



VIKING ACCESS SYSTEMS



2023 PRICE BOOK



Valid 05/2023

TABLE OF CONTENTS



Swing Gate Operators..... 3

R6	4
F1.....	6
T21.....	8
E4.....	10
E4 ECU	12
G5.....	14
G5 ECU	16
X390	18
I770	20
ECU	24

Slide Gate Operators 27

K2 SPS.....	28
L3 SPS	30
H10 SPS.....	32

Solar Gate Operators..... 35

R6 Solar.....	36
K2 Solar SPS.....	38
G5 Solar	40
Solar ECU	42

Accessories..... 45

Accessory Kit Components	46
Other Accessories.....	47

Exploded Diagrams & Spare Parts..... 49

R6	50
F1.....	51
T21.....	52
E4.....	53
E4 ECU	54
G5.....	55
X390	56
I770	57
ECU	58
K2 SPS.....	59
L3 SPS	60
H10 SPS.....	61
R6 Solar.....	62
K2 Solar SPS.....	63
G5 Solar	64
Solar ECU	65

Limited Warranty 66

General Terms and Conditions 67

*DISCLAIMER: Prices subject to change without notice.
Viking Access Systems is not responsible for typographical errors.*



SWING GATE OPERATORS



Operator	Residential	Commercial
R6	X	
F1	X	X
T21	X	X
E4	X	
G5	X	X
X390	X	X
I 770	X	

R-6

SWING GATE OPERATOR

RESIDENTIAL



- Adaptive motor control
- Built-in thermostat controlled heater
- Built-in voltmeter
- Lightning strike protection
- Multiple power options
- On-board display
- True battery back-up
- UL325 compliant
- Two monitoring inputs w/ up to 4 devices per input
- 120VAC outlet provided
- Adjustable speed control
- Anti-tailgating feature
- Fail secure mode
- Fail safe mode
- Manual release - mechanical
- Multiple power outage options
- Two 4Ah batteries included

TECHNICAL SPECIFICATIONS

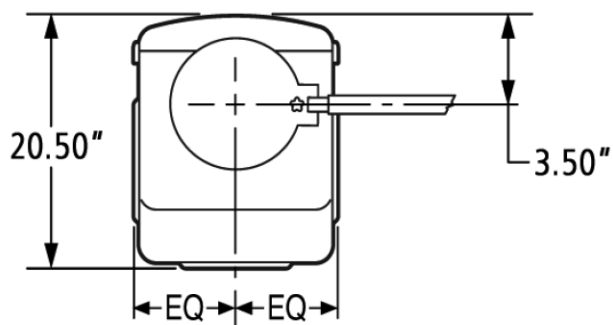
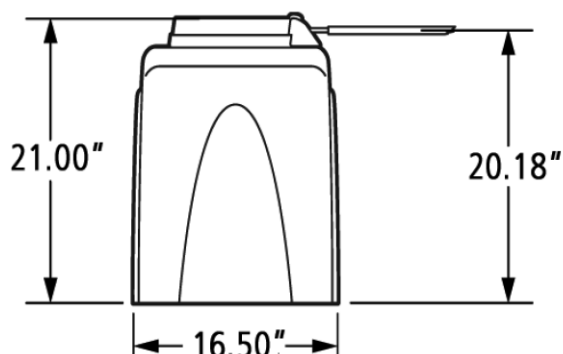
Maximum Gate Capacity	14 ft at 700 lb
UL 325 Classification	Class I
Duty Cycle	100%
Operating Voltage	24VDC
Voltage Current Specs	120VAC - 2.5A or 240VAC - 1.5A
Main Power Frequency	50Hz / 60Hz
Main Power Fuse	4A Timed
Alternative Power Source	24VAC / VDC (60VA) or Solar
Accessory Power	24VDC - 750mA
Power Consumption - Idle	70mA
Motor Current (Typical)	4.0A
Operating Temperature	-20°F (-28°C) to 160°F (71°C)
Opening Angle	120°
Gate Speed	13-16 sec./90°
Battery Backup	400 Continuous Cycles

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
R6 Swing Gate Operator Kit	132 lb	VA-R6SLK	\$3,439
R6 Swing Gate Operator - Operator Only	130 lb	VA-R6NX	\$3,187

VA-R6SLK R6 SWING GATE OPERATOR KIT CONTAINS:

QTY	PART NUMBER	DESCRIPTION
1	VA-R6NX	R6 Swing Gate Operator
1	FA-XR2C	433 Mhz Receiver
2	FA-XT4RC	433 Mhz RC Transmitter
1	FA-XP30-10K	Photocell 10K Resistor
2	FA-XP30AC	Photocell adapter

DIMENSIONS



ACCESSORIES

Description	Part Number	Price
Viking Monitor	VA-18MONITOR	\$127
Viking Konnect - Wireless Dual Leaf	VA-KONNECT-MS	\$865
Viking Surge Protection	VA-SURGEPROAC	\$92
Loop Rack	VA-LR	\$119
Antenna Extension Cable	VA-RPSMA	\$131
Solar Package (for 24 Volt Gate Operators)	VA-SOCHP	\$2,216
Includes: (2) VA-SO40W Solar Panel, (1) SOCHR10 Solar Charger, (1) SOHAR Solar Harness, (2) DUBA35 Battery 12V 35Ah		
Solar Panel 12V/40W	VA-SO40W	\$700
Solar Charger 10 Amp (24V)	SOCHR10	\$476
Solar Harness	SOHAR	\$99
Battery 12V 35 amp	DUBA35	\$366
R6,F1,T21 Pipe Stand	VA-F1PS	\$348
Modular Power Box Assembly	VNXMPB	\$612
Accessory Kit Swinger	VA-ACKSWING	\$537
Includes: (1) FA-XP30-10K Photocell, (2) FA-XP30AC Photocell Conduit Adapters, (1) FA-XR2C Receiver, (2) FA-XT4RC Transmitters		



SWING GATE OPERATOR



RESIDENTIAL
COMMERCIAL



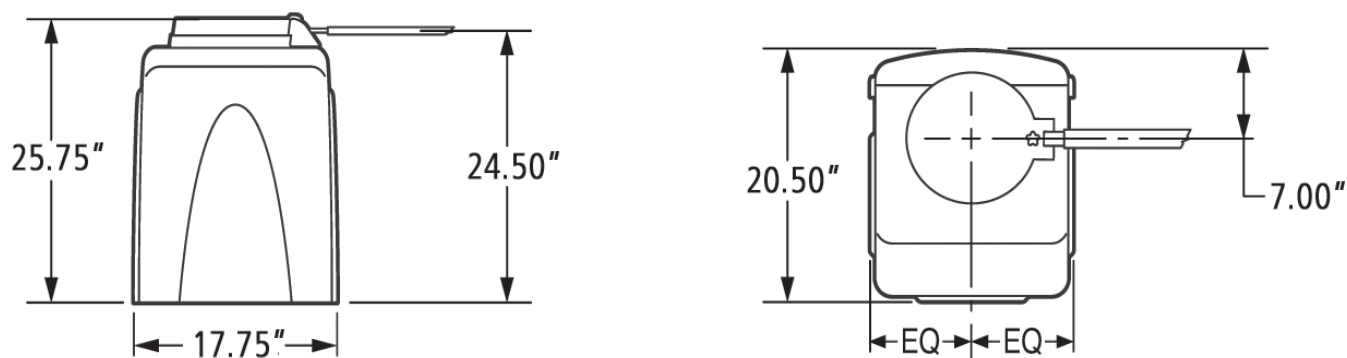
- Adaptive motor control
- Built-in loop rack
- Built-in thermostat controlled heater
- Built-in voltmeter
- Lightning strike protection
- Multiple power options
- On-board display
- True battery back-up
- UL325 compliant
- Two monitoring inputs w/ up to 4 devices per input
- 120VAC outlet provided
- Adjustable speed control
- Anti-tailgating feature
- Fail secure mode
- Fail safe mode
- Manual release - mechanical
- Multiple power outage options
- Two 4Ah batteries included

TECHNICAL SPECIFICATIONS

Maximum Gate Capacity	12 ft at 1500 lb / 16 ft at 1000 lb
UL 325 Classification	Class I, II, III, IV
Duty Cycle	100%
Operating Voltage	24VDC
Voltage Current Specs	120VAC - 2.5A or 240VAC - 1.5A
Main Power Frequency	50Hz / 60Hz
Main Power Fuse	4A Timed
Alternative Power Source	24VAC / VDC (60VA) or Solar
Accessory Power	24VDC - 750mA
Power Consumption - Idle	70mA
Motor Current (Typical)	4.0A
Operating Temperature	-20°F (-28°C) to 160°F (71°C)
Opening Angle	120°
Gate Speed	13-16 sec./90°
Battery Backup	400 Continuous Cycles

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
F1 Swing Gate Operator	177 lb	VA-F1NX	\$4,276

DIMENSIONS

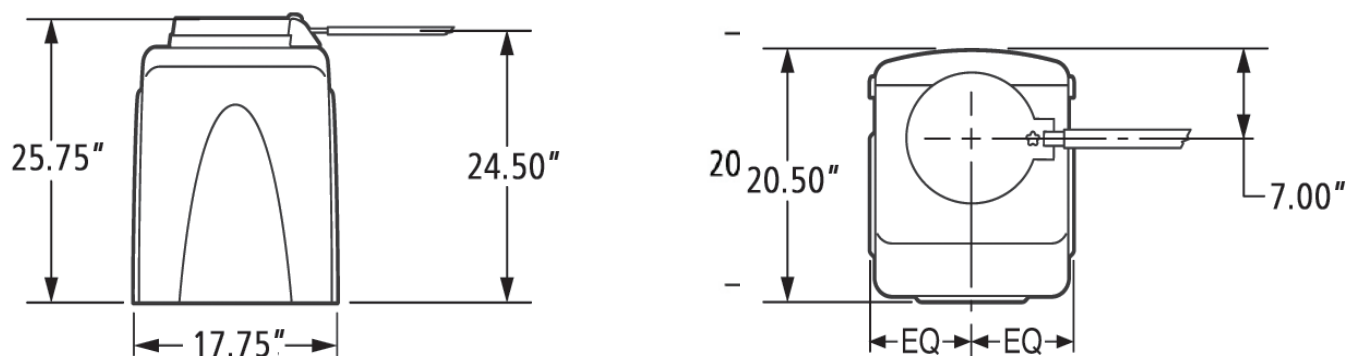


ACCESSORIES

Description	Part Number	Price
Viking Monitor	VA-18MONITOR	\$127
Viking Konnect - Wireless Dual Leaf	VA-KONNECT-MS	\$865
Viking Surge Protection	VA-SURGEPROAC	\$92
Antenna Extension Cable	VA-RPSMA	\$131
Solar Package (for 24 Volt Gate Operators)	VA-SOCHP	\$2,216
Includes: (2) VA-SO40W Solar Panel, (1) SOCHR10 Solar Charger, (1) SOHAR Solar Harness, (2) DUBA35 Battery 12V 35Ah		
Solar Panel 12V/40W	VA-SO40W	\$700
Solar Charger 10 Amp (24V)	SOCHR10	\$476
Solar Harness	SOHAR	\$99
Battery 12V 35 amp	DUBA35	\$366
R6,F1,T21 Pipe Stand	VA-F1PS	\$348
F1 Swivel arm assembly	VA-F1SWL20	\$337
Accessory Kit Swinger	VA-ACKSWING	\$537
Includes: (1) FA-XP30-10K Photocell, (2) FA-XP30AC Photocell Conduit Adapters, (1) FA-XR2C Receiver, (2) FA-XT4RC Transmitters		

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
T21 Swing Gate Operator	200 lb	VA-T21NX	\$5,659

DIMENSIONS



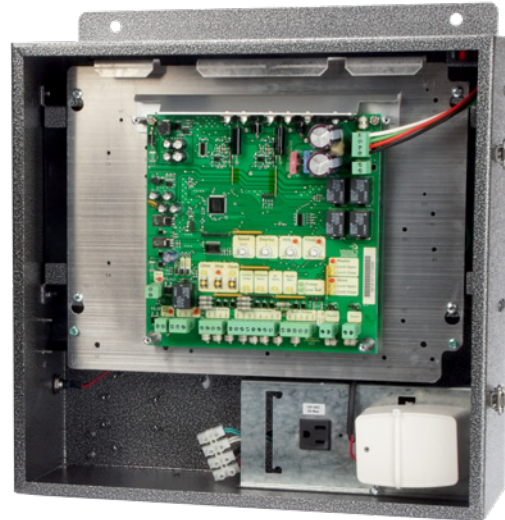
ACCESSORIES

Description	Part Number	Price
Viking Monitor	VA-18MONITOR	\$127
Viking Konnect - Wireless Dual Leaf	VA-KONNECT-MS	\$865
Viking Surge Protection	VA-SURGEPROAC	\$92
Antenna Extension Cable	VA-RPSMA	\$131
Solar Package (for 24 Volt Gate Operators)	VA-SOCHP	\$2,216
Includes: (2) VA-SO40W Solar Panel, (1) SOCHR10 Solar Charger, (1) SOHAR Solar Harness, (2) DUBA35 Battery 12V 35Ah		
Solar Panel 12V/40W	VA-SO40W	\$700
Solar Charger 10 Amp (24V)	SOCHR10	\$476
Solar Harness	SOHAR	\$99
Battery 12V 35 amp	DUBA35	\$366
R6,F1,T21 Pipe Stand	VA-F1PS	\$348
F1 Swivel arm assembly	VA-F1SWL20	\$337
Accessory Kit Swinger	VA-ACKSWING	\$537
Includes: (1) FA-XP30-10K Photocell, (2) FA-XP30AC Photocell Conduit Adapters, (1) FA-XR2C Receiver, (2) FA-XT4RC Transmitters		

E-4

SWING GATE OPERATOR

RESIDENTIAL



- Lightning strike protection
- Multiple power options
- (Optional) True battery back-up*
- UL325 compliant
- Two monitoring inputs w/ up to 4 devices per input
- 120VAC outlet provided
- Adjustable speed control

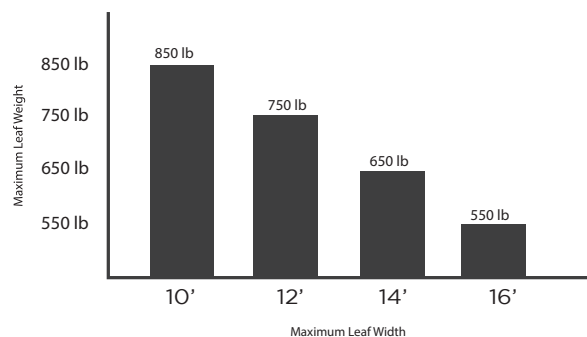
- Fail secure mode
- Large box option
- Manual release - mechanical
- Multiple power outage options
- Positive stop limits
- Onboard solar charger
- Provided with plug-in transformer

TECHNICAL SPECIFICATIONS

Maximum Gate Capacity	See fig. 1
UL 325 Classification	Class I
Duty Cycle	100%
Operating Voltage	24VDC
Voltage Current Specs	120VAC - 2.0 or 240VAC - 1.0 (each motor)
Main Power Frequency	50Hz / 60Hz
Main Power Fuse	4A Timed
Alternative Power Source	24VAC / VDC (60VA) or Solar
Accessory Power	24VDC - 750mA
Power Consumption - Sleep	6mA
Motor Current (Typical)	3.0A
Operating Temperature	-20°F (-28°C) to 160°F (71°C)
Opening Angle	110°
Gate Speed	12-16 sec./90°
Battery Backup	400 Continuous Cycles

fig. 1

E4 Relative Gate Capacities



MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
E4 Swing Gate Operator Single Kit	68 lb	VA-E4K	\$2,283
E4 Swing Gate Operator Secondary Kit	34 lb	VA-E4S	\$1,142
E4 Swing Gate Operator - Operator Only	32 lb	VA-E4	\$961

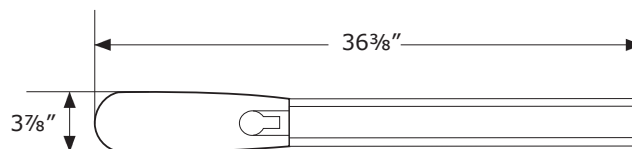
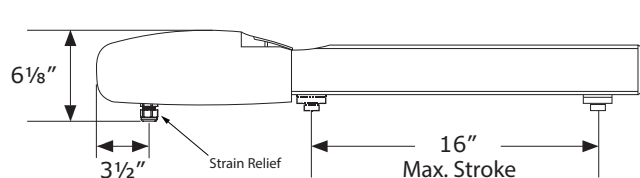
VA-E4K E4 SWING GATE OPERATOR SINGLE KIT CONTAINS:

QTY	PART NUMBER	DESCRIPTION
1	VA-E4	E4 Swing Gate operator
1	VA-ECUE4-2	E4 ECU
1	FA-XR2C	433 Mhz Receiver (Pre-installed)
2	FA-XT4RC	433 Mhz RC Transmitter
1	FA-XP30-10K	Photocell 10K Resistor
2	FA-XP30AC	Photocell adapter

VA-E4S E4 SWING GATE OPERATOR SECONDARY KIT CONTAINS:

QTY	PART NUMBER	DESCRIPTION
1	VA-E4	E4 Swing Gate operator
1	DJBK	Junction box
40	VA-2CB16	2 Conductor cable

DIMENSIONS

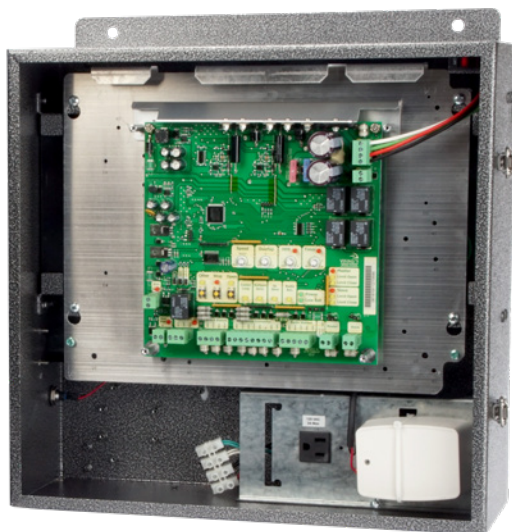


ACCESSORIES

Description	Part Number	Price
Viking Monitor	VA-18MONITOR	\$127
Viking Surge Protection**	VA-SURGEPROAC	\$92
Loop Rack	VA-LR	\$119
Antenna Extension Cable	VA-RPSMA	\$131
Solar Package (for 24 Volt Gate Operators)	VA-SOCHP	\$2,216
Includes: (2) VA-SO40W Solar Panel, (1) SOCHR10 Solar Charger, (1) SOHAR Solar Harness, (2) DUBA35 Battery 12V 35Ah		
Solar Panel 12V/40W	VA-SO40W	\$700
Solar Charger 10 Amp (24V)	SOCHR10	\$476
Solar Harness	SOHAR	\$99
Battery 12V 35 amp	DUBA35	\$366
E4 BIG ECU	VA-ECUBE4	\$1,108
Toroid Transformer - 10 amp*	DUTT10	\$337
EMI Board*	DUEMI10	\$159
Accessory Kit Swinger	VA-ACKSWING	\$537
Includes: (1) FA-XP30-10K Photocell, (2) FA-XP30AC Photocell Conduit Adapters, (1) FA-XR2C Receiver, (2) FA-XT4RC Transmitters		

*Both DUEMI10 and DUTT10 are required for true battery back-up

**When used with battery backup



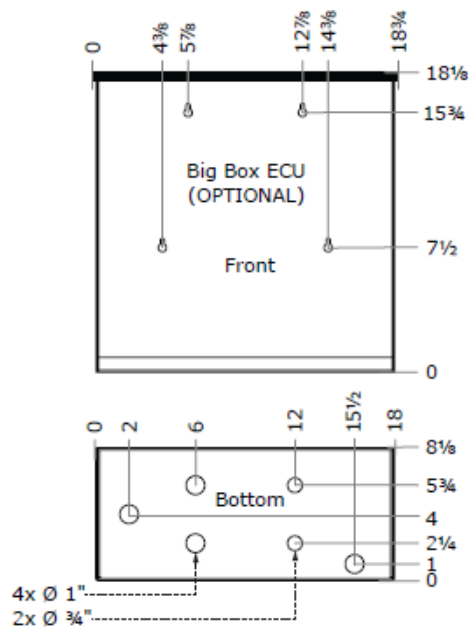
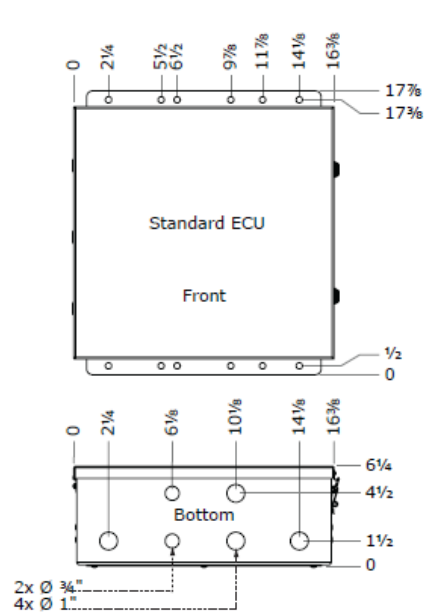
- UL 325 compliant
- Two monitoring inputs w/ up to 4 devices per input
- Lightning strike protection
- 24V Solar panel input
- 24V Battery charger
- Low voltage plug-in transformer included
- Two AC receptacles
- 120V toroid transformer (optional)
- Sleep mode
- Adaptive motor control
- Adjustable speed control
- Two 6Ah batteries included
- Big box option
- Enclosure:
- Aluminum construction
- Powder coated
- Post mount options built-in
- Pre-punched holes for conduit
- Padlock latch
- IP54 certified ingress protection

TECHNICAL SPECIFICATIONS

Compatible Models	E4
Operating Voltage	24VDC
Voltage Current Specs	120VAC - 2.0A or 240VAC - 1.0A (each motor)
Main Power Frequency	50Hz / 60Hz
Main Power Fuse	4A Timed (only with 120V option)
Alternative Power Source	24VAC / VDC (60VA) or Solar
Accessory Power	24VDC - 750mA
Power Consumption - Sleep	6mA
Motor Current (Typical)	2.0A
Operating Temperature	-20°F (-28°C) to 131°F (55°C)
Dimensions Standard Box (L x D x H)	16.375 x 6.25 x 17.875 in
Dimensions Big Box (L x D x H)	18.75 x 8.125 x 18.2 in

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
E-4 Electronic Control Unit	28 lb	VA-ECUE4-2	\$1,015
E4 Big Electronic Control Unit	34 lb	VA-ECUBE4	\$1,108

DIMENSIONS





SWING GATE OPERATOR

RESIDENTIAL
COMMERCIAL



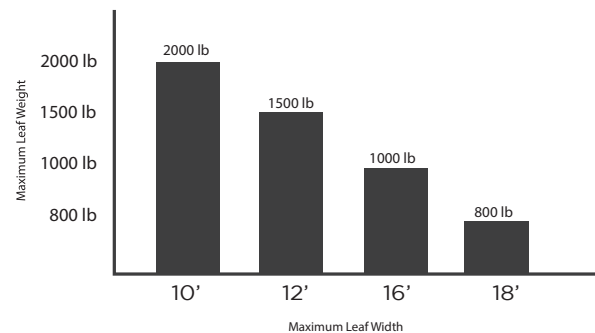
- Adaptive motor control
- Built-in thermostat controlled heater
- Built-in voltmeter
- Lightning strike protection
- Multiple power options
- On-board display
- True battery back-up
- UL325 compliant
- Two monitoring inputs w/ up to 4 devices per input
- (Optional) Large box with 120VAC outlet
- Adjustable speed control
- Anti-tailgating feature
- Fail secure mode
- Fail safe mode
- Large box option
- Lockable cover
- Manual release - electronic
- Multiple power outage options

TECHNICAL SPECIFICATIONS

Maximum Gate Capacity	See fig. 2
UL 325 Classification	Class I, II, III, IV
Duty Cycle	100%
Operating Voltage	24VDC
Voltage Current Specs	120VAC - 1.5A or 240VAC - 1.0A (each motor)
Main Power Frequency	50Hz / 60Hz
Main Power Fuse	4A Timed
Alternative Power Source	24VAC / VDC (60VA) or Solar
Accessory Power	24VDC - 750mA
Power Consumption - Sleep	28mA
Motor Current (Typical)	3.0A
Operating Temperature	-20°F (-28°C) to 160°F (71°C)
Opening Angle	135°
Gate Speed	15-18 sec./90°
Battery Backup	400 Continuous Cycles

fig. 2

G5 Relative Gate Capacities



MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
G5 Swing Gate Operator Single Kit	66 lb	VA-G5SLK	\$3,128
G5 Swing Gate Operator Dual Kit	106 lb	VA-G5DLK	\$5,058
G5 Swing Gate Operator - Operator Only	33 lb	VA-G5NX	\$1,881

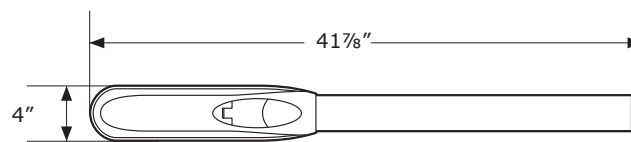
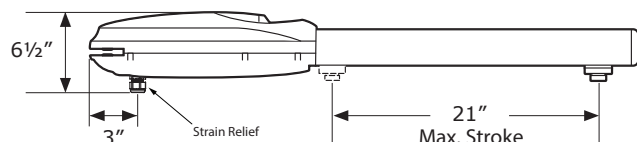
VA-G5SLK G5 SWING GATE OPERATOR SINGLE KIT CONTAINS:

QTY	PART NUMBER	DESCRIPTION
1	VA-G5NX	G5 Swing Gate Operator
1	VA-ECUSNX2	ECU Single
1	FA-XR2C	433 Mhz Receiver
2	FA-XT4RC	433 Mhz RC Transmitter
1	FA-XP30-10K	Photocell 10K Resistor
2	FA-XP30AC	Photocell adapter

VA-G5DLK G5 SWING GATE OPERATOR DUAL KIT CONTAINS:

QTY	PART NUMBER	DESCRIPTION
2	VA-G5NX	G5 Swing Gate Operator
1	VA-ECUMSNX2	ECU Dual
1	FA-XR2C	433 Mhz Receiver
2	FA-XT4RC	433 Mhz RC Transmitter
1	FA-XP30-10K	Photocell 10K Resistor
2	FA-XP30AC	Photocell adapter
1	DJBK	Junction box
40	VA-CB16	6 conductor cable, 16 AWG shielded

DIMENSIONS



ACCESSORIES

Description	Part Number	Price
Viking Monitor	VA-18MONITOR	\$127
Radio Antenna Kit	VARAK	\$41
Viking Konnect - Wireless Dual Leaf	VA-KONNECT-MS	\$865
Viking Surge Protection	VA-SURGEPROAC	\$92
Loop Rack	VA-LR	\$119
Antenna Extension Cable	VA-RPSMA	\$131
Solar Package (for 24 Volt Gate Operators)	VA-SOCHP	\$2,216
Includes: (2) VA-SO40W Solar Panel, (1) SOCHR10 Solar Charger, (1) SOHAR Solar Harness, (2) DUBA35 Battery 12V 35Ah		
Solar Panel 12V/40W	VA-SO40W	\$700
Solar Charger 10 Amp (24V)	SOCHR10	\$476
Solar Harness	SOHAR	\$99
Battery 12V 35 amp	DUBA35	\$366
G5 Post Mount Kit	VA-G5PSKT	\$297
Modular Power Box Assembly	VNXMPB	\$612
ECU Big Box Single Leaf	VA-ECUBSNX	\$1,079
ECUBig Box Dual Leaf	VA-ECUBMSNX	\$1,224
Accessory Kit Swinger	VA-ACKSWING	\$537

Includes: (1) FA-XP30-10K Photocell, (2) FA-XP30AC Photocell Conduit Adapters, (1) FA-XR2C Receiver, (2) FA-XT4RC Transmitters

ECU ELECTRONIC CONTROL UNIT ○ ○ ○ ○ ○ ○ ○ ○



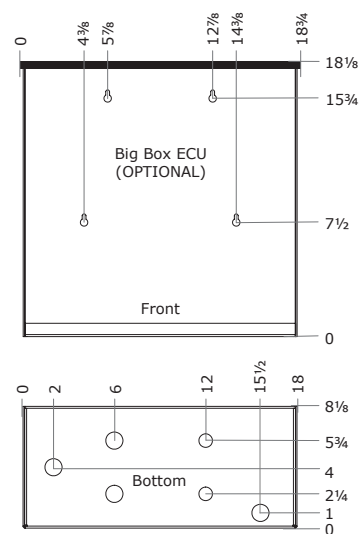
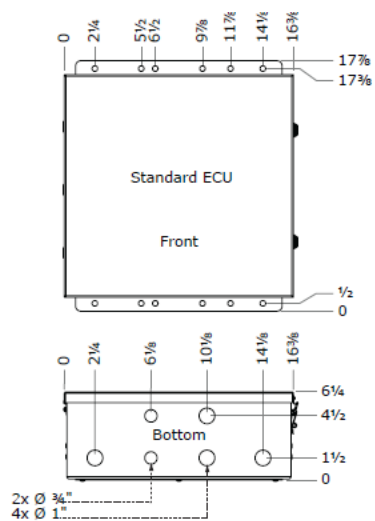
- UL 325 compliant
- Two monitoring inputs w/ up to 4 devices per input
- On board display
- Built-in voltmeter
- Lightning strike protection
- 120V, 220V, or low voltage or solar power option
- Adaptive motor control
- Adjustable speed control
- Anti-tailgating feature
- True battery back-up
- Built-in thermostat-controlled heater
- Two 4Ah batteries included
- 120V receptacle
- Big box option
- Enclosure:
- Aluminum construction
- Powder coated
- Post mount options built-in
- Pre-punched holes for conduit
- Padlock latch
- IP54 ingress protection

TECHNICAL SPECIFICATIONS

Compatible Models	G5
Duty Cycle	100%
Operating Voltage	24VDC
Voltage Current Specs	120VAC - 1.5A or 240VAC - 1.0A (each motor)
Main Power Frequency	50Hz / 60Hz
Main Power Fuse	4A Timed
Alternative Power Source	24VAC / VDC (60VA) or Solar
Accessory Power	24VDC - 750mA
Power Consumption Single - Idle	70mA
Power Consumption Dual - Idle	125mA
Motor Current (Typical)	2.0A
Operating Temperature	-20°F (-28°C) to 131°F (55°C)
Dimensions Standard Box (L x D x H)	16.375 x 6.25 x 17.875 in
Dimensions Big Box (L x D x H)	18.75 x 8.125 x 18.2 in

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
G5 Electronic Control Unit – Single Leaf	32 lb	VA-ECUSNX2	\$986
G5 Electronic Control Unit – Dual Leaf	40 lb	VA-ECUMSNX2	\$1,090
G5 Big Electronic Control Unit – Single Leaf	35 lb	VA-ECUBSNX	\$1,079
G5 Big Electronic Control Unit – Dual Leaf	40 lb	VA-ECUBMSNX	\$1,224

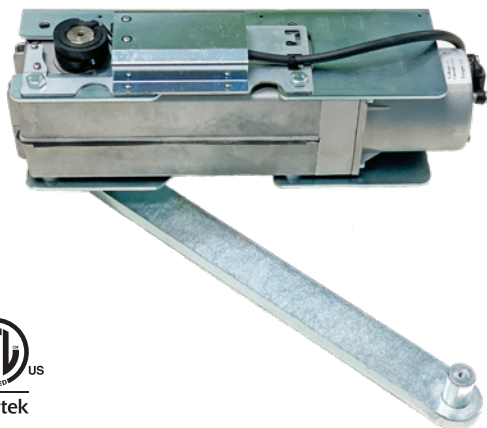
DIMENSIONS



○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○



ETL US LISTED
Intertek



- Adaptive motor control
- Built-in thermostat controlled heater
- Built-in voltmeter
- Lightning strike protection
- Multiple power options
- On-board display
- True battery back-up
- UL325 compliant
- Two monitoring inputs w/ up to 4 devices per input
- Adjustable speed control
- Anti-tailgating feature
- Fail secure mode
- Large box option
- Manual release - mechanical
- Multiple power outage options
- Two 4Ah batteries included
- Positive stops included

Maximum Gate Capacity	14 ft at 600 lb
UL 325 Classification	Class I, II, III, IV
Duty Cycle	100%
Operating Voltage	24VDC
Voltage Current Specs	120VAC - 1.5A or 240VAC - 1.0A (each motor)
Main Power Frequency	50Hz / 60Hz
Main Power Fuse	4A Timed
Alternative Power Source	24VAC / VDC (60VA) or Solar
Accessory Power	24VDC - 750mA
Power Consumption - Sleep	28mA
Motor Current (Typical)	2.0A
Operating Temperature	-20°F (-28°C) to 131°F (55°C)
Opening Angle	120°
Gate Speed	10-13 sec./90°
Battery Backup	400 Continuous Cycles

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
X390 Swing Gate Operator Single Kit	71 lb	VA-X390SLK	\$3,383
X390 Swing Gate Operator Dual Kit	116 lb	VA-X390DLK	\$5,559
X390 Swing Gate Operator - Operator Only	38 lb	VA-X390	\$2,076

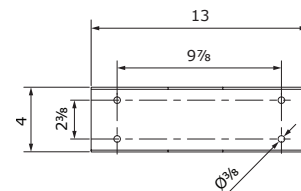
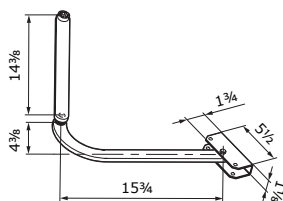
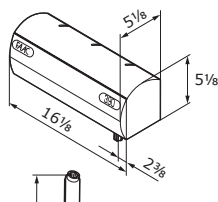
VA-X390SLK X390 SWING GATE OPERATOR SINGLE KIT CONTAINS:

QTY	PART NUMBER	DESCRIPTION
1	VA-X390	X390 Swing Gate Operator
1	VA-ECUS2	ECU Single
1	FA-XR2C	433 Mhz Receiver
2	FA-XT4RC	433 Mhz RC Transmitter
1	FA-XP30-10K	Photocell 10K Resistor
2	FA-XP30AC	Photocell adapter

VA-X390DLK X390 SWING GATE OPERATOR DUAL KIT CONTAINS:

QTY	PART NUMBER	DESCRIPTION
2	VA-X390	X390 Swing Gate Operator
1	VA-ECUD2	ECU Dual
1	FA-XR2C	433 Mhz Receiver
2	FA-XT4RC	433 Mhz RC Transmitter
1	FA-XP30-10K	Photocell 10K Resistor
2	FA-XP30AC	Photocell adapter
1	DJBK	Junction box
40	VA-CB16	6 conductor cable , 16 AWG shielded

DIMENSIONS



ACCESSORIES

Description	Part Number	Price
Viking Monitor	VA-18MONITOR	\$127
Radio Antenna Kit	VARAK	\$41
Viking Konnect - Wireless Dual Leaf	VA-KONNECT-MS	\$865
Viking Surge Protection	VA-SURGEPROAC	\$92
Antenna Extension Cable	VA-RPSMA	\$131
Solar Package (for 24 Volt Gate Operators)	VA-SOCHP	\$2,216
Includes: (2) VA-SO40W Solar Panel, (1) SOCHR10 Solar Charger, (1) SOHAR Solar Harness, (2) DUBA35 Battery 12V 35Ah		
Solar Panel 12V/40W	VA-SO40W	\$700
Solar Charger 10 Amp (24V)	SOCHR10	\$476
Solar Harness	SOHAR	\$99
Battery 12V 35 amp	DUBA35	\$366
Articulated arm assembly - Steel	FA-7387051	\$420
Modular Power Box Assembly	VNXMPB	\$612
ECU Big Box Single Leaf (*motor connector required)	VA-ECUBS1	\$1,341
ECU Big Box Dual Leaf (*motor connector required)	VA-ECUBD1	\$1,545
Accessory Kit Swinger	VA-ACKSWING	\$537
Includes: (1) FA-XP30-10K Photocell, (2) FA-XP30AC Photocell Conduit Adapters, (1) FA-XR2C Receiver, (2) FA-XT4RC Transmitters		

RESIDENTIAL
COMMERCIAL

- Adaptive motor control
- Built-in thermostat controlled heater
- Built-in voltmeter
- Lightning strike protection
- Multiple power options
- On-board display
- True battery back-up
- UL325 compliant
- Two monitoring inputs w/ up to 4 devices per input
- Adjustable speed control
- Anti-tailgating feature
- Fail secure mode
- Large box option
- Manual release - mechanical
- Multiple power outage options
- Positive stop limits

Maximum Gate Capacity	12 ft at 650 lb
UL 325 Classification	Class I, II, III, IV
Duty Cycle	100%
Operating Voltage	24VDC
Voltage Current Specs	120VAC - 1.5A or 240VAC - 1.0A (each motor)
Main Power Frequency	50Hz / 60Hz
Main Power Fuse	4A Timed
Alternative Power Source	24VAC / VDC (60VA) or Solar
Accessory Power	24VDC - 750mA
Power Consumption - Sleep	28mA
Motor Current (Typical)	3.0A
Operating Temperature	-20°F (-28°C) to 131°F (55°C)
Opening Angle	110°
Gate Speed	13-15 sec./90°
Battery Backup	400 Continuous Cycles

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
I770 Underground Swing Gate Operator Single Kit - Steel	92 lb	VA-I770SLK	\$3,621
I770 Underground Swing Gate Operator Dual Kit - Steel	175 lb	VA-I770DLK	\$5,954
I770 Underground Swing Gate Operator Single Kit - Stainless Steel	92 lb	VA-I770SLK-SS	\$3,937
I770 Underground Swing Gate Operator Dual Kit - Stainless Steel	175 lb	VA-I770DLK-SS	\$6,777
I770 Underground Swing Gate Operator- Operator Only - Steel	59 lb	VA-I770	\$2,273
I770 Underground Swing Gate Operator- Operator Only - Stainless Steel	59 lb	VA-I770S	\$2,598

VA-I770SLK(-SS) I770 UNDERGROUND SWING GATE OPERATOR SINGLE KIT CONTAINS:

QTY	PART NUMBER	DESCRIPTION
1	VA-I770 or VA-I770S	Inground Swing Gate Operator
1	VA-ECUS2	ECU Single
1	FA-XR2C	433 Mhz Receiver
2	FA-XT4RC	433 Mhz RC Transmitter
1	FA-XP30-10K	Photocell 10K Resistor
2	FA-XP30AC	Photocell adapter

VA-I770DLK(-SS) I770 UNDERGROUND SWING GATE OPERATOR DUAL KIT CONTAINS:

QTY	PART NUMBER	DESCRIPTION
2	VA-I770 or VA-I770S	Inground Swing Gate Operator
1	VA-ECUD2	ECU Dual
1	FA-XR2C	433 Mhz Receiver
2	FA-XT4RC	433 Mhz RC Transmitter
1	FA-XP30-10K	Photocell 10K Resistor
2	FA-XP30AC	Photocell adapter
1	DJBK	Junction box
40	VA-CB16	6 conductor Cable , 16 AWG shielded

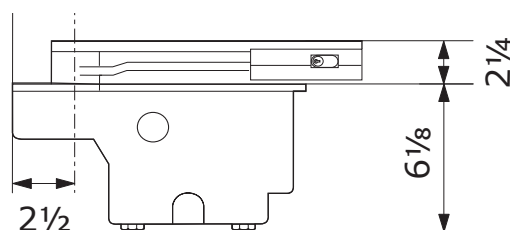
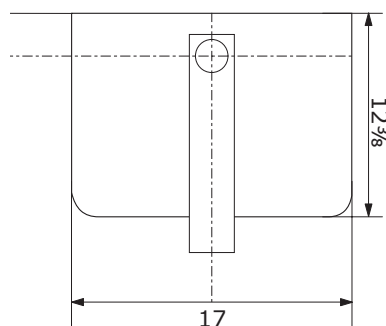
VA-I770 UNDERGROUND SWING GATE OPERATOR CONTAINS:

QTY	PART NUMBER	DESCRIPTION
1	FA-10675315	I770 Drive Unit
1	FA-490065	I770 Foundation Box
1	FA-722121	I770 Open Positive Stop
1	FA-722122	I770 Close Positive Stop

VA-I770S UNDERGROUND SWING GATE OPERATOR CONTAINS:

QTY	PART NUMBER	DESCRIPTION
1	FA-10675315	I770 Drive Unit
1	FA-490110	I770 SS Foundation Box
1	FA-722121	I770 Open Positive Stop
1	FA-722122	I770 Close Positive Stop

DIMENSIONS



ACCESSORIES

Description	Part Number	Price
Viking Monitor	VA-18MONITOR	\$127
Radio Antenna Kit	VARAK	\$41
Viking Konnect - Wireless Dual Leaf	VA-KONNECT-MS	\$865
Viking Surge Protection	VA-SURGEPROAC	\$92
Loop Rack	VA-LR	\$119
Antenna Extension Cable	VA-RPSMA	\$131
Solar Package (for 24 Volt Gate Operators)	VA-SOCHP	\$2,216
Includes: (2) VA-SO40W Solar Panel, (1) SOCHR10 Solar Charger, (1) SOHAR Solar Harness, (2) DUBA35 Battery 12V 35Ah		
Solar Panel 12V/40W	VA-SO40W	\$700
Solar Charger 10 Amp (24V)	SOCHR10	\$476
Solar Harness	SOHAR	\$99
Battery 12V 35 amp	DUBA35	\$366
Modular Power Box Assembly	VNXMPB	\$612
ECU Big Box Single Leaf (*motor connector required)	VA-ECUBS1	\$1,341
ECUBig Box Dual Leaf (*motor connector required)	VA-ECUBD1	\$1,545
Accessory Kit Swinger	VA-ACKSWING	\$537
Includes: (1) FA-XP30-10K Photocell, (2) FA-XP30AC Photocell Conduit Adapters, (1) FA-XR2C Receiver, (2) FA-XT4RC Transmitters		

THIS PAGE LEFT INTENTIONALLY BLANK

ECU

ELECTRONIC CONTROL UNIT ○ ○ ○ ○ ○ ○ ○ ○



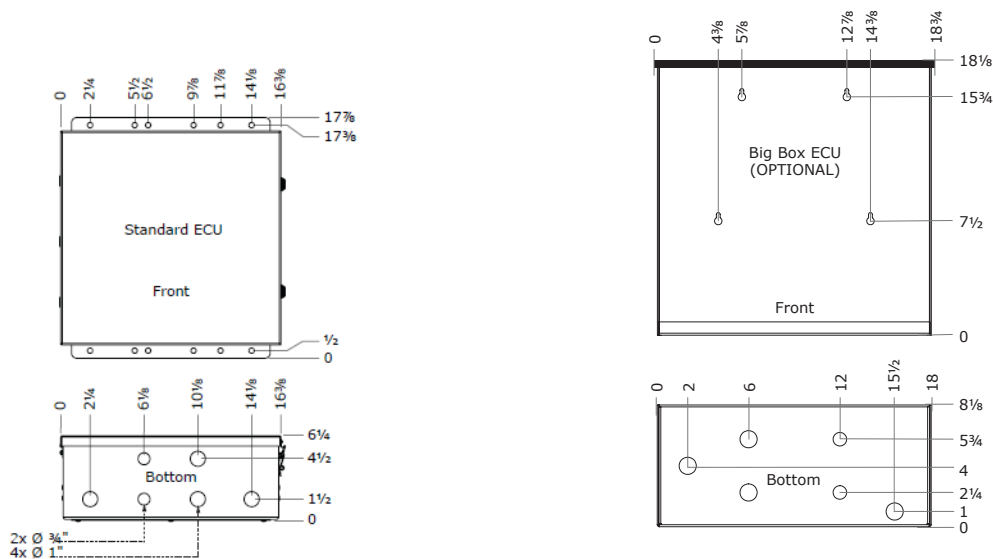
- UL 325 compliant
- Two monitoring inputs w/ up to 4 devices per input
- On board display
- Built-in voltmeter
- Lightning strike protection
- 120V, 220V, or low voltage or solar power option
- Adaptive motor control
- Adjustable speed control
- Anti-tailgating feature
- True battery back-up
- Built-in thermostat-controlled heater
- Two 4Ah batteries included
- 120V receptacle
- Big box option
- Enclosure:
- Aluminum construction
- Powder coated
- Post mount options built-in
- Pre-punched holes for conduit
- Padlock latch
- IP54 ingress protection

TECHNICAL SPECIFICATIONS

Compatible Models	X390, I770
Duty Cycle	100%
Operating Voltage	24VDC
Voltage Current Specs	120VAC - 1.5A or 240VAC - 1.0A (each motor)
Main Power Frequency	50Hz / 60Hz
Main Power Fuse	4A Timed
Alternative Power Source	24VAC / VDC (60VA) or Solar
Accessory Power	24VDC - 750mA
Power Consumption - Sleep	30mA
Power Consumption - Sleep	34mA
Operating Temperature	-20°F (-28°C) to 131°F (55°C)
Dimensions Standard Box (L x D x H)	16.375 x 6.25 x 17.875 in
Dimensions Big Box (L x D x H)	18.75 x 8.125 x 18.2 in

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
ECU SINGLE (motor connector included)	32 lb	VA-ECUS2	\$1,225
ECU DOUBLE (motor connector included)	40 lb	VA-ECUD2	\$1,412
ECU BIG BOX SINGLE (motor connector included)	35 lb	VA-ECUBS1	\$1,341
ECU BIG BOX DOUBLE (motor connector included)	40 lb	VA-ECUBD1	\$1,545

DIMENSIONS





SLIDE GATE OPERATORS



Operator	Residential	Commercial
K2	X	
L3	X	X
H10	X	X

K-2

SLIDE GATE OPERATOR



RESIDENTIAL



- Adaptive motor control
- Built-in thermostat controlled heater
- Built-in voltmeter
- Lightning strike protection
- Multiple power options
- On-board display
- True battery back-up
- UL325 compliant
- Two monitoring inputs w/ up to 4 devices per input
- 120VAC outlet provided
- Adjustable speed control
- Anti-tailgating feature
- NEW: Smart Positioning System
- Fail secure mode
- Fail safe mode
- Lockable cover
- Manual release - electronic
- Multiple power outage options
- Two 4Ah batteries included
- Chassis with post mount provisions

TECHNICAL SPECIFICATIONS

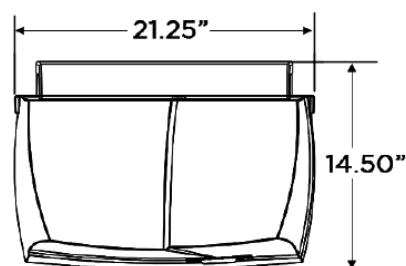
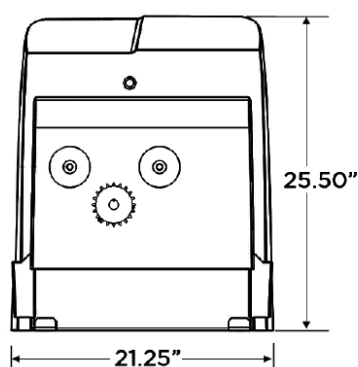
Maximum Gate Capacity	30 ft at 700 lb
UL 325 Classification	Class I
Duty Cycle	100%
Operating Voltage	24VDC
Main Power Source	120VAC - 1.5A or 240VAC - 1.0A
Main Power Frequency	50Hz / 60Hz
Main Power Fuse	4A Timed
Alternative Power Source	24VAC / VDC (60VA) or Solar
Accessory Power	24VDC - 750mA
Power Consumption - Idle	75mA
Motor Current (Typical)	5.0A
Operating Temperature	-20°F (-28°C) to 160°F (71°C)
Gate Speed	12 in./sec.
Battery Backup	100 Continuous Cycles

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
K2 Slide Gate Operator Kit	102 lb	VA-K2SPSSLK	\$3,306
K2 Slide Gate Operator - Operator Only	100 lb	VA-K2SPS	\$2,811
Note: Operator includes 25' #40 nickel plated chain with chain bolts			

VA-K2SLK SLIDE GATE OPERATOR KIT CONTAINS:

QTY	PART NUMBER	DESCRIPTION
1	VA-K2SPS	K2 Slide Gate Operator w/SPS
1	FA-XR2C	433 Mhz Receiver
2	FA-XT4RC	433 Mhz RC Transmitter
2	FA-XP30-10K	Photocell 10K Resistor
4	FA-XP30AC	Photocell adapter

DIMENSIONS



ACCESSORIES

Description	Part Number	Price
Viking Monitor	VA-18MONITOR	\$127
Viking Konnect - Wireless Dual Leaf	VA-KONNECT-MS	\$865
Viking Surge Protection	VA-SURGEPROAC	\$92
Loop Rack	VA-LR	\$119
Pedestal Kit	VA-PEDLF	\$732
Antenna Extension Cable	VA-RPSMA	\$131
Solar Package (for 24 Volt Gate Operators)	VA-SOCHP	\$2,216
Includes: (2) VA-SO40W Solar Panel, (1) SOCHR10 Solar Charger, (1) SOHAR Solar Harness, (2) DUBA35 Battery 12V 35Ah		
Solar Panel 12V/40W	VA-SO40W	\$700
Solar Charger 10 Amp (24V)	SOCHR10	\$476
Solar Harness	SOHAR	\$99
Battery 12V 35 amp	DUBA35	\$366
Modular Power Box Assembly	VNXMPB	\$612
Accessory Kit Slider	VA-ACKSLIDE	\$910

Includes:
(2) FA-XP30-10K Photocell, (4) FA-XP30AC Photocell Conduit Adapters, (1) FA-XR2C Receiver, (2) FA-XT4RC Transmitters

L-3

SLIDE GATE OPERATOR

RESIDENTIAL
COMMERCIAL



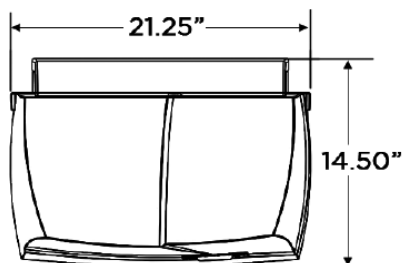
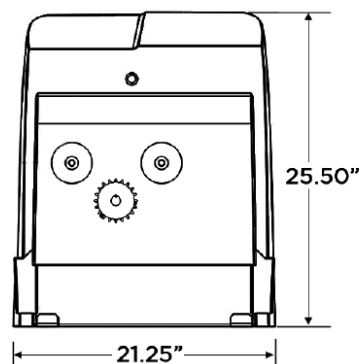
- Adaptive motor control
- Built-in loop rack
- Built-in thermostat controlled heater
- Built-in voltmeter
- Lightning strike protection
- Multiple power options
- On-board display
- True battery back-up
- UL325 compliant
- Two monitoring inputs w/ up to 4 devices per input
- 120VAC outlet provided
- Adjustable speed control
- Anti-tailgating feature
- New: Smart Positioning System
- Fail secure mode
- Fail safe mode
- Lockable cover
- Manual release - electronic
- Multiple power outage options
- Two 6Ah batteries included
- Chassis with post mount provisions

TECHNICAL SPECIFICATIONS

Maximum Gate Capacity	60 ft at 1600 lb
UL 325 Classification	Class I, II, III, IV
Duty Cycle	100%
Operating Voltage	24VDC
Voltage Current Specs	120VAC - 3.0A or 240VAC - 1.5A
Main Power Frequency	50Hz / 60Hz
Main Power Fuse	4A Timed
Alternative Power Source	24VAC / VDC (60VA) or Solar
Accessory Power	24VDC - 750mA
Power Consumption - Idle	75mA
Motor Current (Typical)	6.0A
Operating Temperature	-20°F (-28°C) to 160°F (71°C)
Gate Speed	12 in./sec.
Battery Backup	100 Continuous Cycles

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
L3 Slide Gate Operator	118 lb	VA-L3SPS	\$3,916
Note: Operator includes 25' #40 nickel plated chain with chain bolts			

DIMENSIONS



ACCESSORIES

Description	Part Number	Price
Viking Monitor	VA-18MONITOR	\$127
Viking Konnect - Wireless Dual Leaf	VA-KONNECT-MS	\$865
Viking Surge Protection	VA-SURGEPROAC	\$92
Antenna Extension Cable	VA-RPSMA	\$131
Solar Package (for 24 Volt Gate Operators)	VA-SOCHP	\$2,216
Includes: (2) VA-SO40W Solar Panel, (1) SOCHR10 Solar Charger, (1) SOHAR Solar Harness, (2) DUBA35 Battery 12V 35Ah		
Solar Panel 12V/40W	VA-SO40W	\$700
Solar Charger 10 Amp (24V)	SOCHR10	\$476
Solar Harness	SOHAR	\$99
Battery 12V 35 amp	DUBA35	\$366
Pedestal Kit	VA-PEDLF	\$732
Accessory Kit Slider	VA-ACKSLIDE	\$910
Includes: (2) FA-XP30-10K Photocell, (4) FA-XP30AC Photocell Conduit Adapters, (1) FA-XR2C Receiver, (2) FA-XT4RC Transmitters		

H-10

SLIDE GATE OPERATOR

RESIDENTIAL
COMMERCIAL



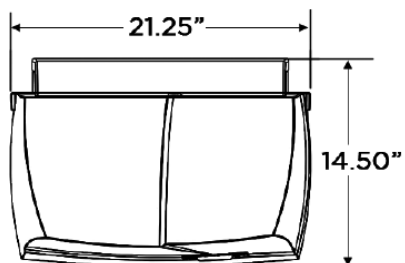
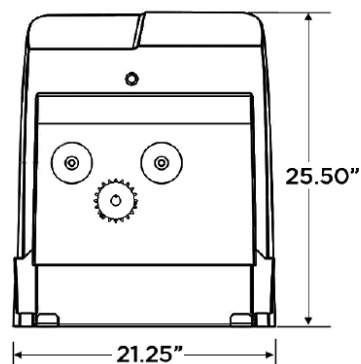
- Adaptive motor control
- Built-in loop rack
- Built-in thermostat controlled heater
- Built-in voltmeter
- Lightning strike protection
- Multiple power options
- On-board display
- True battery back-up
- UL325 compliant
- Two monitoring inputs w/ up to 4 devices per input
- 120VAC outlet provided
- Adjustable speed control
- New: Smart Positioning System
- Fail secure mode
- Fail safe mode
- Lockable cover
- Manual release - electronic
- Multiple power outage options
- Two 6Ah batteries included
- Chassis with post mount provisions

TECHNICAL SPECIFICATIONS

Maximum Gate Capacity	75 ft at 2200 lb
UL 325 Classification	Class I, II, III, IV
Duty Cycle	100%
Operating Voltage	24VDC
Voltage Current Specs	120VAC - 3.0A or 240VAC - 1.5A
Main Power Frequency	50Hz / 60Hz
Main Power Fuse	4A Timed
Alternative Power Source	24VAC / VDC (60VA) or Solar
Accessory Power	24VDC - 750mA
Power Consumption - Idle	75mA
Motor Current (Typical)	7.0A
Operating Temperature	-20°F (-28°C) to 160°F (71°C)
Gate Speed	12 in./sec.
Battery Backup	100 Continuous Cycles

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
H10 Slide Gate Operator	124 lb	VA-H10SPS	\$4,747
Note: Operator includes 25' #40 nickel plated chain with chain bolts			

DIMENSIONS



ACCESSORIES

Description	Part Number	Price
Viking Monitor	VA-18MONITOR	\$127
Viking Konnect - Wireless Dual Leaf	VA-KONNECT-MS	\$865
Viking Surge Protection	VA-SURGEPROAC	\$92
Antenna Extension Cable	VA-RPSMA	\$131
Solar Package (for 24 Volt Gate Operators)	VA-SOCHP	\$2,216
Includes: (2) VA-SO40W Solar Panel, (1) SOCHR10 Solar Charger, (1) SOHAR Solar Harness, (2) DUBA35 Battery 12V 35Ah		
Solar Panel 12V/40W	VA-SO40W	\$700
Solar Charger 10 Amp (24V)	SOCHR10	\$476
Solar Harness	SOHAR	\$99
Battery 12V 35 amp	DUBA35	\$366
Pedestal Kit	VA-PEDLF	\$732
Accessory Kit Slider	VA-ACKSLIDE	\$910

Includes:
(2) FA-XP30-10K Photocell, (4) FA-XP30AC Photocell Conduit Adapters, (1) FA-XR2C Receiver, (2) FA-XT4RC Transmitters



SOLAR GATE OPERATORS



Operator	Residential	Commercial
R6	X	
K2	X	
G5	X	X



SOLAR GATE OPERATOR



RESIDENTIAL



- Adaptive motor control
- Built-in voltmeter
- Lightning strike protection
- Multiple power options
- On-board display
- UL325 compliant
- Two monitoring inputs w/ up to 4 devices per input
- Adjustable speed control
- Anti-tailgating feature
- Fail secure mode
- Fail safe mode
- Manual release - mechanical
- Built-in 3A solar charger

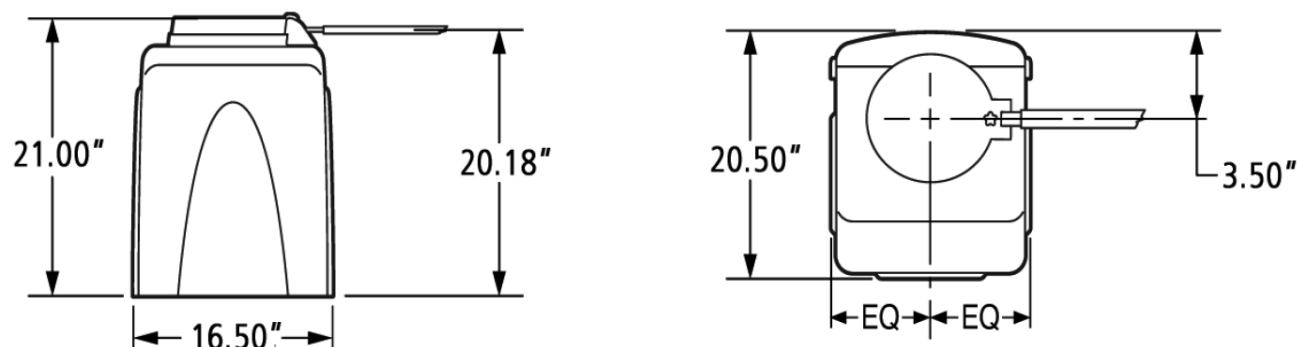
TECHNICAL SPECIFICATIONS

Maximum Gate Capacity	14 ft at 700 lb
UL 325 Classification	Class I
Operating Voltage	24VDC
Main Power Source	SOLAR 12VDC
Accessory Power	24VDC - 750mA
Power Consumption - Sleep	19mA
Motor Current (Typical)	4.0A
Operating Temperature	-4°F (-20°C) to 160°F (71°C)
Opening Angle	120°
Gate Speed	13-16 sec./90°

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
R6 Solar Swing Gate Operator*	110 lb	VA-R6NXSLR	\$2,861

*Battery not included

DIMENSIONS



ACCESSORIES

Description	Part Number	Price
Loop Rack	VA-LR	\$119
Battery 12V 35Ah	DUBA35	\$366
Solar Panel 12V/40w	VA-SO40W	\$700
R6,F1,T21 Pipe Stand	VA-F1PS	\$348
Accessory Kit Swinger	VA-ACKSWING	\$537

Includes:

(1) FA-XP30-10K Photocell, (2) FA-XP30AC Photocell Conduit Adapters, (1) FA-XR2C Receiver, (2) FA-XT4RC Transmitters



SOLAR GATE OPERATOR



RESIDENTIAL



- Adaptive motor control
- Built-in voltmeter
- Lightning strike protection
- Multiple power options
- On-board display
- UL325 compliant
- Adjustable speed control
- Two monitoring inputs w/ up to 4 devices per input
- Anti-tailgating feature
- New: Smart Positioning System
- Fail secure mode
- Fail safe mode
- Lockable cover
- Manual release - electronic
- Built-in 3A solar charger
- Chassis with post mount provisions

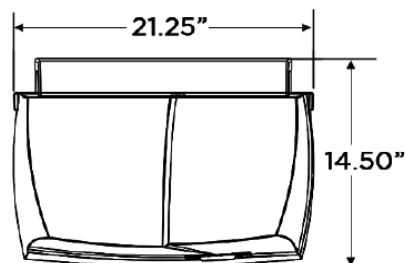
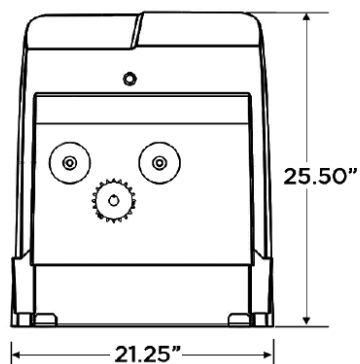
TECHNICAL SPECIFICATIONS

Maximum Gate Capacity	30 ft at 700 lb
UL 325 Classification	Class I
Duty Cycle	100%
Operating Voltage	24VDC
Main Power Source	SOLAR 12VDC
Accessory Power	24VDC - 750mA
Power Consumption - Sleep	19mA
Motor Current (Typical)	5.0A
Operating Temperature	-4°F (-20°C) to 160°F (71°C)
Gate Speed	12 in./sec.

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
K2 Solar Slide Gate Operator*	80 lb	VA-K2SPSSLR	\$2,714

*Battery not included

DIMENSIONS



ACCESSORIES

Description	Part Number	Price
Loop Rack	VA-LR	\$119
Pedestal Kit	VA-PEDLF	\$732
Battery 12V 35Ah	DUBA35	\$366
Solar Panel 12V/40w	VA-SO40W	\$700
Accessory Kit Slider	VA-ACKSLIDE	\$910

Includes:

(2) FA-XP30-10K Photocell, (4) FA-XP30AC Photocell Conduit Adapters, (1) FA-XR2C Receiver, (2) FA-XT4RC Transmitters



SOLAR GATE OPERATOR



RESIDENTIAL
COMMERCIAL



- Adaptive motor control
- Built-in voltmeter
- Lightning strike protection
- On-board display
- UL325 compliant
- Adjustable speed control
- Two monitoring inputs w/
- up to 4 devices per input
- (Optional) Large box with 120 V outlet
- Anti-tailgating feature
- Fail secure mode
- Fail safe mode
- Large box option
- Lockable cover
- Manual release - electronic
- Built-in 3A solar charger

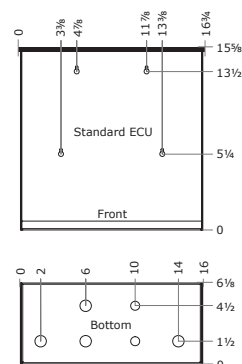
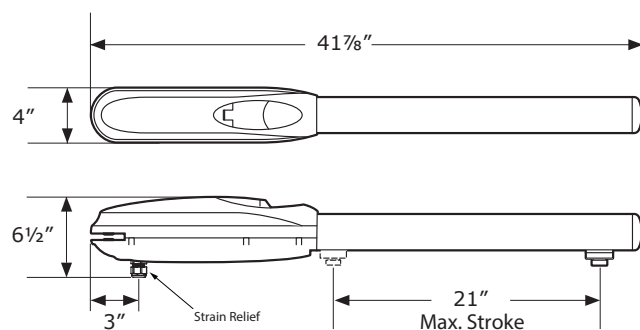
TECHNICAL SPECIFICATIONS

Maximum Gate Capacity	16 ft at 1000 lb
UL 325 Classification	Class I
Operating Voltage	24VDC
Main Power Source	SOLAR 12VDC
Accessory Power	24VDC - 750mA
Power Consumption - Sleep	19mA
Motor Current (Typical)	3.0A
Operating Temperature	-4°F (-20°C) to 160°F (71°C)
Opening Angle	135°
Gate Speed	14-16 sec./90°

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
G5 Solar Swing Gate Operator*	33 lb	VA-G5NXSLR	\$1,881

*Battery not included

DIMENSIONS



ACCESSORIES

Description	Part Number	Price
Loop Rack	VA-LR	\$119
Battery 12V 35Ah	DUBA35	\$366
Solar Panel 12V/40w	VA-SO40W	\$700
G5 Post Mount Kit	VA-G5PSKT	\$297
G5 Solar Big ECU - Single Leaf	VA-ECUBSNXSLR	\$1,055
G5 Solar Big ECU - Dual Leaf	VA-ECUBMSNXSLR	\$1,193
Accessory Kit Swinger	VA-ACKSWING	\$537

Includes:

(1) FA-XP30-10K Photocell, (2) FA-XP30AC Photocell Conduit Adapters, (1) FA-XR2C Receiver, (2) FA-XT4RC Transmitters

ECU SOLAR ELECTRONIC CONTROL UNIT



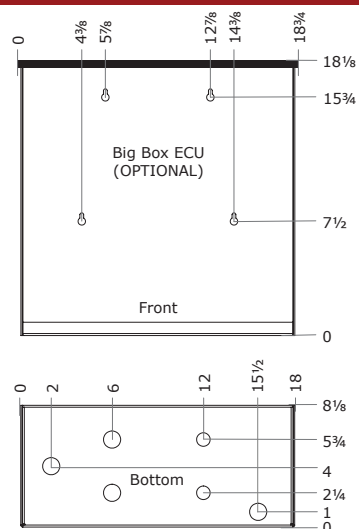
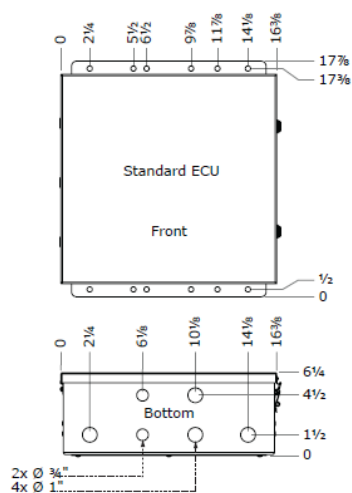
- UL 325 compliant
- Two monitoring inputs w/ up to 4 devices per input
- On board display
- Built-in voltmeter
- Lightning strike protection
- 12V Solar panel input
- 12V Battery charger
- Solar panel switch
- Battery switch
- Sleep mode
- Adaptive motor control
- Adjustable speed control
- Anti-tailgating feature
- Built-in 3A solar charge regulator
- Big box can hold a 35Ah battery
- Enclosure:
- Aluminum construction
- Powder coated
- Post mount options built-in
- Pre-punched holes for conduit
- Padlock latch
- IP54 certified ingress protection

TECHNICAL SPECIFICATIONS

Compatible Models	G5 Solar
Operating Voltage	24VDC
Main Power Fuse	4A Timed
Power Source	SOLAR 12VDC
Accessory Power	24VDC - 750mA
Power Consumption Single - Sleep	19mA
Power Consumption Dual - Sleep	23mA
Motor Current (Typical)	2.0A
Operating Temperature	-4°F (-20°C) to 160°F (71°C)
Dimensions Standard Box (L x D x H)	16.375 x 6.25 x 17.875 in
Dimensions Big Box (L x D x H)	18.75 x 8.125 x 18.2 in

MODEL	SHIPPING WEIGHT	PART NO.	LIST PRICE
G5 - Solar ECU Single Leaf	20 lb	VA-EXUSNXSLR2	\$986
G5 - Solar ECU Dual Leaf	27 lb	VA-ECUMSNXSLR2	\$1,090
G5 - Solar ECU Big Single Leaf	22 lb	VA-ECUBSNXSLR	\$1,055
G5 - Solar ECU Big Dual Leaf	28 lb	VA-ECUBMSNXSLR	\$1,193

DIMENSIONS





ACCESSORIES



ACCESSORY KIT COMPONENTS ○ ○ ○ ○ ○

PHOTOCELLS & ADAPTER



Voltage Supply	12-24 VAC / VDC
Operating Current Transmitter	20mA
Operating Current Receiver	30mA
Technology	Modulated infrared light - 4 separate channels
Ambient Operating Temperature	4°F to 131°F (-20 °C to +55°C)
LED beam angle	±7° @ 65 ft (20m) ±13.5° @ 16 ft (5 m)
Max Range	100 ft (30 m)
Output NO/NC relay 1A - 120V	NO/NC relay 1A - 120V
Protection Class	IP54
Monitoring Type	10K resistor
Mounting	Optional conduit adapter

Description	Part No.	Price
Photocell 10K Resistor	FA-XP30-10K	\$314
Photocell adapter for conduit connection	FA-XP30AC	\$30

TRANSMITTER



XT4 433 RC Transmitter 4 channels

Rolling code: the code varies whenever the transmitter is used.
An algorithm recognizes and confirms the signal.
Dimensions: 2 x 2.5 x 0.5 in (50 x 64 x 13 mm)

Description	Part No.	Price
433 Mhz RC Transmitter	FA-XT4RC	\$35

RECEIVER



External Receiver: Receiver and interface in a outdoor use enclosure. Relay output for connection to any type of controller. Rolling code technology

Description	Part No.	Price
2-Channel external receiver 433 MHz	FA-XR2C	\$92

ACCESSORY KITS

Description	Part No.	Price
Accessory Kit Swinger	VA-ACKSWING	\$537
INCLUDES:		
Description	Part No.	QTY
PHOTOCELL 10K RESISTOR	FA-XP30-10K	1
PHOTOCELL ADAPTERS	FA-XP30AC	2
433 MHZ RECEIVER	FA-XR2C	1
433 Mhz RC TRANSMITTER	FA-XT4RC	2

Description	Part No.	Price
Accessory Kit Slider	VA-ACKSLIDE	\$910
INCLUDES:		
Description	Part No.	QTY
PHOTOCELL 10K RESISTOR	FA-XP30-10K	2
PHOTOCELL ADAPTERS	FA-XP30AC	4
433 MHZ RECEIVER	FA-XR2C	1
433 Mhz RC TRANSMITTER	FA-XT4RC	2

OTHER ACCESSORIES



VIKING MONITOR



The Viking MonitorApp will allow you to wirelessly open/close your gate remotely. With one touch you are able to view all operator history, diagnostics, real time data. Save all of your operators data with the Cloud and/or a USB. The Viking Monitor App will easily interface to your Android/Apple mobile devices with a simple download of the application from your App Store.

Network Specifications	802.11 b/g/n 2.4 GHz
Supported Security Protocols	WEP, WPA, and WPA2 (including WPA2-PSK-AES)
Current	150mA
Dimensions	4.02" base without antenna / 5.542" with antenna Cable is 22.75" long

Description	Part No.	Price
Viking Monitor	VA-18MONITOR	\$127

VIKING KONNECT



The Viking Wireless Konnect will allow you to operate a primary/secondary gate without trenching or wiring permits. The wireless communication system has a range of up to 100 feet with simple plug and play connectivity.

Bluetooth Range	100 ft
Compatibility	VFlex board
Frequency	2.48 GHz

Description	Part No.	Price
Viking Konnect	VA-KONNECT-MS	\$865

MORE ACCESSORIES



Viking Surge Protection

Part number	VA-SURGEPROAC
Price	\$92



Loop Rack

Part number	VA-LR
Price	\$119



Pedestal Kit
Raises the operator by 12"

Part number	VA-PEDLF
Price	\$732



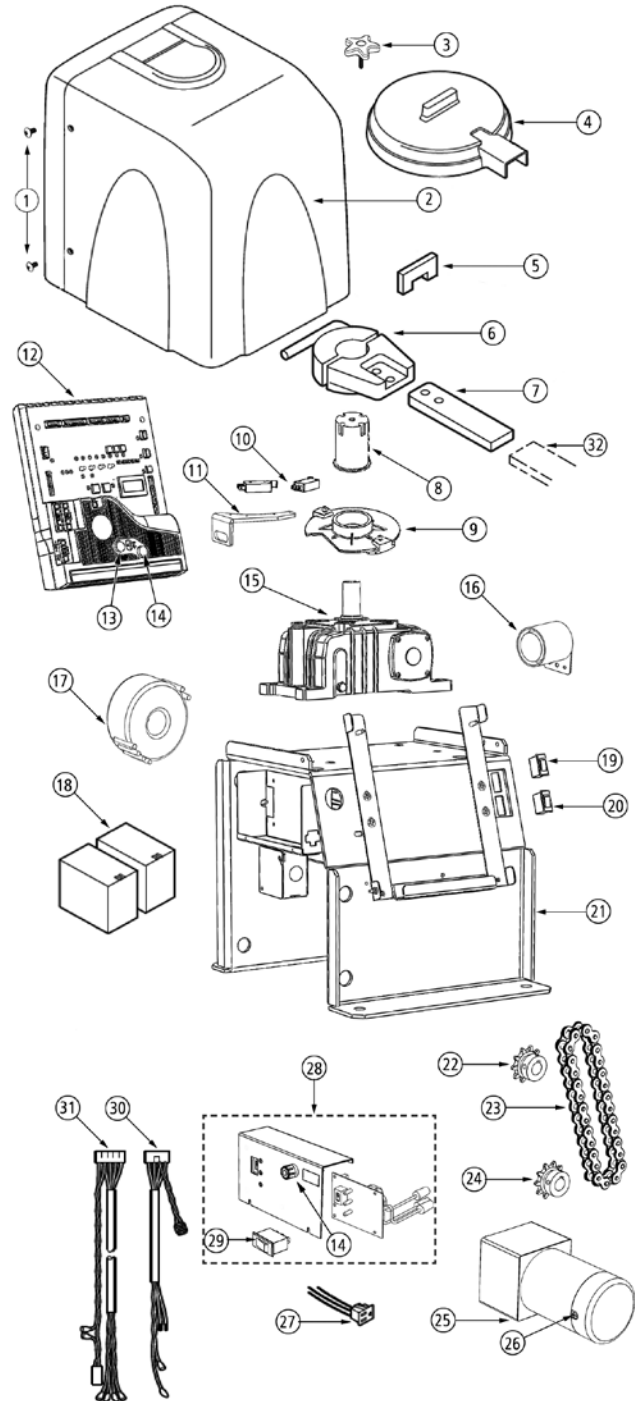
EXPLODED DIAGRAMS & SPARE PARTS





PARTS DIAGRAM:

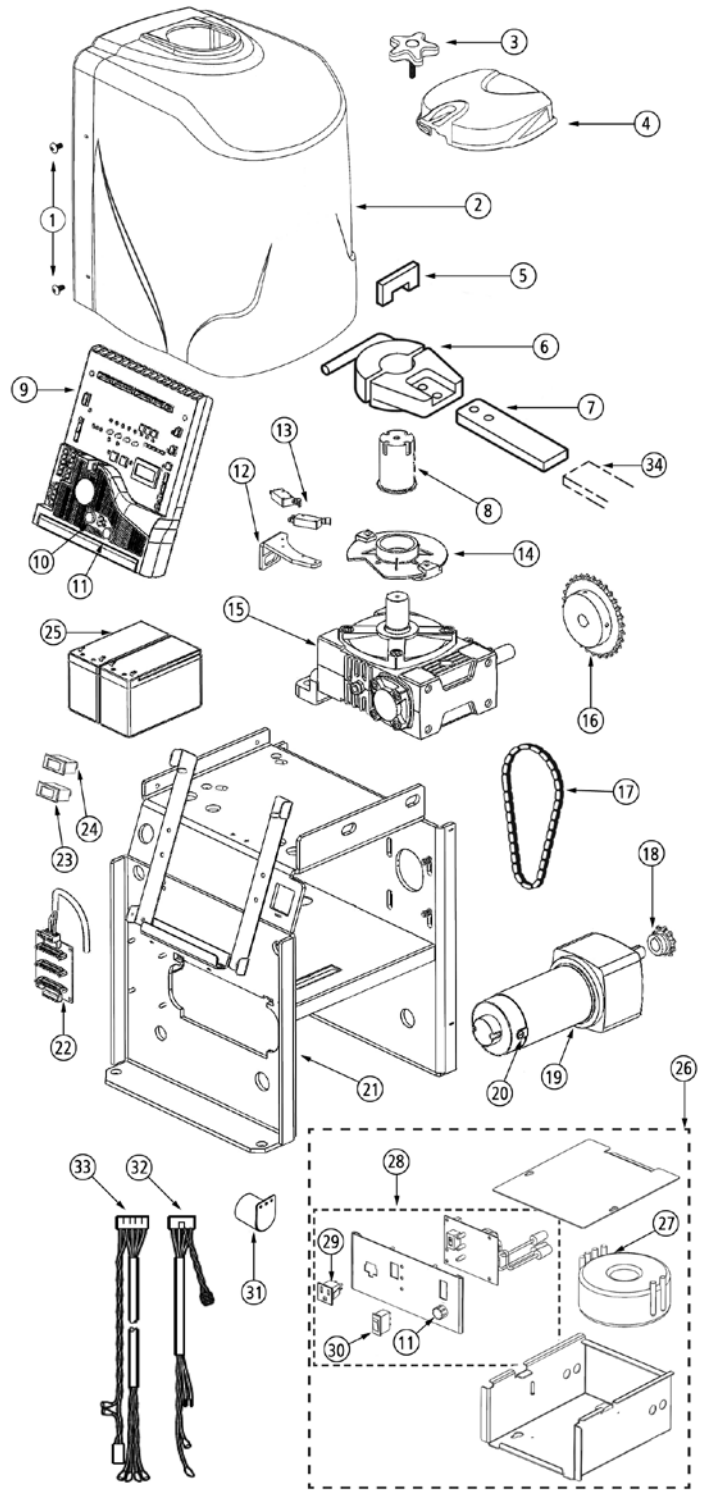
Item	Description	Part No.	List Price
1	Operator Cover Bolt (4)	VASWCB	\$21
2	Operator Cover	VAR6CO20	\$377
3	Output Shaft Knob	DWOUK10	\$17
4	Output Shaft Cover	DWOC20	\$32
5	Clutch Key	VAWRCK20	\$16
6	Clutch and Handle	DWCL20	\$393
7	Output Arm	DWAR20	\$76
8	Output Shaft	R6OPS20	\$139
9	Limit Cam & Holder	DWLC10B	\$72
10	Limit Switch (2)	DULS10	\$21
11	Limit Switch Holder	DWLH10	\$60
12	Control Board	VFLEXPCBU18	\$958
13	Fuse - 15 amp	VNXF15A	\$5
14	Fuse - 4 amp	VNXF4A	\$4
15	Worm Gear #60 Ratio 30:1	R6GB60	\$436
16	Alarm	DUAL10	\$32
17	Toroid Transformer - 10 amp	DUTT10	\$337
18	Battery	DUBB12	\$60
19	Motor Switch	DUMRS10	\$14
20	Battery Switch	DUMRS10	\$14
21	Chassis	VNXR6CH	\$534
22	Sprocket (Gearbox)	VASP1034	\$50
23	Chain #40x38 Pitches	R6CHN40	\$17
24	Sprocket (Motor)	VASP1058	\$50
25	24V DC Gearhead Motor	VAR6MO	\$1,287
26	Brush Kit	VAMBK	\$79
27	120V Receptacle	VA120PL	\$32
28	Power Supply Panel Assembly	VNXR6PSPA	\$394
29	Main Power Switch	DUMRS10	\$14
30	Power Harness	VNXR6PH	\$67
31	Limit Switch Harness	VNXR6LSH	\$55
32	Multi-Part Arm Assembly	VA-F1ARM20	\$218





PARTS DIAGRAM:

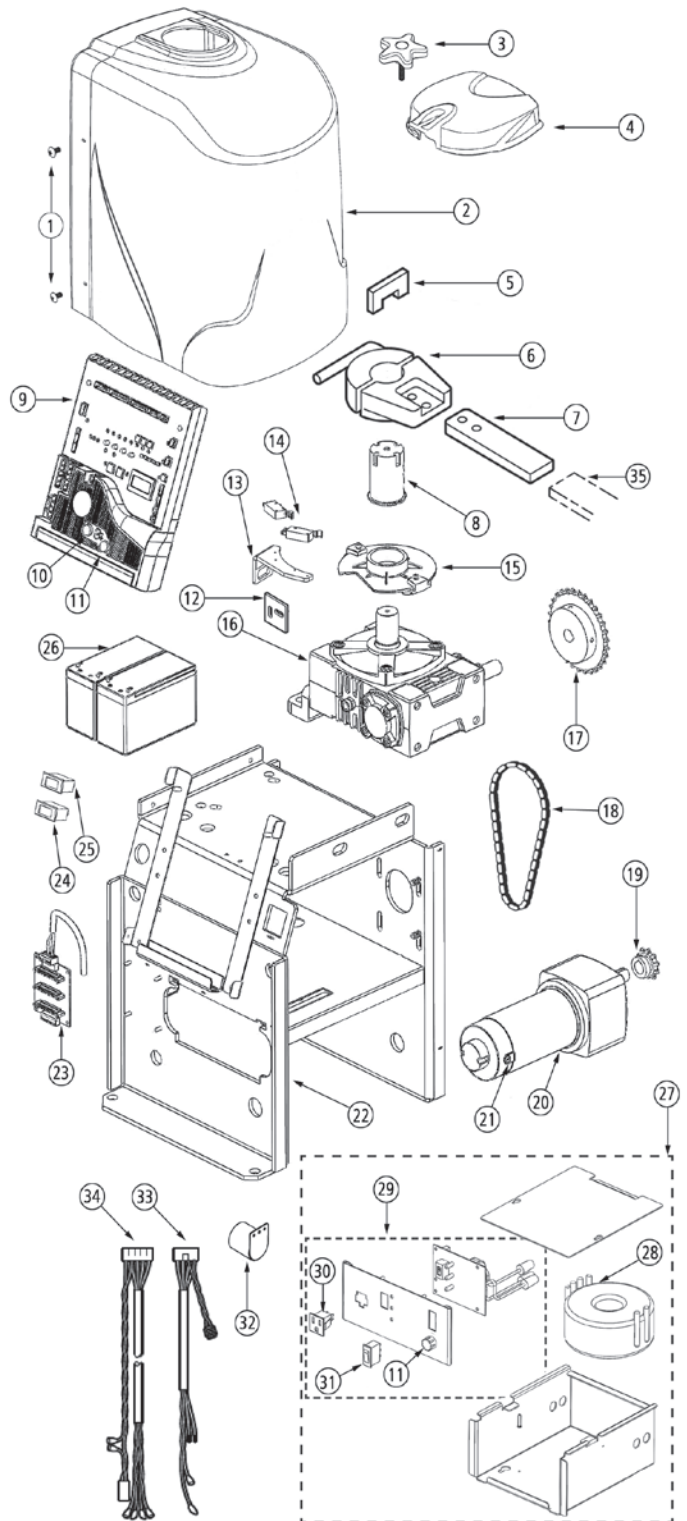
Item	Description	Part No.	List Price
1	Operator Cover Bolt (4)	VASWCB	\$21
2	Operator Cover	VNXF1CV	\$638
3	Output Shaft Knob	DWOUK10	\$17
4	Output Shaft Cover	VNXSWOSC	\$104
5	Clutch Key	VAWRCK20	\$16
6	Clutch and Handle	DWCL20	\$393
7	Output Arm	DWAR20	\$76
8	Output Shaft	DWOP20	\$139
9	Control Board	VFLEXPCBU18	\$958
10	Fuse - 15 amp	VNXF15A	\$5
11	Fuse - 4 amp	VNXF4A	\$4
12	Limit Switch Holder	DWLH10	\$60
13	Limit Switch (2)	DULS10	\$21
14	Limit Cam & Holder	DWLC10B	\$72
15	Worm Gear #70 10:1	DWGB70	\$436
16	Sprocket (Gearbox)	VASP3034	\$50
17	Chain #40x46 Pitches	DWCA10	\$17
18	Sprocket (Motor)	VASP1034	\$50
19	24V DC Gearhead Motor	VAF1MO	\$891
20	Brush Kit	VAMBK	\$79
21	Chassis	VNXF1CH	\$910
22	Loop Rack	VA-LR	\$119
23	Battery Switch	DUMRS10	\$14
24	Motor Switch	DUMRS10	\$14
25	Battery	DUBA12	\$60
26	Modular Power Box Assembly	VNXMPB	\$612
27	Toroid Transformer - 10 amp	DUTT10	\$337
28	Power Box Panel Assembly	VNXUPBPA	\$346
29	120V Receptacle	VA120PL	\$32
30	Main Power Switch	DUMRS10	\$14
31	Alarm	DUAL10	\$32
32	Power Harness	VNXSWPH	\$67
33	Limit Switch Harness	VNXF1LSH	\$55
34	Multi-Part Arm Assembly (Standard)	VA-F1ARM20	\$218
Option	Swivel Arm Assembly (for inclines up to 10°)	VAF1SWL20	\$337



T-21

PARTS DIAGRAM:

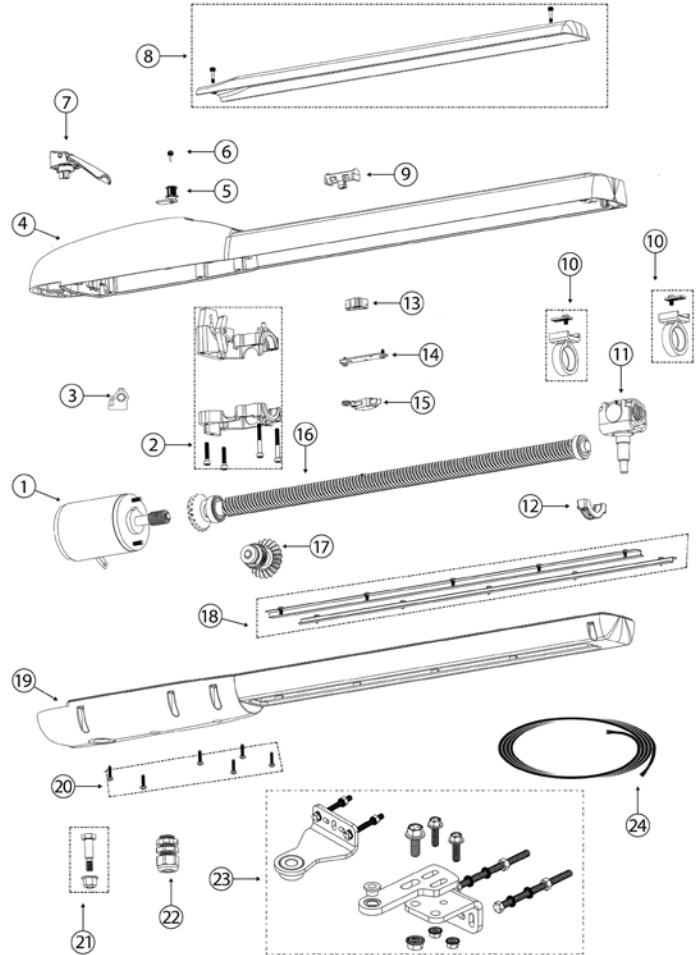
Item	Description	Part No.	List Price
1	Operator Cover Bolt (4)	VASWCB	\$21
2	Operator Cover	VNXT21CV	\$638
3	Output Shaft Knob	DWOUK10	\$17
4	Output Shaft Cover	VNXSWOSC	\$104
5	Clutch Key	VAWRCK20	\$16
6	Clutch and Handle	DWCL20	\$393
7	Output Arm	DWAR20	\$76
8	Output Shaft	T21OP20	\$139
9	Control Board	VFLEXPCBU18	\$958
10	Fuse - 15 amp	VNXF15A	\$5
11	Fuse - 4 amp	VNXF4A	\$4
12	Limit Switch Bracket	T21LH	\$32
13	Limit Switch Holder	DWLH10	\$60
14	Limit Switch (2)	DULS10	\$21
15	Limit Cam & Holder	DWLC10B	\$72
16	Worm Gear #80 30:1	T21GB80	\$648
17	Sprocket (Gearbox)	T21SP2034	\$41
18	Chain #50x36 Pitches	T21CH50	\$36
19	Sprocket (Motor)	T21SP153/4	\$41
20	24V DC Gearhead Motor	VAT21MO	\$1,129
21	Brush Kit	VAMOBK	\$79
22	Chassis	VNXF1CH	\$910
23	Loop Rack	VA-LR	\$119
24	Battery Switch	DUMRS10	\$14
25	Motor Switch	DUMRS10	\$14
26	Battery	DUBA12	\$60
27	Modular Power Box Assembly	VNXMPB	\$612
28	Toroid Transformer - 15 amp	DUTT15	\$428
29	Power Box Panel Assembly	VNXUPBPA	\$346
30	120V Receptacle	VA120PL	\$32
31	Main Power Switch	DUMRS10	\$14
32	Alarm	DUAL10	\$32
33	Power Harness	VNXSWPH	\$67
34	Limit Switch Harness	VNXT21LSH	\$55
35	Multi-Part Arm Assembly (Standard)	VA-F1ARM20	\$218
Option	Swivel Arm Assembly (for up to 10°)	VAF1SWL20	\$337



E-4

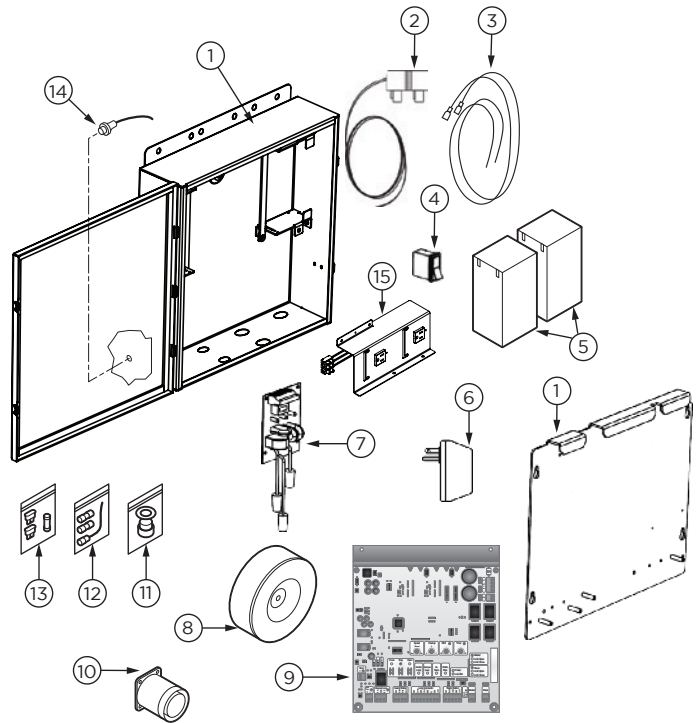
PARTS DIAGRAM:

Item	Description	Part No.	List Price
1	Motor (24 VDC)	E4MO	\$232
2	Gearbox Chassis	E4GBC	\$143
3	Grease Cup	E4GGC	\$13
4	Casing Upper	E4CU	\$239
5	Lock & Keys, Manual Release	E4LMR	\$19
6	Key, Manual Release	E4KEY	\$13
7	Handle, Manual Release	E4HMR	\$39
8	Access Cover	E4AC	\$119
9	Level Assembly	E4LA	\$16
10	Limit Positive Stop	E4LPS	\$113
11	Carrier Assembly	E4CA	\$139
12	Bearing Cap	E4BC	\$16
13	Cam, Manual Release	E4CMR	\$28
14	Plate, Manual Release	E4PMR	\$16
15	Switch, Manual Release	E4SMR	\$55
16	Leadscrew Assembly	E4LSA	\$318
17	Gear Drive Assembly	E4GDA	\$268
18	Dust Brush Set (optional)	E4DB	\$160
19	Casing Lower	E4CL	\$193
20	Casing Mounting Bolts	E4CMB	\$28
21	Mounting Hardware, Back	E4MHB	\$41
22	Strain Relief	E4SR	\$15
23	Mounting Bracket Kit	VE4MBK	\$160
24	2 Conductor Cable	VA-2CB16	\$5

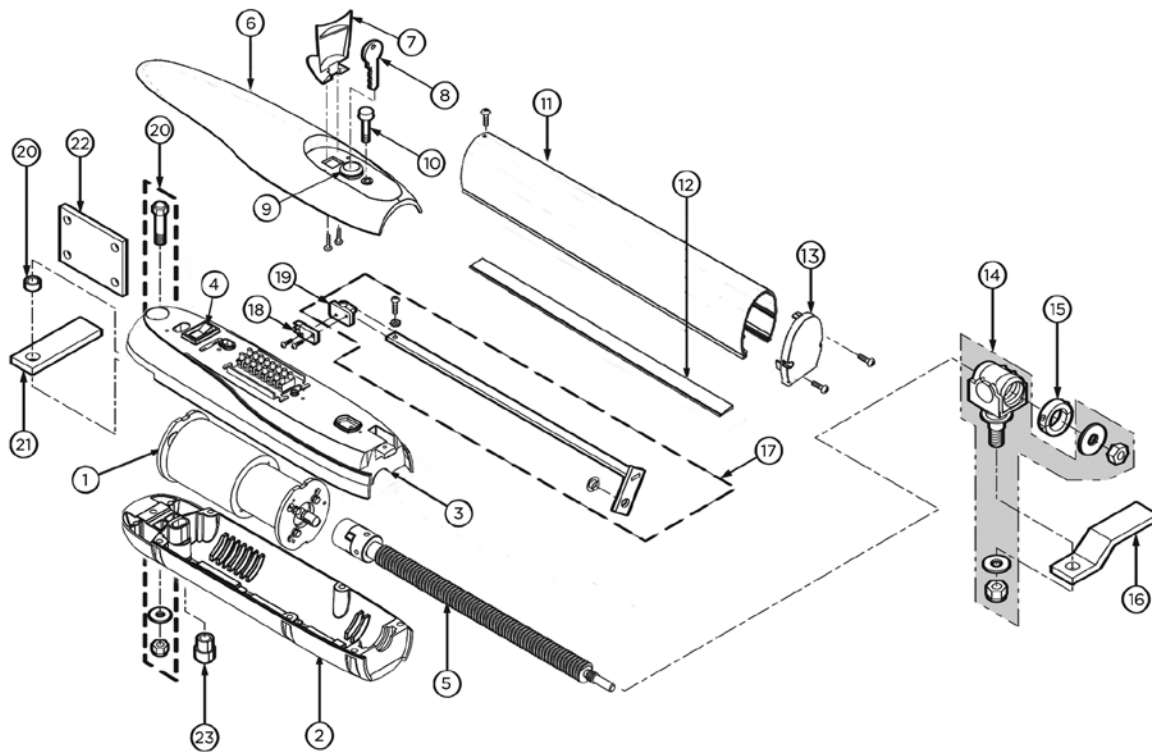


PARTS DIAGRAM:

Item	Description	Part No.	List Price
1	ECU Enclosure w/ PCB Back Plate	ECUEB	\$350
2	Power Harness	E4PH	\$15
3	Battery Harness	E4BTH	\$25
4	Battery Switch	DUMRS10	\$13
5	Battery	DUBA12	\$56
6	Plug-in Transformer	PT24V1A	\$49
7	EMI Board (optional)	DUEMI10	\$147
8	Toroid Transformer - 10 amp (optional)	DUTT10	\$312
9	Control Board	VE4PCB	\$902
10	ECU Audio Alarm	ECUAA	\$18
11	Strain Relief (ECU)	DH3/4NMCC	\$14
12	ECU Antenna Kit	ECUAH	\$22
13	Fuse Kit	E4FSKT	\$10
14	Alarm Reset Switch	ECURW	\$23
15	Receptacle Box Assesmbly	VA-RBA	\$35



G-5 PARTS DIAGRAM:

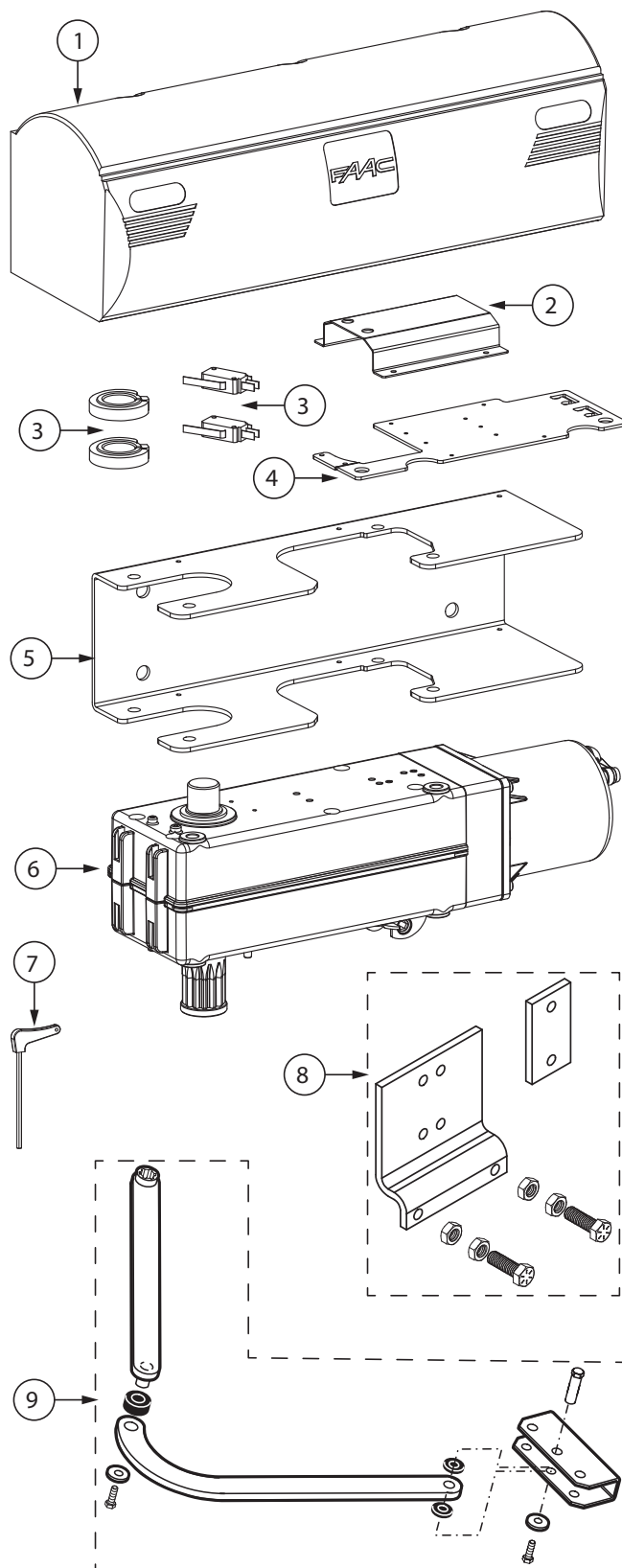


Item	Description	Part No.	List Price
1	24V DC Motor	VNXG5MO	\$792
2	G5 Motor Casing Lower	VNXG5CL	\$181
3	G5 Motor Casing Upper	VNXG5CU	\$181
4	Manual Release Switch	DUMRS20	\$14
5	Lead Screw (w/ coupler)	VNXG5LDSW	\$396
6	Cover, Terminal	VNXG5CT	\$104
7	Door, Cover Release	VNXG5DCR	\$40
8	Key, Cover Release	VNXG5K	\$14
9	Key Cylinder, Cover Release	VNXG5KC	\$60
10	Thumbscrew, Cover Release	VNXG5TSCR	\$9
11	Cover, Lead Screw	VNXG5CLS	\$133
12	Dust Brush (2)	VNXG5DB	\$36
13	End Cap, Lead Screw Cover	VNXG5ECC	\$30
14	Carrier with Hardware	VNXG5C78	\$139
15	Positive Stop	VAG5PSE	\$64
16	Mounting Bracket, Front	VNXG5MBF78	\$32

Item	Description	Part No.	List Price
17	Limit Mounting Bar	VNXG5LMB	\$60
18	Limit Switch (2)	VNXG5LS	\$35
19	Limit Switch Bracket (2)	VNXG5LSB	\$25
20	Mounting Hardware, Back	VNXG5MHB	\$14
21	Mounting Bracket, Back	VNXG5MBB	\$32
22	Backing Plate, Bracket Mount (2)	VNXG5BPBM	\$19
23	Strain Relief (G5)	VNXG5SRCH	\$13

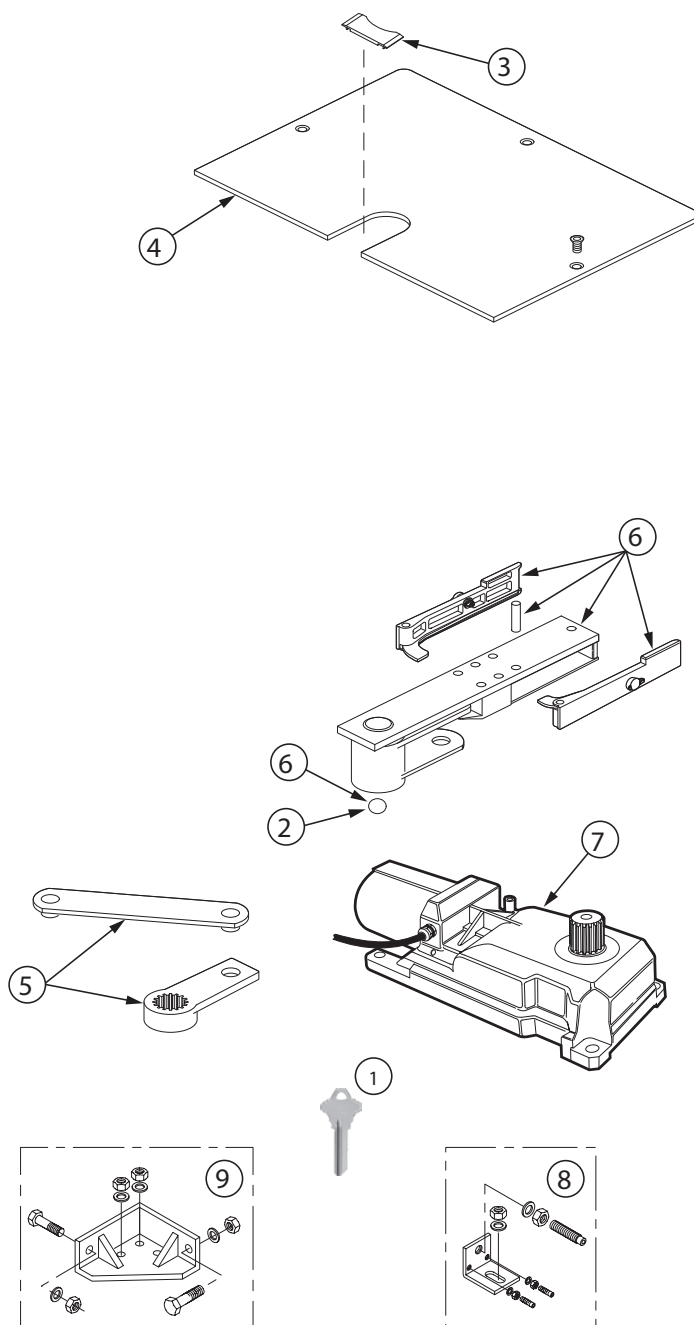
X-390 PARTS DIAGRAM:

Item	Description	Part No.	List Price
1	Protective Cover	FA-727292	\$192
2	Limit Switch Cover	FAX390C	\$11
3	Limit Switch (1) and Cam (1)	FA-390682	\$46
4	Limit Plate	FAC390P	\$9
5	Mounting Frame	FA-722471	\$99
6	Motor/Gear Assembly	FA-104579	\$1,206
7	Manual Release Key	FA-713001	\$15
8	Positive Stop Assembly	X390PSE	\$239
9	Articulated Arm - Steel	FA-7387051	\$420

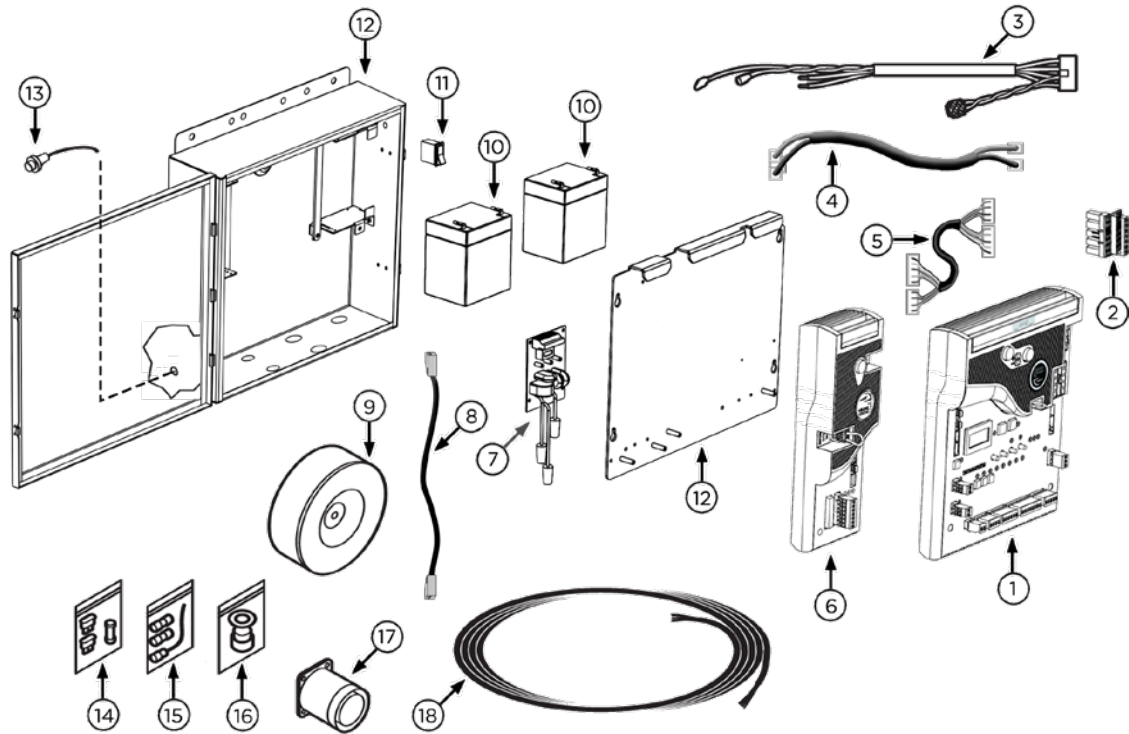


I-770 PARTS DIAGRAM:

Item	Description	Part No.	List Price
1	Key	FA-3632	\$24
2	Steel Ball	FA-63003015	\$11
3	Cover Plug	FA-7271985	\$16
4	Box Cover	FA-727157	\$133
5	Articulated Lever	FA-390477	\$157
6	Manual Release Assembly	FA-424010	\$399
7	Motor/Gear Assembly	FA-10675315	\$1,273
8	Close Limit Positive Stop Assembly	FA-722122	\$162
9	Open Limit Positive Stop Assembly	FA-722121	\$70



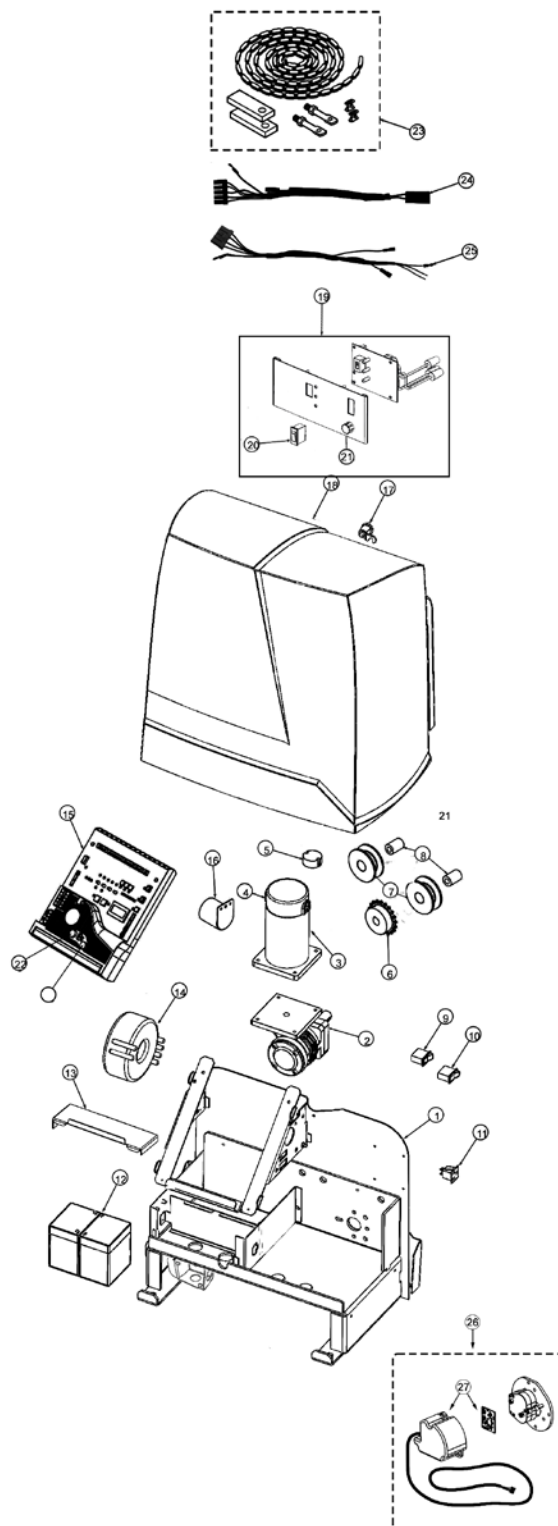
ECU PARTS DIAGRAM:



Item	Description	Part No.	List Price	Item	Description	Part No.	List Price
1	Control Board - Primary	VFLEXPCBU18	\$958	8	EMI Comm Cable	HUSIGEMISW	\$4
	Motor Connector - Primary G5	VECUMCM	\$45	9	Toroid Transformer - 10 amp	DUTT10	\$337
2	Motor Connector - Primary 390	FAECUMCM39	\$43	10	Battery	DUBB12	\$60
	Motor Connector - Primary I-770	FAECUMCM77	\$43	11	Battery Switch	DUMRS10	\$14
3	Power Harness - Primary	DUPHCECU	\$50	12	ECU Enclosure w/ PCB Back Plate	ECUEB	\$350
4	Secondary Power Harness (Dual Controller only)	VECUSPH	\$27	13	Alarm Reset Switch	ECUARS	\$11
5	Primary/Secondary Comm Cable (Dual Controller only)	VECUMSC	\$28	14	Fuse Kit	DUFSKNX	\$11
6	Secondary Module (Dual Controller only)	VFLEXSMU18	\$463	15	ECU Antenna Kit	ECUAH	\$22
7	EMI Board	DUEMI10	\$159	16	Strain Relief (ECU)	DH3/4NMCC	\$15
				17	ECU Audio Alarm	ECUAA	\$18
				18	6 Conductor Cable, per Foot	VA-CB16	\$4

K-2 PARTS DIAGRAM:

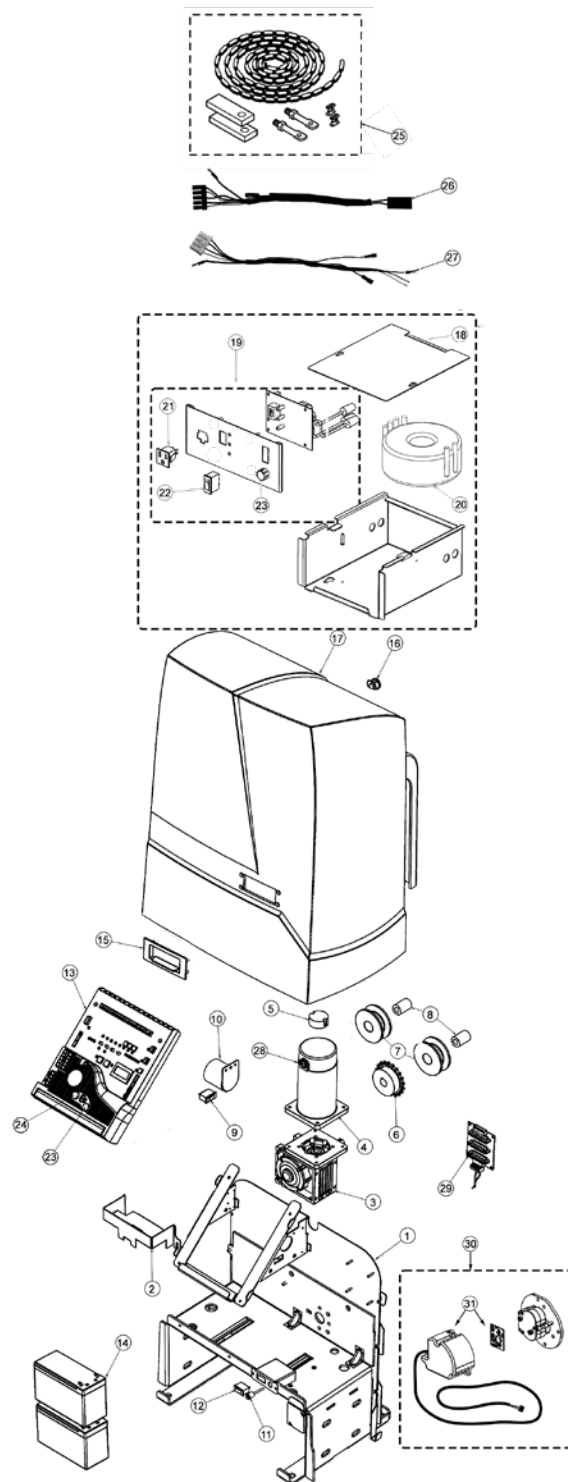
Item	Description	Part No.	List Price
1	Chassis	VNXX2CH	\$613
2	Gearbox	VNXX2GB	\$403
3	Motor	VNXX2MO	\$268
4	Brush Kit	VAMBK	\$79
5	Electronic Positioning Sensor 2 (EPS2)	VNXSLEPS2	\$54
6	Sprocket	VAL3SP17	\$60
7	Idler Pulley	DSIP10	\$40
8	Idler Bushing	DSIB10	\$18
9	Manual Release Switch	DUMRS10	\$14
10	Battery Switch	DUMSR10	\$14
11	120V Receptacle	VA120PL	\$32
12	Battery	DUBB12	\$60
13	Power Supply Cover	VNXX2PSC	\$39
14	Toroid Transformer - 10 amp	DUTT10	\$337
15	Control Board	VFLEXPCBU18	\$958
16	Alarm	DUAL10	\$32
17	Lock Cylinder & Key(s)	VNXSLCL	\$32
18	Operator Cover	VNXX2CV	\$260
19	Power Supply Panel Assembly	VNXX2PSPA	\$314
20	120VAC Power Switch	DUMRS10	\$14
21	Fuse - 4 amp	VNXF4A	\$4
22	Fuse - 15 amp	VNXF15A	\$5
23	25' #40 Chain Kit, Nickel Coated	VAL3CKN	\$140
24	Motor Harness	VNXX2MH	\$85
25	Power Harness	VNXX2PH	\$85
24	Smart Position Sensor (SPS)	VASPSK2NX	\$185
25	SPS PCB Assembly	VSPSPCB	\$130



L-3

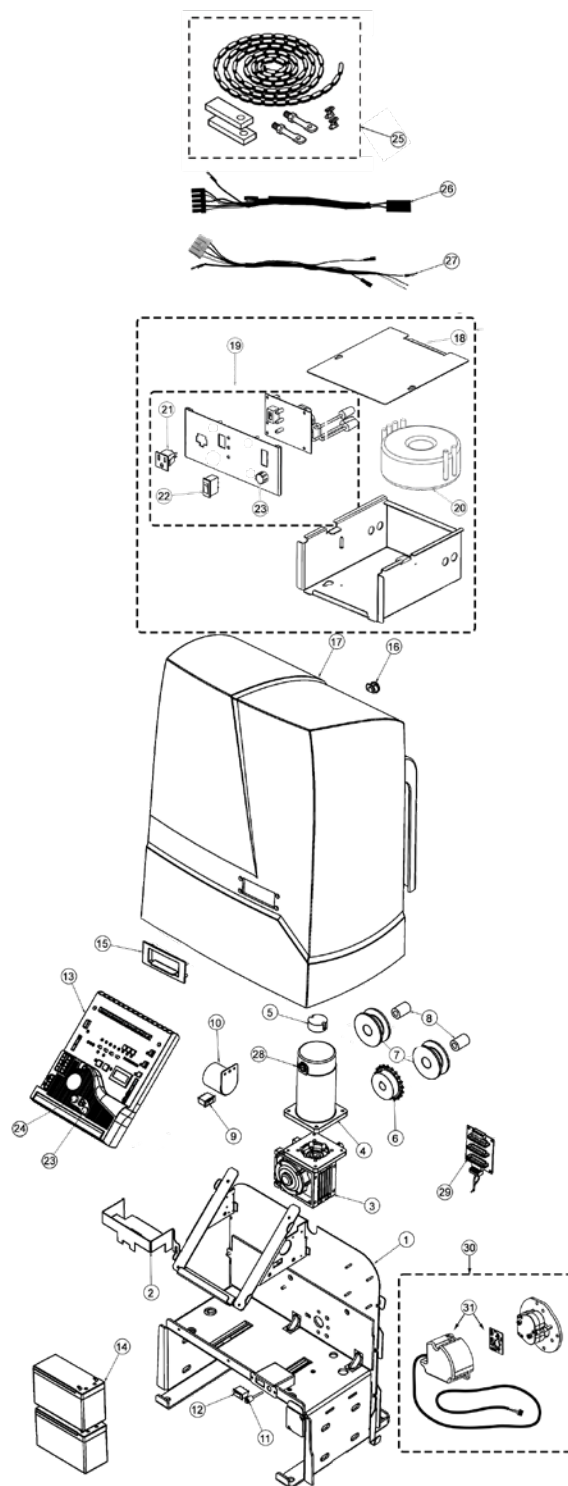
PARTS DIAGRAM:

Item	Description	Part No.	List Price
1	Chassis	VNXL3CH	\$758
2	Chassis Battery Bracket	VNXCHBBRK	\$24
3	Gearbox	VNXL3GB	\$734
4	Motor	VNXL3MO	\$460
5	Electronic Positioning Sensor 2 (EPS2)	VNXSLEPS2	\$54
6	Sprocket	VAL3SP17	\$60
7	Idler Pulley	DSIP10	\$40
8	Idler Bushing	DSIB10	\$18
9	Battery Switch	DUMRS10	\$14
10	Alarm	DUAL10	\$32
11	Alarm Reset Switch	VNXDUARS	\$23
12	Manual Release Switch	DUMRS10	\$14
13	Control Board	VFLEXPCBU18	\$958
14	Battery	DUBA12	\$60
15	Access Door	VNXAD	\$11
16	Lock Cylinder & Key(s)	VNXSLCL	\$32
17	Operator Cover	VNXCVC	\$498
18	Modular Power Box Assembly	VNXMPB	\$612
19	Power Box Panel Assembly	VNXUPBPA	\$346
20	Toroid Transformer - 15 amp	DUTT15	\$428
21	120V Receptacle	VA120PL	\$32
22	120VAC Power Switch	DUMRS10	\$14
23	Fuse - 4 amp	VNXF4A	\$4
24	Fuse - 15 amp	VNXF15A	\$5
25	25' #40 Chain Kit, Nickel Coated	VAL3CKN	\$140
26	Motor Harness	VNXL3MH	\$85
27	Power Harness	VNXL3PH	\$85
28	Brush Kit	VAMBK	\$79
29	Loop Rack	VA-LR	\$119
30	Smart Position Sensor	VASPSL3H10NX	\$185
31	SPS PCB Assembly	VSPSPCB	\$130



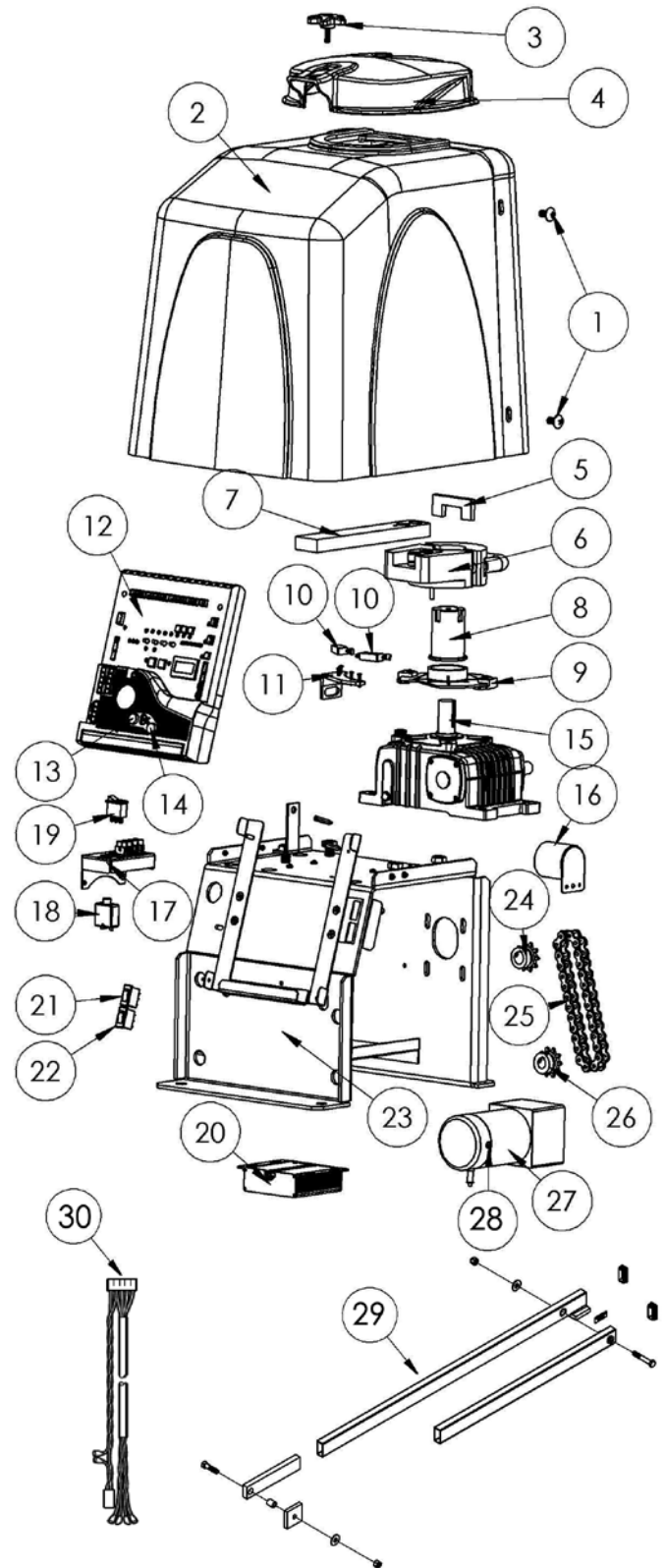
H-10 PARTS DIAGRAM:

Item	Description	Part No.	List Price
1	Chassis	VNXL3CH	\$758
2	Chassis Battery Bracket	VNXCHBBRK	\$24
3	Gearbox	VNXL3GB	\$734
4	Motor	VNXH10MO	\$689
5	Electronic Positioning Sensor 2 (EPS2)	VNXSLEPS2	\$54
6	Sprocket	VAL3SP17	\$60
7	Idler Pulley	DSIP10	\$40
8	Idler Bushing	DSIB10	\$18
9	Battery Switch	DUMRS20	\$14
10	Alarm	DUAL10	\$32
11	Alarm Reset Switch	VNXDUARS	\$23
12	Manual Release Switch	DUMRS20	\$14
13	Control Board	VFLEXPCBU18-H10	\$958
14	Battery	DUBA12	\$60
15	Access Door	VNXAD	\$11
16	Lock Cylinder & Key(s)	VNXSLCL	\$32
17	Operator Cover	VNXCV	\$498
18	Modular Power Box Assembly	VNXMPB	\$612
19	Power Box Panel Assembly	VNXUPBPA	\$346
20	Toroid Transformer - 15 amp	DUTT15	\$428
21	120V Receptacle	VA120PL	\$32
22	120VAC Power Switch	DUMRS10	\$14
23	Fuse - 4 amp	VNXF4A	\$4
24	Fuse - 20 amp	VNXF20A	\$5
25	25' #40 Chain Kit, Nickel Coated	VAL3CKN	\$140
26	Motor Harness	VNXH10MH	\$85
27	Power Harness	VNXL3PH	\$85
28	Brush Kit	VAMOBK	\$79
29	Loop Rack	VA-LR	\$119
30	Smart Position Sensor	VASPSL3H10NX	\$185
31	SPS PCB Assembly	VSPSPCB	\$130



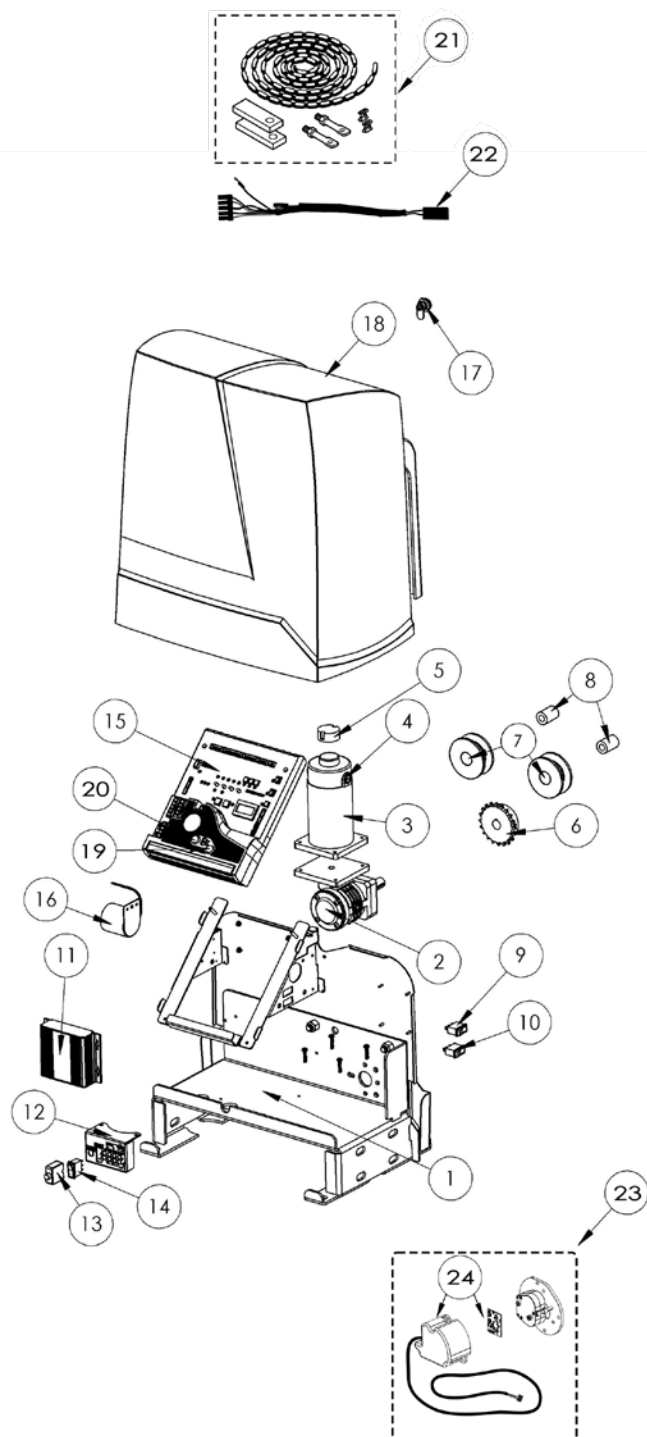
PARTS DIAGRAM:

Item	Description	Part No.	List Price
1	Operator Cover Bolt (4)	VASWCB	\$21
2	Operator Cover	VAR6CO20	\$377
3	Output Shaft Knob	DWOUK10	\$17
4	Output Shaft Cover	DWOC20	\$32
5	Clutch Key	VAWRCK20	\$16
6	Clutch and Handle	DWCL20	\$393
7	Output Arm	DWAR20	\$76
8	Output Shaft	R6OPS20	\$139
9	Limit Cam & Holder	DWLC10	\$72
10	Limit Switch (2)	DULS10	\$21
11	Limit Switch Holder	DWLH10	\$60
12	Solar Control Board	VSPCBU18	\$985
13	Fuse - 15 amp	VNXF15A	\$5
14	Fuse - 4 amp	VNXF4A	\$4
15	Worm Gear #60 Ratio 30:1	R6GB60	\$436
16	Alarm	DUAL10	\$32
17	Solar Terminal Block Assembly	VSTBASW	\$110
18	Solar Battery Breaker	VASBB25	\$19
19	Solar Panel Switch	DUMRS5	\$24
20	Solar Charger	VSCHARGSW	\$437
21	Motor Switch	DUMRS10	\$14
22	Power Switch	DUMRS10	\$14
23	Chassis	VSR6CH	\$564
24	Sprocket (Gearbox)	VASP1034	\$50
25	Chain #40x38 Pitches	R6CHN40	\$17
26	Sprocket (Motor)	VASP1058	\$50
27	24V DC Gearhead Motor	VSR6MO	\$1,287
28	Brush Kit	VAMBK	\$79
29	Multi-Part Arm Assembly	VA-F1ARM20	\$218
30	Limit Switch Harness	VNXR6LSH	\$55

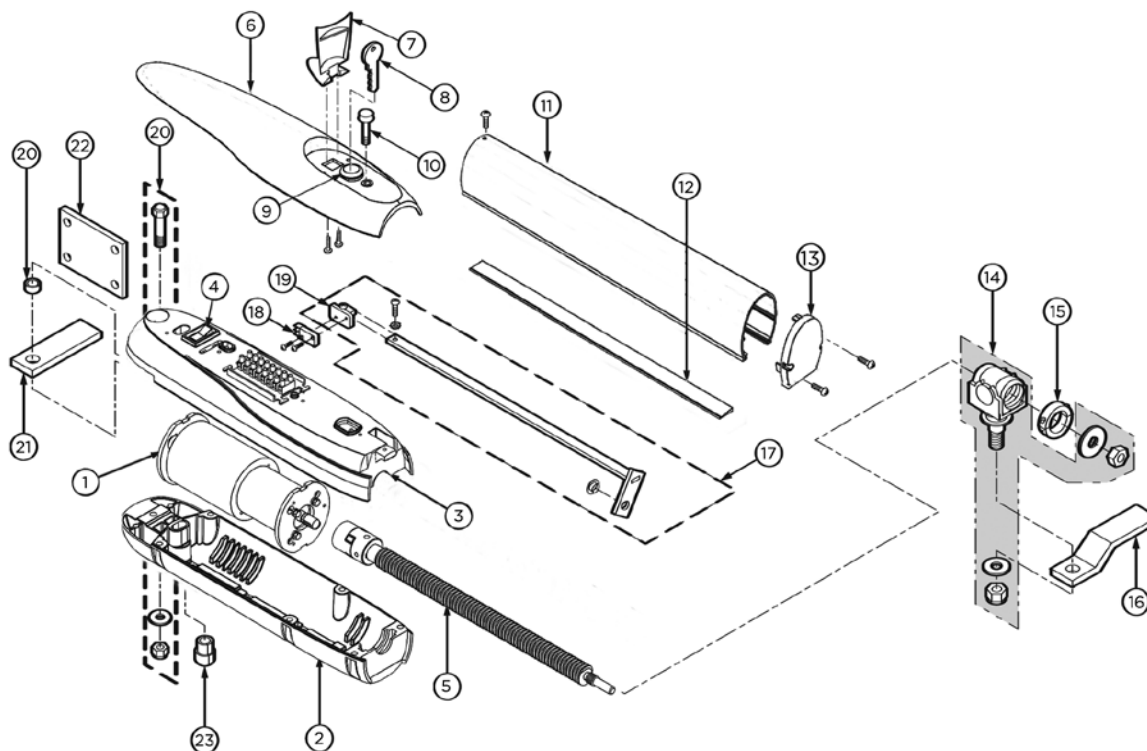


PARTS DIAGRAM:

Item	Description	Part No.	List Price
1	Chassis	VSK2CH	\$468
2	Gearbox	VNXK2GB	\$373
3	Motor	VSK2MO	\$248
4	Brush Kit	VAMBK	\$73
5	Electronic Positioning Sensor 2 (EPS2)	VNXSLEPS2	\$50
6	Sprocket	VAL3SP17	\$56
7	Idler Pulley	DSIP10	\$37
8	Idler Bushing	DSIB10	\$17
9	Manual Release Switch	DUMRS10	\$13
10	Power Switch	DUMRS10	\$13
11	Solar Charger	VSCHARGSL	\$405
12	Solar Terminal Block Assembly	VSTBASL	\$102
13	Solar Battery Breaker	VASBB25	\$18
14	Solar Panel Switch	DUMRS5	\$9
15	Solar Control Board	VSPCBU18	\$912
16	Alarm	DUAL10	\$30
17	Lock Cylinder & Key(s)	VNXSLCL	\$30
18	Operator Cover	VNXK2CV	\$241
19	Fuse - 4 amp	VNXF4A	\$4
20	Fuse - 15 amp	VNXF15A	\$5
21	25' #40 Chain Kit, Nickel Coated	VAL3CKN	\$130
22	Motor Harness	VNXK2MH	\$79
23	Smart Position Sensor (SPS)	VASPSK2NX	\$185
24	SPS PCB Assembly	VSPSPCB	\$130

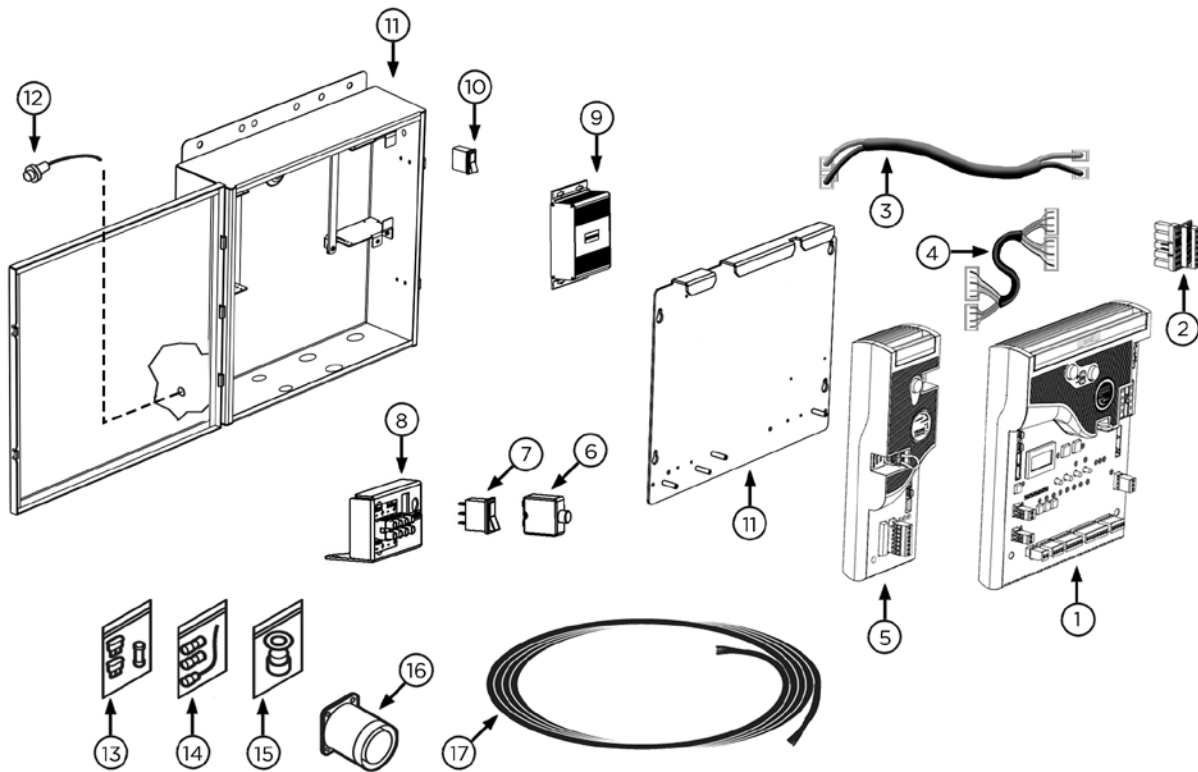


PARTS DIAGRAM:



Item	Description	Part No.	List Price
1	24V DC Motor	VG5MOSLR	\$792
2	G5 Motor Casing Lower	VNXG5CL	\$181
3	G5 Motor Casing Upper	VNXG5CU	\$181
4	Manual Release Switch	DUMRS20	\$14
5	Lead Screw (w/ coupler)	VNXG5LDSW	\$396
6	Cover, Terminal	VNXG5CT	\$104
7	Door, Cover Release	VNXG5DCR	\$40
8	Key, Cover Release	VNXG5K	\$14
9	Key Cylinder, Cover Release	VNXG5KC	\$60
10	Thumbscrew, Cover Release	VNXG5TSCR	\$9
11	Cover, Lead Screw	VNXG5CLS	\$133
12	Dust Brush (2)	VNXG5DB	\$36
13	End Cap, Lead Screw Cover	VNXG5ECC	\$30
14	Carrier with Hardware	VNXG5C78	\$139
15	Positive Stop	VAG5PSE	\$64
16	Mounting Bracket, Front	VNXG5MBF78	\$32

Item	Description	Part No.	List Price
17	Limit Mounting Bar	VNXG5LMB	\$60
18	Limit Switch (2)	VNXG5LS	\$35
19	Limit Switch Bracket (2)	VNXG5LSB	\$25
20	Mounting Hardware, Back	VNXG5MHB	\$14
21	Mounting Bracket, Back	VNXG5MBB	\$32
22	Backing Plate, Bracket Mount (2)	VNXG5BPBM	\$19
23	Strain Relief (G-5)	VNXG5SRCH	\$13



Item	Description	Part No.	List Price
1	Solar Control Board - Primary	VSPCBU18	\$985
2	Motor Connector - Primary	VECUMCM	\$45
3	Secondary Power Harness (Dual Controller only)	VECUSPH	\$27
4	Primary/Secondary Comm Cable (Dual Controller only)	VECUMSC	\$28
5	Secondary Solar Module (Dual Controller only)	VSSMPCBU18	\$504
6	Solar Battery Breaker	VASBB25	\$19
7	Solar Panel Switch	DUMRS5	\$24

Item	Description	Part No.	List Price
8	Solar Terminal Block Assembly	VSTBAECU	\$110
9	Solar Charger	VSCHARGEKU	\$437
10	Power Switch	DUMRS10	\$14
11	ECU Enclosure w/ PCB Back Plate	ECUEB	\$350
12	Alarm Reset Switch	ECUARS	\$11
13	Fuse Kit	DUF5KNX	\$11
14	ECU Antenna Kit	ECUAH	\$22
15	Strain Relief (ECU)	DH3/4NMCC	\$15
16	ECU Audio Alarm	ECUAA	\$18
17	6 Conductor Cable, per foot	VA-CB16	\$4

LIMITED WARRANTY

FAAC International, Inc. ("Seller") warrants the first Purchaser of the product to be free from defects in material and workmanship for a specific period as defined below ("Warranty Period"). The Warranty Period commences from the date of invoice.

Brand(s)	Product Type(s)	Warranty Period
FAAC & Viking	Gate Operators	3 years
FAAC	Control Boards, Vehicle Barriers, Bollards, Door Operators, Intercoms	2 years
Viking	Pad Mount Gate Operators	5 years
Magnetic	Vehicle Barriers & Pedestrian Gates	2 years or 2 million cycles (whichever occurs first)
All	All other products	1 year

Control Boards, Accessories or Spare Parts factory installed or sold with any of the products above carry the same warranty period as the product they are sold with, excluding batteries that carry a maximum 2 year warranty.

Products repaired under warranty carry the remainder of the original warranty period. For products repaired outside of warranty, the Seller warrants that all parts used for the repair will be free from defects in materials and workmanship for a period of ninety (90) days.

Defective products must be returned to Seller, freight prepaid by Purchaser, within the warranty period. A Return Material Authorization Number (RMA) must be obtained before product is returned. Items returned will be repaired or replaced, at Seller's option, upon an examination which discloses to the satisfaction of the Seller that the item is defective. The Seller will return the warranted item freight prepaid.

This limited Warranty covers the product under the normal use and service for which it was intended, provided it has been properly installed and operated. Seller's obligations under this warranty shall be limited to the repair or exchange of any part. This warranty shall not apply to products or parts thereof which have been repaired or altered, without Seller's written consent, outside of Seller's workshop or altered in any way so as, in the judgment of Seller, to affect adversely the stability or reliability of the product(s) or has been subject of misuse, negligence, or accident, or has not been operated in accordance with the product's instructions or has been operated under conditions more severe than, or otherwise exceeding, those set forth in the specifications for such product(s).

When the warranty service involves the exchange of an operator or part, the item the Seller replaces becomes its property and the replacement becomes Purchaser's property. The Purchaser represents that all removed items are genuine and unaltered. The replacement may not be new but will be in good working order and at least functionally equivalent to the item replaced. The replacement assumes the warranty service status of the replaced item.

The products are not warranted to meet the specific requirements, if any, of safety codes of any particular state, municipality, or other jurisdiction, and the Seller doesn't assume any risk or liability whatsoever resulting from the use thereof, whether used singly or in combination with other machines or apparatus. The Seller does not assume nor authorizes any person to assume for them any other liability in connection with the sale or use of the products of beyond that extended herein.

The warranty hereinabove set forth shall not be deemed to cover maintenance parts, including, but not limited to hydraulic oil, motor brushes, or the like. No agreement to replace or repair shall constitute an admission by the Seller of any legal responsibility to effect such replacement to make such repair, or otherwise. All products sold by the Seller are subject to design and/or appearance modifications, which are production standards at the time of shipment. The Seller may, but shall not be required to, modify or update products shipped prior to a current production standard.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR USE. THIS WARRANTY SHALL NOT APPLY TO PRODUCTS OR ANY PART THEREOF WHICH HAVE BEEN SUBJECT TO ACCIDENT, NEGLIGENCE, ALTERATION, ABUSE, OR MISUSE OR IF DAMAGE WAS DUE TO IMPROPER INSTALLATION OR USE OF IMPROPER POWER SOURCE, OR IF DAMAGE WAS CAUSED BY FIRE, FLOOD, LIGHTNING, ELECTRICAL POWER SURGE, EXPLOSION, WIND STORM, HAIL, AIRCRAFT OR VEHICLES, VANDALISM, RIOT OR CIVIL COMMOTION, OR ACTS OF GOD.

The Seller shall not be liable for any loss or damage whatsoever resulting, directly or indirectly, from the use or loss of use of the product(s). Without limiting the foregoing, this exclusion from liability embraces a Purchaser's expenses for downtime or for making up downtime, lost profit, damages for which the Purchaser may be liable to other persons, damage to property, and injury to or death of any persons.

This limited warranty extends only to wholesale customers who buy directly through the Seller's normal distribution channels. The Seller does not warrant its products to end consumers. Consumers must inquire from their selling dealer as to the nature and extent of that dealer's warranty, if any.

THE LIMITED WARRANTY OFFERED HEREIN IS THE SOLE AND EXCLUSIVE REMEDY AVAILABLE TO THE PURCHASER. CORRECTION OF DEFECTS, IN THE MANNER AND FOR THE PERIOD OF TIME DESCRIBED HEREIN, SHALL CONSTITUTE THE COMPLETE FULFILLMENT OF ALL LIABILITIES OF SELLER TO THE PURCHASER WITH RESPECT TO THE COVERED PRODUCT, AND SHALL CONSTITUTE FULL SATISFACTION OF ALL CLAIMS, WHETHER BASED ON CONTRACT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE. IN NO EVENT SHALL SELLER BE LIABLE FOR ANY LOSS OF PROFITS OR ANY INDIRECT, CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES ARISING OUT OF SELLER'S BREACH OF THIS LIMITED WARRANTY, OR ARISING OUT OF THE CUSTOMER'S INABILITY TO USE THE COVERED PRODUCT, EVEN IF SELLER HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to a particular Purchaser. This Limited Warranty gives the Purchaser specific legal rights. The Purchaser may also have other rights, which vary from state to state.

GENERAL TERMS AND CONDITIONS

1. Scope:

The Terms and Conditions of Supply and Payment ("Conditions") below shall apply exclusively to all – also future – supplies and services purchased from us (subsequently referred to only as Supplies). Our customers' general terms and conditions shall only apply if we agree to them in writing.

2. Offers:

Our offers shall be non-binding. Contracts come into being only through our written confirmation of the order or by delivery. In particular, our staff shall be obliged to confirm in writing any verbal collateral agreements or promises exceeding the written contract or altering these Conditions to our disadvantage.

3. Prices:

3.1 Unless otherwise expressly agreed in writing, the prices stated in our offers shall apply for a term of two months.

3.2 Our prices are F.O.B. point of shipment and do not include any of the applicable sales tax. All costs with regard to transport and customs clearing shall be charged separately.

3.3 Should the delivery period exceed 2 months, and to the extent that, after conclusion of the contract, significant changes in material, energy, raw material or personal costs have arisen that were beyond our control, we may increase or decrease the agreed-upon prices appropriately. Should a price increase exceed 5%, the customer is entitled to terminate the contract by written notice within two weeks after information about the price increase.

4. Terms of payment:

4.1 Unless otherwise agreed, our invoices shall be payable within 30 calendar days without any deduction. Payments shall only be deemed to have been made only upon our receipt of available funds. We shall only accept checks and bills of exchange on account of payment; banking charges shall be borne by the customer.

4.2 Balances remaining unpaid after the 30th day shall be subject to interest from the due date at a rate equal to the lesser of (i) 1.50% per month, or (ii) the maximum rate permitted under Florida law.

4.3 The customer may hold back payments or offset claims only to the extent that the counterclaims are undisputed or legally binding.

5. Passage of risk and partial deliveries:

5.1 Unless otherwise agreed upon, the risk of loss shall pass to the customer when the products leave our facility in Rockledge, Florida, even if we have performed other services e.g. shipping or delivery and assembly by our own people.

5.2 We may make reasonable partial deliveries.

6. Term of delivery:

6.1 The term of delivery shall commence upon receipt of the order confirmation, however not prior to the clarification of all details of order execution and technical questions as well as the receipt of an agreed down payment or collateral when applicable. The term of delivery shall be deemed satisfied if by deadline expiration the goods are ready for shipment.

6.2 Our obligation to deliver shall be subject to our being supplied correctly and timely (particularly with regard to basic material) by our sub-suppliers, unless the incorrect or delayed delivery by our sub-suppliers is due to our fault.

6.3 Change requests of customers shall extend the term of delivery until we shall have verified feasibility and by the time period required to implement the change request in production. If the current production is interrupted by a change request, we shall be able to bring forward and conclude other orders. We shall not be obligated to reserve any production capacities during the delay.

6.4 Reasonable production revisions due to latest development shall be expressly reserved.

6.5 In case of delayed delivery, our liability in case of ordinary negligence shall be limited to 0.5 % of the net value of the goods affected by the delay per completed week of delay. Our maximum liability in such cases is 5% of the net value of the goods affected by the delay. Claims for damages instead of performance according to section 8.1 shall not be affected hereby. The customer shall inform us about its liability concerning contractual penalties to its customers no later than at the time our contract is concluded.

6.6 Events that are unforeseeable, unavoidable, or beyond our control (e.g. force majeure, strikes and lock-outs, interruption of operations, difficulties in obtaining material or energy, transportation difficulties, shortage of staff, energy or raw material, actions by administrative or governmental bodies as well as difficulties in obtaining authorizations, in particular import and export licenses) shall extend the delivery period for the length of the disturbance and its effects. This extension of the delivery period also applies when the difficulties occurred to our sub-suppliers or during any existing delay in performance or delivery. Should the difficulty not only be temporary, both parties have the right to withdraw from the contract. In the above named cases, claims for damages are excluded.

7. Liability for defects:

7.1 We shall be notified in writing immediately of any defects, in no event later than 8 calendar days after receipt of goods, in case of hidden defects, not later than 3 calendar days after their discovery. If these periods are exceeded, any claims and rights in consideration of these defects shall lapse.

7.2 Violation of third party trademark rights is a defect only when these rights are valid in the United States of America.

7.3 In case of justified complaints, we shall, at our discretion, supply replacement or rework the goods. In the case of replacement, the customer shall be obliged to return the defective goods. Should the replacement or the rework be unsuccessful, denied or delayed in an unjustified manner, the customer shall be entitled, after a reasonable cure period, to demand reduction of the price or, in case of significant defects, withdraw from the contract and demand indemnification for damages instead of performance in accordance with Section 8.1 of these Conditions. The costs of non-performance arising through the purchased item being delivered to another place than the business establishment of the customer shall not be covered.

7.4 If the defect has been caused by an essential third-party product, we shall be entitled to limit our liability initially to the assignment of the claims and rights due to liability for defects, which we are entitled to assert against the supplier of the third-party product, unless the satisfaction of the assigned claim or right fails or cannot be enforced for other reasons. In this case, the customer shall be entitled to the aforesaid warranty rights according to Section 7.3.

7.5 No warranty shall be granted in the following cases: Inappropriate or improper use, faulty or negligent treatment, improper maintenance, inadequate construction work, unsuitable building ground, changes or repair work performed by the customer or third parties, to the extent that we are not responsible for them.

7.6 The period of limitations is 12 months after assumption of risk, unless we are liable for bodily injury, have violated our responsibilities intentionally or due to gross negligence, maliciously concealed the defect, or assumed an exceeding guarantee, or unless there is a longer statutory mandatory period of limitations.

8. General liability:

8.1 Claims for damages, regardless of their nature, against us shall be excluded, if we, our legal representatives or persons employed in performing any obligations have caused these damages through ordinary negligence. This exclusion of liability shall not apply to physical injury, or in case of assumption of a contractual guaranty, nor in case of violation of any material contractual obligations which jeopardizes the fulfillment of the purpose of the contract. Our liability, however shall be limited to the extent of guaranty, or in case of negligent violation of material contractual obligations, to the foreseeable damages typical of the contract.

8.2 Claims for damages must be presented within 12 months after the customer has attained knowledge of the damage and its obligation to pay damages, or should have attained such knowledge without gross negligence.

9. Technical documents and Software:

9.1 All figures, drawings, plans or other technical documents enclosed with our offers, deliveries or contracts shall remain our property and may not be used otherwise nor made available to third parties nor be duplicated. They are to be returned upon our request at any time.

9.2 These Terms and Conditions shall also apply for Software delivered as part of or related to supplies, unless otherwise agreed. To the extent that Software to which we possess only a derived right of use (external software or open source software) is licensed to the customer, the rights of use agreed upon between us and our licensors are additionally valid and have priority over the rights of use in these conditions. The customer will be informed about those rights of use applying to the external or open source software and having priority over the rights of use in these Conditions, or such divergent rights of use will be published on-line.

9.3 Customer shall have no right to ask for Software documentation, unless expressly otherwise agreed. We are under no obligation to provide software maintenance and service unless expressly agreed in writing. Section 7 (Liability for defects) shall remain unaffected.

10. Place of performance, place of jurisdiction, applicable law:

10.1 The place of performance for deliveries and payments shall be our place of business in Rockledge, Florida.

10.2 For all legal disputes arising from the contractual relationship as well as concerning its coming into force and its effect, the court competent for our place of business shall have exclusive jurisdiction. However, we shall be entitled to assert our claims also at the domicile of the buyer.

10.3 This agreement shall be governed by, and construed and enforced in accordance with, the laws of the State of Florida.



631 Wald, Irvine, CA 92618

T: (800) 908-0884

F: (949) 753-1640

www.vikingaccess.com