momentary Contact
Aluminum Enclosure
H - 4.00" W 3.75" D - 2.87"

CP-2 - Exterior Ceiling Pull Switch

DPST Momentary Contact
Aluminum Enclosure
H - 4.00" W - 3.75" D - 2.87"

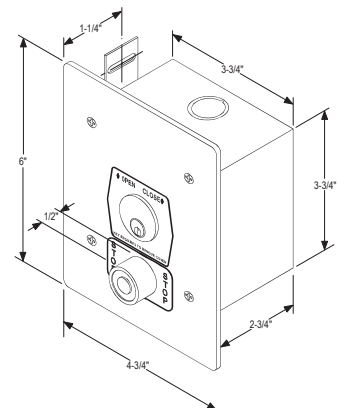


1KFX / 1KFXS

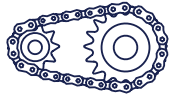
Keyed OPEN (NO) - CLOSE (NO) - STOP Button (NC)
Momentary Contact
Center Return Yale Keyway Mortise Cylinder Std
(Also available w/o Stop as 1KFX)

Aluminum Faceplate: H-6" W - 4.75"
Steel Black Box: H - 3.75" W - 3.75" D - 2.75"

Specify Single, Keyed alike or Keyed in pairs.



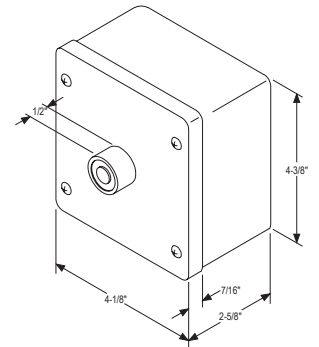
We offer a full line of access controls, telephone entry systems, intercom systems, loop detectors, motion sensors and safety devices for every installation. We will build your combination reversing starters and fused disconnect switches in any NEMA configuration, and specialize in custom control panels that are delivered quickly.



1BX

Epoxy Powder Coated
Aluminum Enclosure
Single Button (NO)
Momentary Contact Standard

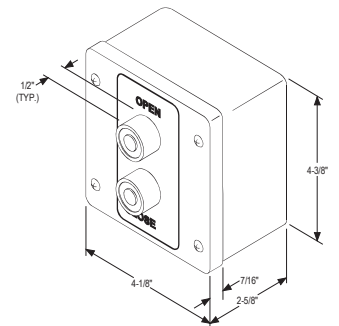
H - 4.37" W - 4.12" D - 2.62"



2BX

Epoxy Powder Coated
Aluminum Enclosure
OPEN (NO) - CLOSE (NO)
Momentary Contact

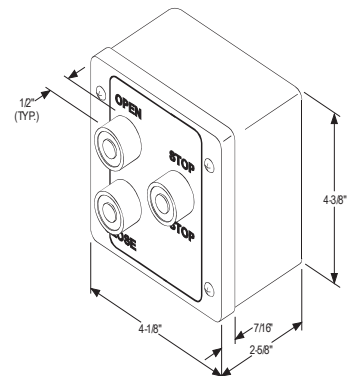
H - 4.37" W - 4.12" D - 2.62"



3BX

Epoxy Powder Coated
Aluminum Enclosure
OPEN (NO) - CLOSE (NO) - STOP (NC)
Momentary Contact

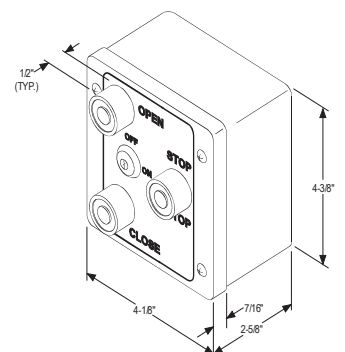
H - 4.37" W - 4.12" D - 2.62"

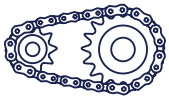


3BXL

Epoxy Powder Coated
Aluminum Enclosure
OPEN (NO) - CLOSE (NO) - STOP (NC)
Momentary Contact
ON-OFF Cylinder Maintained Contact

H - 4.37" W - 4.12" D - 2.62"





NEMA 4 Controls

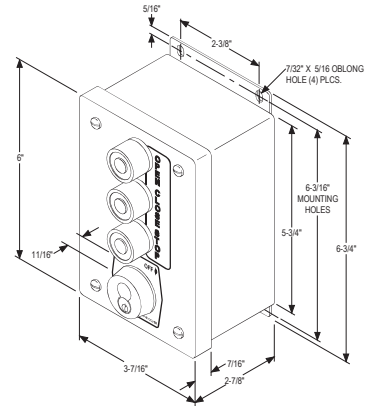


3BLM

Epoxy Powder Coated Steel Enclosure
OPEN (NO) - CLOSE (NO) - STOP (NC)
Momentary Contact
ON-OFF Mortise Cylinder Center Return

H - 4.37" W - 4.12" D - 2.62"

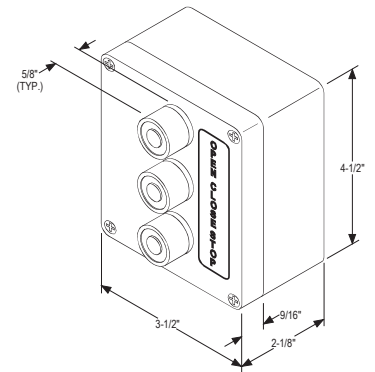
Available with standard Yale keyway
or Interchangeable Core Cylinder as shown.



3B4X

NEMA 4X
OPEN (NO) - CLOSE (NO) - STOP (NC)
Momentary Contact
Grey Polycarbonate Enclosure

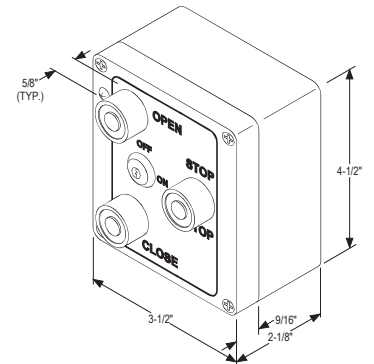
H - 4.50" W - 3.50" D - 2.12"



3B4XL

NEMA 4X
OPEN (NO) - CLOSE (NO) - STOP (NC)
Momentary Contact
ON-OFF Cylinder Maintained Contact
Grey Polycarbonate Enclosure

H - 4.50" W - 3.50" D - 2.12"

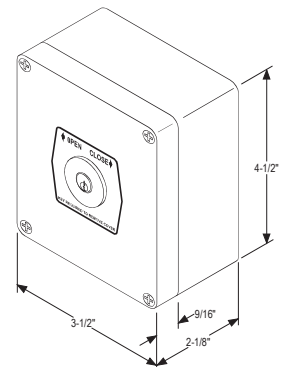


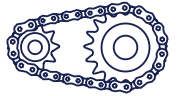
1K4X / 1K4XS

OPEN (NO) - CLOSE (NO)
Momentary Contact spring return to center
Grey Polycarbonate Enclosure

H - 4.50" W - 3.50" D - 2.12"

Available w/STOP (1K4XS)



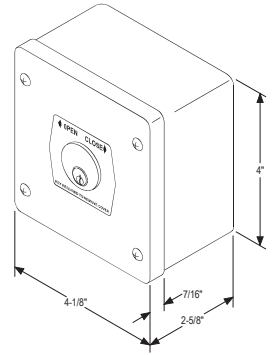


1KX

Keyed OPEN (NO) - CLOSE (NO)
Momentary Contact, Center Return
Yale Keyway Mortise Cylinder Standard
Epoxy Powder Coated Aluminum Enclosure

H - 4.37" W- 4.12" D - 2.62"

Specify Single, Keyed alike or Keyed in pairs.

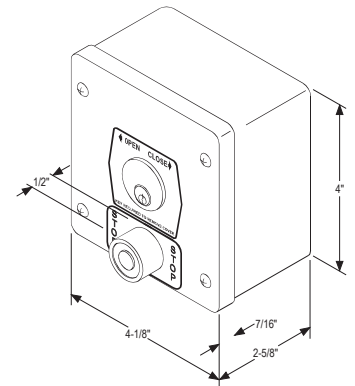


1KXS

Keyed OPEN (NO) - CLOSE (NO)
Momentary Contact, Center Return
Yale Keyway Mortise Cylinder Standard
Stop Button (NC) Momentary Contact
Epoxy Powder Coated Aluminum Enclosure

H - 4.37" W- 4.12" D - 2.62"

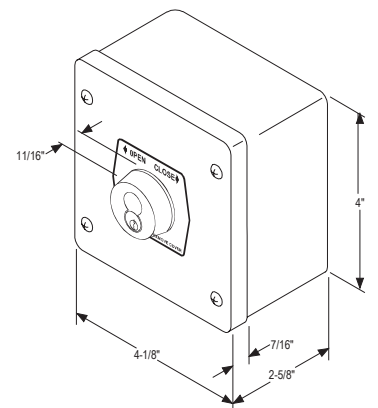
Specify Single, Keyed alike or Keyed in pairs.



1KX-IC

Keyed OPEN (NO) - CLOSE (NO)
Momentary Contact, Center Return
Interchangeable Core Mortise Cylinder
Accepts 7 Pin Best Core.
Epoxy Powder Coated Aluminum Enclosure

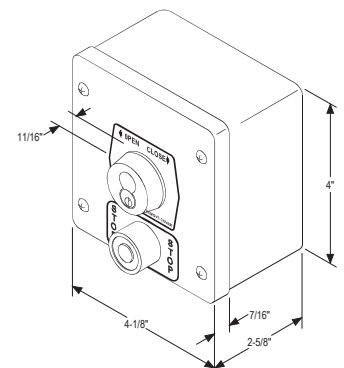
H - 4.37" W- 4.12" D - 2.62"

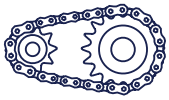


1KXS-IC

Keyed OPEN (NO) - CLOSE (NO)
Momentary Contact, Center Return
Interchangeable Core Mortise Cylinder
Accepts 7 Pin Best Core.
Stop Button (NC) Momentary Contact
Epoxy Powder Coated Aluminum Enclosure

H - 4.37" W- 4.12" D - 2.62"



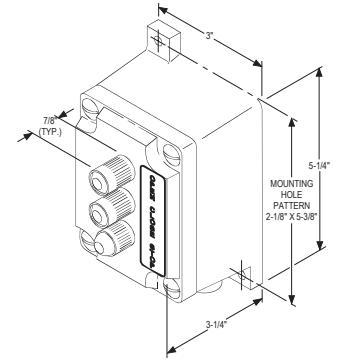


NEMA 7 & 9 Controls



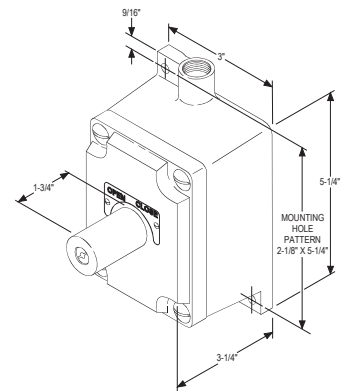
3EBX

NEMA 7 & 9
OPEN (NO) - CLOSE (NO) - STOP (NC)
Momentary Contact
Epoxy Powder Coated Aluminum Enclosure
H - 5.37" W - 3.00" D - 3.25"



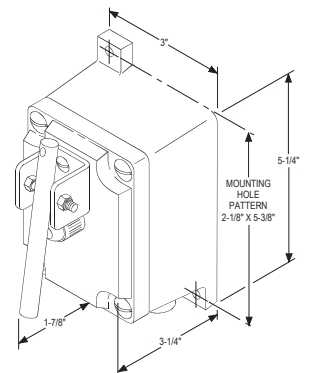
1EKX

NEMA 7 & 9
Explosion Proof Key Station
OPEN - CLOSE
Momentary Contact
Center Return
Epoxy Powder Coated Aluminum Enclosure
H - 5.37" W - 3.00" D - 3.25"



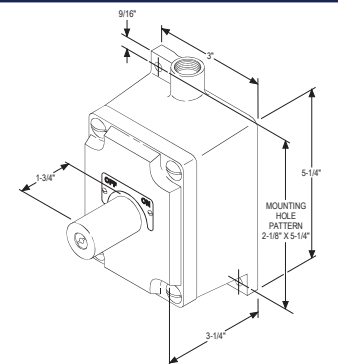
CP2X

NEMA 7 & 9
Explosion Proof Ceiling Pull Switch
DPST Momentary Contact
Epoxy Powder Coated Aluminum Enclosure
H - 5.37" W - 3.00" D - 3.25"



1EKXL

NEMA 7 & 9
Explosion Proof OFF - ON
Maintained Keyed Lockout
Key removable in both positions
Epoxy Powder Coated Aluminum Enclosure
H - 5.37" W - 3.00" D - 3.25"



A cartoon illustration of a man with glasses, wearing a white shirt and a blue tie, holding a telephone receiver to his ear. He has a wide-eyed, open-mouthed expression of shock or stress, with his other hand raised near his face. A speech bubble above him contains the text 'You need it WHEN?!'.

**You need it
*WHEN?!***

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the “when” is never a problem.

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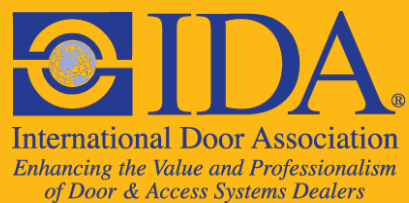
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