





PRODUCT CATALOG

EFFECTIVE DECEMBER 2018

Conery Manufacturing has been providing quality products for water and wastewater pumping stations for over 40 years. We have built strong customer relationships based upon quality products, quick and accurate shipments, and competitive pricing. Find out what makes Conery Manufacturing different.



BASE ELBOW RAILS

Built to meet the engineered standards of municipal wastewater stations, freeflo elbows are designed to configure with nearly all submersible pumps in the market today. As the offering of freeflo elbows has expanded to include 316 Stainless Steel options, so has our experience with thousands of quality installations.



FLOAT SWITCHES

Quality and reliability are the hallmarks of our proven line of float switches. Regardless of specification or application, Conery Mfg Inc is dedicated to providing the right float switch with knowledgeable customer service, unmatched production flexibility, and timely shipping.

DEAR CUSTOMERS,

After 40 years Conery Mfg, Inc. remains dedicated to providing our customers with quality products coupled with excellent customer service. We are committed to offering you the tools you need to successfully accomplish your most challenging tasks. At Conery Manufacturing we take pride

in our ability to serve our customers' most important needs. From our extensive product line and engineered drawings to our trained staff, we are ready to provide you with the hardware and information you need to make your project a success.

Sincerely,

Chris Shafer
Vice President







Freeflo Guiderail Kits



EZ Glyde

Fiber Glyde

FiberGlyde 125-6'
FiberGlyde 125CV-6'

EZGlyde 125-6'

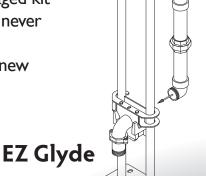
EZGlyde 125CV-6'

Available in 1.25", 1.5", 2" and non-sparking.

* Patent Pending *

Remove pumps easily with the FiberGlyde and EZ Glyde Guiderail Systems. Both units offer easy installation with completely packaged kit systems. Proven BERS disconnect that never seizes. Both units are easily installed in concrete or fiberglass basins in either new installations or station rehabs.





DESIGNED FOR SIMPLE INSTALLATION

The Freeflo Base Elbow Rail System is designed for the simple installation and removal of most vertical discharge pumps. Its innovative design allows for pump service without the need to disconnect plumbing or physically enter the basin. Flanges available separately, if necessary.



BERS-0125, BERS-0150 or BERS-0200

- Ductile Iron Construction
- Powder Coated for Corrosion Resistance
- Compact Design for Easy Installation
- Stainless Steel Accessories Standard
- Guide Rail Pins Designed to Accept 0.75" or 1.00" Rails
- Rated for Pumps Weighing Less than 250 lbs
- 2.00" Discharge



BERS-0125 CV, BERS-0150 CV or BERS-0200 CV

- Includes Integral Check Valve in Pull-Out Flange
- Allows for Removal of Check Valve with Pump
- Ductile Iron Construction
- Powder Coated for Corrosion Resistance
- Compact Design for Easy Installation
- Stainless Steel Accessories Standard
- Guide Rail Pins Designed to Accept 0.75" or 1.00" Rails
- Rated for Pumps Weighing Less than 250 lbs
- 2.00" Discharge





BERS-0125 CV EX, BERS-0150 CV EX or BERS-0200 CV EX

- Non-Sparking Design
- Bronze Pull-Out Flange
- Bronze Lower Guide Rail Plate
- Ductile Iron Construction
- Powder Coated for Corrosion Resistance
- Compact Design for Easy Installation
- Stainless Steel Accessories Standard
- Guide Rail Pins Designed to Accept 0.75" or 1.00" Rails
- Rated for Pumps Weighing Less than 250 lbs
- 2.00" Discharge

Visit our webpage at www.ConeryMFG.com for technical data & charts regarding pump compatibility with our base elbows.

WEDGE



1.25", 1.50", 2.00", 3" & 4"





BERS-0125 SST, BERS-0150 SST or BERS-0200 SST

- 316 Stainless Steel Construction
- 316 Stainless Steel Accessories Standard
- Guide Rail Pins Designed to Accept 0.75" or 1.00" Rails
- Rated for Pumps Weighing Less than 250 lbs
- 2.00" NPT Discharge

BERS-300H SST, BERS-300V SST

- 316 Stainless Steel Construction
- 316 Stainless Steel Accessories Standard
- Guide Rail Pins Designed to Accept 0.75", 1.00" or 1.25" Rails
- Rated for Pumps Weighing Less than 400 lbs
- 3.00" NPT Discharge

BERS-0400 SST, BERS-0430 SST

- 316 Stainless Steel Construction
- 316 Stainless Steel Accessories Standard
- Guide Rail Pins Designed to Accept 1.50" or 2.00" Rails
- Rated for Pumps Weighing Less than 2000 lbs
- 4.00" Flanged Discharge

4.00 Hungeu Discharge

316 SST UPPER GUIDE RAIL BRACKETS

UGB-STNLS 316

UGB-0150 316

UGB-0200 316

UGB-0300 316

316 SST INTERMEDIATE GUIDE RAIL BRACKETS

IGB-0100 316

IGB-0125 316

IGB-0150 316

IGB-0200 316

IGB-0300 316

102 0000 011

3.00" BASE ELBOW RAIL SYSTEMS

The BERS-0300 Base Elbow Rail System is designed for the simple installation and removal of most 3.00" vertical or horizontal discharge pumps. Its innovative design allows for pump service without the need to disconnect plumbing or physically enter the basin.



BERS-0300 V, BERS-0320 V BERS-0300 VEX, BERS-0320 VEX

- Designed for Vertical Discharge Pumps
- Ductile Iron Construction
- Powder Coated for Corrosion Resistance
- Compact Design for Easy Installation
- Guide Rail Pins Designed to Accept 0.75", 1.00", or 1.25" Rails
- Rated for Pumps Weighing Less than 400 lbs
- 3.00" Discharge
- BERS-0320 V = 3.00" x 2.00" Pump Adapter Flange



BERS-0300 H, BERS-0325 H

- Designed for Horizontal Discharge Pumps
- Ductile Iron Construction
- Powder Coated for Corrosion Resistance
- Compact Design for Easy Installation
- Guide Rail Pins Designed to Accept 0.75", 1.00", or 1.25" Rails
- Rated for Pumps Weighing Less than 400 lbs
- 3.00" Discharge
- BERS-0325 H = 3.00" x 2.50" Pull-Out Flange



BERS-0300 HEX, BERS-0325 HEX

- Non-Sparking Design
- Bronze Lower Guide Rail Plate
- Designed for Horizontal Discharge Pumps
- Ductile Iron Construction
- Powder Coated for Corrosion Resistance
- Compact Design for Easy Installation
- Guide Rail Pins Designed to Accept 0.75", 1.00", or 1.25" Rails
- Rated for Pumps Weighing Less than 400 lbs
- 3.00" Discharge
- BERS-0325 HEX = 3.00" x 2.50" Non-Sparking Pull-Out Flange

Visit our webpage at www.ConeryMFG.com for technical data & charts regarding pump compatibility with our base elbows. Freeflo base elbows not recommended for use with submersible turbine pumps and submersible well pumps.



REPLACEMENT FLANGES & ACCESSORIES



PULL-OUT FLANGES



PULL-OUT FLANGES



PUMP ADAPTER FLANGES



UPPER GUIDE RAIL BRACKET 316 SST AVAILABLE



INTERMEDIATE GUIDE RAIL BRACKET 316 SST AVAILABLE



O-RING SETS



PULL-OUT KITS









Description

Item

POF-0125

POF-0125 CV

POF-0125 EX POF-0125 CV EX POF-0150 POF-0150 CV POF-0150 EX

POF-0150 CV EX

POF-0200

POF-0200 CV

POF-0200 EX

POF-0200 CV EX POF-0300 H

POF-0300 HEX

POF-0325 H POF-0325 HEX

POF-0300 V

POF-0320 V POF-0320 VEX

PAF-0125

PAF-0150

PAF-0200

PAF-0300

PAF-0320

UGB-STNLS

UGB-PC

IGB-0075 IGB-0100

IGB-0125

LGRP-0200

LGRP-0300

Pull-Out Flange For 1.25" Elbow (includes PAF) Pull-Out Flange For 1.25" Check Valve Elbow (includes PAF) Pull-Out Flange For 1.25" Bronze Non-Sparking Elbow (includes PAF)
Pull-Out Flange For 1.25" Bronze Non-Sparking Elbow (includes PAF)
Pull-Out Flange For 1.50" Elbow (includes PAF)
Pull-Out Flange For 1.50" Check Valve Elbow (includes PAF)
Pull-Out Flange For 1.50" Bronze Non-Sparking Elbow (includes PAF)
Pull-Out Flange For 1.50" Bronze Non-Sparking Elbow (includes PAF) Pull-Out Flange For 2.00" Elbow (includes PAF) Pull-Out Flange For 2.00" Check Valve Elbow (includes PAF) Pull-Out FLange For 2.00" Bronze Non-Sparking Elbow (includes PAF) Pull-Out Flange For 2.00" Bronze Non-Sparking Elbow (includes PAF)

Pull-Out Flange For 3.00" Horizontal Elbow Pull-Out Flange For 3.00" Bronze Non-Sparking Horizontal Elbow

Pull-Out Flange For 3.00" X 2.50" Horizontal Elbow Pull-Out Flange For 3.00" X 2.50" Horizontal Elbow Pull-Out Flange For 3.00" X 2.50" Rlobow (includes PAF)

Pull-Out Flange For 3.00" Non-Sparking Vertical Elbow (includes PAF) POF-0300 VEX Pull-Out Flange For 3.00" X 2.00" Vertical Elbow (includes PAF)

Pull-Out Flange For 3.00" X 2.00" Non-Sparking Vertical Elbow (includes PAF)

1.25" SS Pump Adapter Flange 1.50" SS Pump Adapter Flange 2.00" SS Pump Adapter Flange 3.00" SS Pump Adapter Flance 3.00" X 2.00" SS Pump Adapter Flange

SS Upper Guide Bracket For Rail Sizes 0.75", 1.00", 1.25" Powder Coated Steel Upper Guide Bracket SS Intermediate Guide Bracket For 0.75" Rail 304 SST Intermediate Guide Bracket For 1.00" Rail

304 SST Intermediate Guide Bracket For 1.25" Rail

304 SST Lower Guide Plate For Elbows 1.25"-2.00" Discharge

SS Lower Guide Plate For Elbows 3.00" Discharge

O-Ring Set For 1.25"-2.00" Elbows O-Ring Set For 3.00" Vertical Elbows

Hardware & Gasket Kit For 3.00" Horizontal Elbows Hardware & Gasket Kit For 3.25" Horizontal Elbows

Optional Spacer Kit For HPG Grinder Pumps Optional Mounting Kit For SGV Grinder Pumps SRA Rail System

Mounting Elbow for LSG Grinder Pumps

ADAPTERS

BASE ELBOW RAIL SYSTEMS

4.00", 6.00" & 8.00"

The BERS-0400, BERS-0600 and BERS-0800 Base Elbow Rail System is designed for engineered pump stations with flanged discharges and pull-outs to accommodate larger pumps. Its innovative design allows for pump service without the need to disconnect plumbing. Pull-out flanges for base elbows can be modified to accommodate unique pump bolt patterns. Please call for pricing & information.

PRODUCT FEATURES

- · Ductile iron construction
- Powder coated for corrosion resistance
- Metal-to-Metal design with stainless steel breakaway ring
- Flygt Adaptable



BERS-0400, BERS-0430

- Guide rail pins designed to accept 1.50" or 2.00" rails (Call for 3")
- Heavy duty rubber gasket available (alternate seal)
- Rated for pumps weighing less than 2,000 lbs
- 4.00" flanged discharge
- BERS-0430 = 4.00" x 3.00" Pull-Out Flange

BERS-0400 HEX, BERS-0430 HEX

• Non-Sparking Design





BERS-0600, BERS-0640

- Guide rail pins designed to accept 2.00" rails (Call for 3")
- Heavy duty rubber gasket available (alternate seal)
- Rated for pumps weighing less than 2,000 lbs
- 6.00" flanged discharge
- BERS-0640 = 6.00" x 4.00" Pull-Out Flange
- Please add SR-600 for Flygt compatibility

BERS-0600 HEX, BERS-0640 HEX

Non-Sparking Design



BERS-0800, BERS-0860

- Guide rail pins designed to accept 2.00" or 3.00" rails
- Rated for pumps weighing less than 4,000 lbs
- 8.00" flanged discharge
- BERS-0860 = $8.00'' \times 6.00''$ Pull-Out Flange

BERS-0800 HEX, BERS-0860 HEX

• Non-Sparking Design

Visit our webpage at www.ConeryMFG.com for technical data & charts regarding pump compatibility with our base elbows. Freeflo base elbows not recommended for use with submersible turbine pumps and submersible well pumps.



REPLACEMENT FLANGES & ACCESSORIES







Description Item

POF-0400 Pull-Out Flange For 4.00" Elbow POF-0430 Pull-Out Flange For 4.00" X 3.00" Elbow POF-0400 HEX Pull-Out Flange For 4.00" Non-Sparking Elbow POF-0430 HEX Pull-Out Flange For 4.00" X 3.00" Non-Sparking Elbow

Pull-Out Flange For 6.00" Elbow POF-0600 POF-0640 Pull-Out Flange For 6.00" X 4.00" Elbow POF-0600 HEX Pull-Out Flange For 6.00" Non-Sparking Elbow POF-0640 HEX Pull-Out Flange For 6.00" X 4.00" Non-Sparking Elbow

POF-0800 Pull-Out Flange For 8.00" Elbow POF-0860 Pull-Out Flange For 8.00" X 6.00" Elbow



UPPER GUIDE RAIL BRACKET

UGB-0150 UGB-0200 UGB-0300

UGB-0150/0200 REP KIT

SS Upper Guide Bracket For 1.50" Rail SS Upper Guide Bracket For 2.00" Rail SS Upper Guide Bracket For 3.00" Rail

Replacement Hardware For UGB-0150/UGB-0200



INTERMEDIATE GUIDE RAIL BRACKET



FULL GASKETS





NEW!

POK-0400 POK-0600

IGB-0200-8"

IGB-0200-4"

IGB-0200-6"

SS Intermediate Guide Bracket For 4.00" Discharge SS Intermediate Guide Bracket For 6.00" Discharge SS Intermediate Guide Bracket For 8.00" Discharge

Hardware & Gasket Kit For 4.00" Elbows Hardware & Gasket Kit For 6.00" Elbows







WEDGE ANCHORS

FG-0400 FG-0600 SR-0400 SR-0600 Full Gasket For 4.00" Elbow Full Gasket For 6.00" Elbow Stainless Sealing Ring For 4.00" Elbow Stainless Sealing Ring For 6.00" Elbow

Wedge 1/4

Wedge 3/8 Wedge 1/2 Wedge 3/4 Wedge Anchor - 1/4" x 2^{1/4}", 304 SST - Use with Float Brackets and UGBs Wedge Anchor - 3/8" x 23/4", 304 SST - Use with BERS-0125 - BERS-0200 Wedge Anchor - 1/2" x 23/4", 304 SST - Use with BERS-0300 - BERS-0400 Wedge Anchor - 3/4" x 43/4", 304 SST - Use with BERS-0600 - BERS-0800°

EZR SYSTEM REPLACEMENT FLANGES & ACCESSORIES

Designed to work with existing systems, the flanges and accessories allow for replacement of worn parts without requiring the removal of the Base Elbow itself, eliminating the need to enter the basin or replumb the entire station.



EZR PULL-OUT FLANGES WITH CHECK VALVE



EZR SPECIALTY PUMP ADAPTER (SGV)



EZR PULL-OUT FLANGES NON-SPARKING DESIGN



EZR PULL-OUT FLANGES

EZR PULL-OUT FLANGES

ItemDescriptionEZR-POF-01251.25" Replacement Pull-Out Flange (includes PAF)

EZR-POF-0125 SGV 1.25" Replacement Pull-Out Flange for SVG Grinder Pumps (includes PAF)

EZR-POF-0125 CV 1.25" Replacement Check Valve Pull-Out Flange (includes PAF)

EZR-POF-0125 CV SGV 1.25" Replacement Check Valve Pull-Out Flange for SVG Grinder Pumps (includes PAF)

EZR-POF-0150 1.50" Replacement Pull-Out Flange (includes PAF)

EZR-POF-0150 CV 1.50" Replacement Check Valve Pull-Out Flange (includes PAF)

EZR-POF-0200 2.00" Replacement Pull-Out Flange (includes PAF)

EZR-POF-0200 CV 2.00" Replacement Check Valve Pull-Out Flange (includes PAF)

EZR-POF-0300 H 3.00" Horizontal Replacement Pull-Out Flange



EZR PUMP ADAPTER FLANGES

EZR PUMP ADAPTER FLANGES

 Item
 Description

 EZR-PAF-0125
 1.25" Pump Adapter

 EZR-PAF-0150
 1.50" Pump Adapter

 EZR-PAF-0200
 2.00" Pump Adapter



EZR REPLACEMENT
LOWER GUIDE PLATES

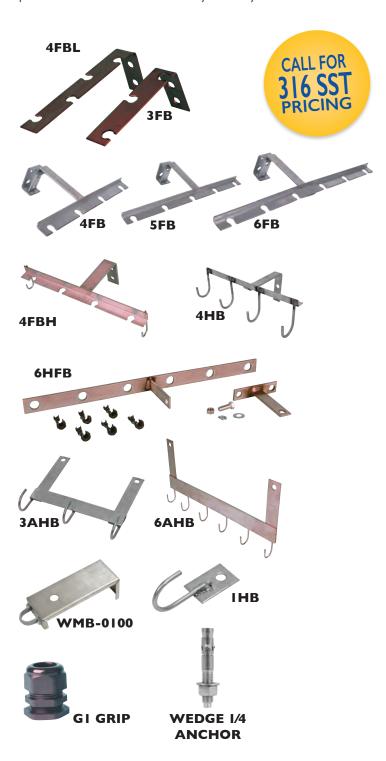
ADDITIONAL ACCESSORIES

Item Description

EZR-LGRP SS Lower Guide Rail Plate for 1.25" - 3.00" Systems



Brackets are designed to keep multiple float switches organized within the basin. All brackets are made of Type 304 stainless steel and come with black cord snubbers to securely attach float cables. As an option, liquid tight cord grips are also available for the same purpose. Additional hook type style brackets are also available. Additionally, the T-shaped bracket styles are supplied with a mounting piece so that the bracket itself may be easily removed from the basin with the floats still attached.



L-TYPE BRACKETS

3FB

4FBL

T-TYPE BRACKETS

4FB

5FB

6FB

T-TYPE BRACKETS W/SIDE HOOKS

4FBH

5FBH

4HB

H-TYPE BRACKETS

6HFB

U-TYPE BRACKET

3AHB

6AHB

SPECIALTY TYPE BRACKETS

WMB-100

1HB

OPTIONAL CORD GRIPS

G1

Note: To add cord grips to your float bracket order, simply specify G1 after the part number. You will receive the number of cord grips that fit each respective float bracket.

WEDGE ANCHORS

Wedge Anchor - $1/4" \times 2^{1/4"}$, 304 SST - Use with Float Brackets

CONTROL SWITCHES

Control Switch	Туре of Activation	Description	Electrical Rating
2900-B1S1	Mercury	Foam Filled Mercury	10 Amp
2900-B2S1 (Mini)	Mercury	Foam Filled Mini Mercury	10 Amp
2900-B8\$1	Mechanical	Foam Filled Mechanical	10 Amp
2900-B8S1 GC	Mechanical	Gold Contact for Intrinsically Safe Relays	10 Amp
2900-B4S1	Mercury	Foam Filled, Internally Weighted	10 Amp
2900-B6S1	Mechanical	Foam Filled, Internally Weighted	10 Amp
SF20NO	Mercury	304 SS High Temp Mercury Float	10 Amp
SF-MECH	Mechanical	316 SS Mechanical Float Standard Temperature	10 Amp
2900 = Normall	y Open	Mounting Options C1 = Cord Weight C3 = SS Clamp for Pip	a Maunt

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2900 = Normally Open 2901 = Normally Closed

2902 = SPDT

C3 = SS Clamp for Pipe Mount C4 = Resealable Tie Strap

C7 = Float Collar for 1.00" Pipe Mount



	Pump Switch	Type of Activation	Description	Pump Draw
	2900-B1S4	Mercury	Foam Filled Mechanical	½ HP 13 Amp
	2900-B2S4 (Mini)	Mercury	Foam Filled Mini Mercury	¹ /2 HP 13 Amp
	2900-B8S4	Mechanical	Foam Filled Mechanical	½ HP 13 Amp
	2900-B8S6	Mechanical	Foam Filled Mechanical	1 HP @ 120V 2 HP @ 240V 15 Amp
	2900-B4S4	Mercury	Internally Weighted	¹ /2 HP 15 Amp
	2900-B6S4	Mechanical	Internally Weighted	¹ / ₂ HP 13 Amp
	VERTICAL SWITCH	Mechanical	Vertical Float Switch	10 Amp
A	DOUBLE FLOAT	Mechanical	Double Float Switch	1 HP @ 120 V 15 Amp

2900 = Normally Open

2901 = Normally Closed

2902 = SPDT

Mounting Options
C1 = Cord Weight
C3 = SS Clamp for Pipe Mount
C4 = Resealable Tie Strap

C7 = Float Collar for 1.00" Pipe Mount

CONTROL DUTY MERCURY FLOAT SWITCH

NARROW ANGLE



BI and B2

- Pear Shaped Bulb
- Standard and Mini
- Available for 24 hour shipment in all cable lengths

Designed for accurate liquid level control in many applications including sewage and wastewater environments. The durable construction provides for leak-proof operation and tremendous impact resistance.

Operating Options

NORMALLY OPEN (N/O) - YELLOW BULB... FOR PUMP DOWN APPLICATIONS

The mercury switch activates (contacts close) as the float rises 1.00" or 5 degrees above horizontal.

NORMALLY CLOSED (N/C) - RED BULB... FOR PUMP UP APPLICATIONS

The mercury switch de-activates (contacts open) as the float rises 1.00" or 5 degrees above horizontal.

SINGLE POLE, DOUBLE THROW (SPDT) - BLUE BULB... NORMALLY OPEN OR NORMALLY CLOSED

A variation on the standard normally open or normally closed float switch, this float may be wired at installation to perform either operation but not both.

Specifications - Float & Cable

B1 Bulb (Std) Style Is 3.50" X 5.00"
B2 Bulb (Mini) Style Is 3.00" X 3.75"
Durable Polypropylene Shell
Solid Polyurethane Foam Filling
1.52g Mercury Tilt Switch
Operating Temperature Of 32-170 F
Chlorinated Polyethylene Cable
SJOOW-300 Volt - 18/2 Cable
SJOOW-300 Volt - 18/3 Cable For Spdt Design

Mounting Options

C1 - Zinc Plated, Cast-Iron Cord Weight (1.22 Lbs)

C3 - SS Clamp For Pipe Mount

C4 - Releasable Poly Tie Strap

C7 - Float Collar For 1.00" Pipe Mount

Specifications - Electrical

Rated For 10 Amps @ 120 VAC Rated For 3 Amps @ 240 VAC Usable With 12-24 VDC Applications Not For Use With 460 Volt Applications



Available For Use With Instrinsically Safe Circuits When Used With Proper Relays.











CONTROL DUTY NON-MERCURY FLOAT SWITCH



B8

- Pear Shaped Bulb
- Newest Mechanical Design
- Now in Standard Bulb
- Available for 48 hour shipment in all cable lengths

Designed for accurate liquid level control in nearly any application, including potable water, industrial, sewage and wastewater environments. The durable outer shell and foam filled interior provide for leak-proof operation and tremendous impact resistance.



Operating Options

NORMALLY OPEN (N/O) - GREEN BULB... FOR PUMP DOWN APPLICATIONS

The mechanical switch activates (contacts close) as the float rises 1.00" or 5 degrees above horizontal.

NORMALLY CLOSED (N/C) - GREEN/RED BULB... FOR PUMP UP APPLICATIONS

The mechanical switch de-activates (contacts open) as the float rises 1.00" or 5 degrees above horizontal.

SINGLE POLE, DOUBLE THROW (SPDT) - GREEN/BLUE BULB... NORMALLY OPEN OR NORMALLY CLOSED

A variation on the standard normally open or normally closed float switch, this float may be wired at installation to perform either operation but not both.

Specifications - Float & Cable

B8 Bulb Style Is 3.50" X 5.00"

Durable Polypropylene Shell

Solid Polyurethane Foam Filling

Mechanically Activated Micro-Switch

Non - Mercury Design

Operating Temperature Of 32-170 F

Chlorinated Polyethylene Cable

SJOOW-300 Volt - 18/2 Cable

SJOOW-300 Volt - 18/3 Cable For Spdt Design

Specifications - Electrical

Rated For 10 Amps @ 120 VAC Rated For 3 Amps @ 240 VAC Not For Use With 460 Volt Applications



Gold Contacts (GC) Must be added for Intrinsically Safe Applications.

Mounting Options

- C1 Zinc Plated, Cast-Iron Cord Weight (1.22 Lbs)
- C3 SS Clamp For Pipe Mount
- C4 Releasable Poly Tie Strap
- C7 Float Collar For 1.00" Pipe Mount









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CONTROL DUTY INTERNALLY WEIGHTED MERCURY & NON-MERCURY FLOAT SWITCH



B4 Non-Mercury B6

- Dura-Float Design Internally Weighted
- Heavy-Duty Construction for the Toughest Application
- B4 Foam Filled

Designed for accurate liquid level control in many applications including sewage and wastewater environments. The durable construction provides for leak-proof operation and tremendous impact resistance.

Operating Options

NORMALLY OPEN (N/O) - BLACK BULB... FOR PUMP DOWN APPLICATIONS

The mercury switch activates (contacts close) as the float rises 1.00" or 5 degrees above horizontal.

SINGLE POLE, DOUBLE THROW (SPDT) - BLACK BULB... NORMALLY OPEN OR NORMALLY CLOSED

A variation on the standard normally open or normally closed float switch, this float may be wired at installation to perform either operation but not both.

Specifications - Float & Cable

B4 Bulb Style Is 4.25" X 6.00"
B5 Bulb Style Is 4.25" X 6.00"
Durable Polypropylene Shell
Solid Polyurethane Foam Filling (B4 Style)
1.52g Mercury Tilt Switch
Operating Temperature Of 32-170 F
Chlorinated Polyethylene Cable
Sjoow-300 Volt - 18/2 Cable
Sjoow-300 Volt - 18/3 Cable For Spdt Design

Specifications - Electrical

Rated For 10 Amps @ 120 VAC
Rated For 3 Amps @ 240 VAC
Usable With 12-24 VDC Applications
Not For Use With 460 Volt Applications



Available For Use With Instrinsically Safe Circuits When Used With Proper Relays.

Non-Mercury B6

Gold Contacts (GC) Must be added for Intrinsically Safe Applications



Mounting Options

WMB-0100... Separate Item Listed In Brackets Custom Bracket Designed Specifically For Use With Dura-Floats Allows For Additional Mounting Options Including Float Poles.





CONTROL DUTY MERCURY & NON-MERCURY FLOAT SWITCH NARROW ANGLE



SF Mercury & Non-Mercury

- Stainless Steel Float Switch
- Super Durable Float for High Temperature(Mercury) & Chemical Applications

Designed for accurate liquid level control in many applications including chemical wash tanks, violent applications, high temperatures (Mercury), or sewage environments. This float's rugged stainless steel construction and heavy duty cable make it ideal for the most difficult float application.

Operating Options

NORMALLY OPEN (N/O) - SS BULB... FOR PUMP DOWN APPLICATIONS

The mercury switch activates (contacts close) as the float rises 1.00" or 5 degrees above horizontal.

NORMALLY CLOSED (N/C) -SS BULB... FOR PUMP UP APPLICATIONS

The mercury switch activates (contacts open) as the float rises 1.00" or 5 degrees above horizontal.

Specifications - Float & Cable

4.175" x 5.260" Stainless Steel Housing
Mercury Operating Temperature of 32°-221° F
Mechanical Operating Temperature of 32°-170° F
Chlorinated Polyethylene Cable
SOOW-600 Volt - 14/3 Cable
Mouting Bracket Included



Specifications - Electrical

Rated For 10 Amps @ 120 VAC Rated For 3 Amps @ 240 VAC Usable With 12-24 VDC Applications Not For Use With 460 Volt Applications

SF Mercury

Available For Use With Instrinsically Safe Circuits When Used With Proper Relays.

Mounting Options

WMB-0100... Separate Item Listed In Brackets
Custom Bracket that allows for simple float pole installation. Can be used in conjunction with supplied mounting equipment as an option.



PUMP DUTY MERCURY FLOAT SWITCH

WIDE ANGLE



BI and B2

- Pear Shaped Bulb
- Standard and Mini
- Available for 24 hour shipment in all cable lengths

Designed for accurate liquid level control in many applications including sewage and wastewater environments. Designed to handle direct pump control for sump pumps and other sewage ejectors with piggyback plug option available. The durable construction provides for leak-proof operation and tremendous impact resistance.

Operating Options

NORMALLY OPEN (N/O) - YELLOW BULB... FOR PUMP DOWN APPLICATIONS

The mercury switch contacts are open (or off) in the hanging position. As the float rises 45 degrees above horizontal, the contacts close and actuate the switch. The contacts then remain closed until the float switch returns to 45 degrees below horizontal.

NORMALLY CLOSED (N/C) - RED BULB... FOR PUMP UP APPLICATIONS

The mercury switch contacts are closed (or on) in the hanging position. As the float rises 45 degrees above horizontal, the contacts close and actuate the switch. The contacts then remain open until the float switch returns to 45 degrees below horizontal.

SINGLE POLE, DOUBLE THROW (SPDT) - BLUE BULB... NORMALLY OPEN OR NORMALLY CLOSED

A variation on the standard normally open or normally closed float switch, this float may be wired at installation to perform either operation but not both.

Specifications - Float & Cable

B1 Bulb (Std) Style Is 3.50" X 5.00"
B2 Bulb (Mini) Style Is 3.00" X 3.75"
Durable Polypropylene Shell
Solid Polyurethane Foam Filling
Wide Angle Mercury Tilt Switch
Operating Temperature Of 32-170 F
Chlorinated Polyethylene Cable
SJOOW-300 Volt - 16/2 Cable
SJOOW-300 Volt - 16/3 Cable For Spdt Design





Specifications - Electrical

Rated For 13 Amps @ 120 VAC, ½ HP Rated For 13 Amps @ 240 VAC, 1HP Not For Use With 460 Volt Applications

Piggyback Plug Options

PI - 120 Volt Piggyback Plug P2 - 230 Volt Piggyback Plug











Mounting Options

C1 - Zinc Plated, Cast-Iron Cord Weight (1.22 Lbs)

C3 - SS Clamp For Pipe Mount

C4 - Releasable Poly Tie Strap

C7 - Float Collar For 1.00" Pipe Mount



PUMP DUTY NON-MERCURY FLOAT SWITCH

WIDE ANGLE



B8 - S4, S6



- Pear Shaped Bulb
- Newest Mechanical Design
- Now in Standard Bulb
- Available for 48 hour shipment in all cable lengths

Designed for accurate liquid level control in many applications including sewage and wastewater environments. Designed to handle direct pump control for sump pumps and other sewage ejectors with piggyback plug option available. The durable construction provides for leak-proof operation and tremendous impact resistance.

Operating Options

NORMALLY OPEN (N/O) - GREEN BULB... FOR PUMP DOWN APPLICATIONS

The mechanical switch contacts are open (or off) in the hanging position. As the float rises 45 degrees above horizontal, the contacts close and actuate the switch. The contacts then remain closed until the float switch returns to 45 degrees below horizontal.

NORMALLY CLOSED (N/C) - GREEN/RED BULB... FOR PUMP UP APPLICATIONS

The mechanical switch contacts are closed (or on) in the hanging position. As the float rises 45 degrees above horizontal, the contacts open and actuate the switch. The contacts then remain open until the float switch returns to 45 degrees below horizontal.

SINGLE POLE, DOUBLE THROW (SPDT) - GREEN/BLUE BULB... NORMALLY OPEN OR NORMALLY CLOSED

A variation on the standard normally open or normally closed float switch, this float may be wired at installation to perform either operation but not both. Available in B1 bulb size only.

Specifications - Float & Cable

B8 Bulb (Std) Style Is 3.50" X 5.00"

Durable Polypropylene Shell

Solid Polyurethane Foam Filling

Mechanically Activated Mircoswitch

Non-Mercury Design

Operating Temperature Of 32-170 F

Chlorinated Polyethylene Cable

SJOOW-300 Volt - 16/2 Cable

SJOOW-300 Volt - 16/3 Cable For Spdt Design





Specifications - Electrical

S4 - Rated For 13 Amps @ $120 \,\text{VAC}$, $\frac{1}{2} \,\text{HP}$

S4 - Rated For 13 Amps @ 230 VAC, IHP

S6 - Rated For 15 Amps @ 120 VAC, 1HP

S6 - Rated For 15 Amps @ 230 VAC, 2HP

Not For Use With 460 Volt Applications

Piggyback Plug Options

PI - I20 Volt Piggyback Plug

P2 - 230 Volt Piggyback Plug



Mounting Options

C1 - Zinc Plated, Cast-Iron Cord Weight (1.22 Lbs)

C3 - SS Clamp For Pipe Mount

C4 - Releasable Poly Tie Strap

C7 - Float Collar For 1.00" Pipe Mount





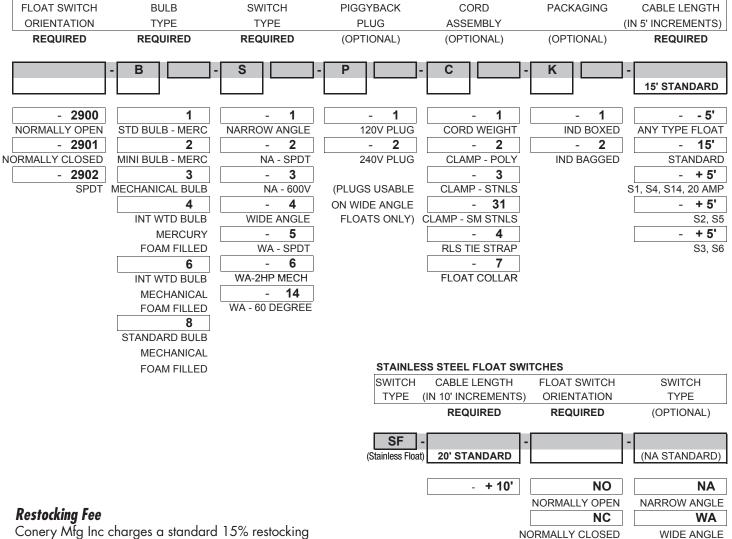




FLOAT SWITCH PART NUMBER & PRICE WORKSHEET

Instructions:

- A. Fill in the shaded blanks in the boxes below to determine exact part number (please note that many abbreviations are used—refer to catalog for complete descriptions)
- B. Reference the cost amounts below each letter/number designation to build the exact price
- C. Using the multiplier table (below & left), determine the quantity discount for net price
- D. Stainless floats & vertical floats have their own charts



Conery Mfg Inc charges a standard 15% restocking fee on approved returned goods.

Minimum Order Fee

Conery Mfg Inc reserves the right to include up to a \$5.00 minimum order fee for orders that are less than \$30.00 before shipping charges.

Shipping Information

Conery Mfg Inc ships all orders via FedEx Ground unless specified to be expedited or shipped by freight with a carrier of our choice. Expediting fees may apply.

Warranty - For full warranty information visit www.coneryMFG.com/warranty.



CORD MOUNTING ACCESSORIES & ANCHOR KITS



C10 - Zinc Plated Cord Weight



C20 - Pipe Mount w/ Poly Band Assembly



C30 - Pipe Mount w/ Stainless Band



C31 - Pipe Mount w/ Stainless Band



C40 - Releasable Tie



C70 - Pipe Mount Float Collar

Anchor Kit with CHAIN AKC-10-3

I-each 15 lb PVC Coated Yellow Anchor 2-each 1/4" Stainless Steel Shackles 3-each Stainless Steel Float Clamps 10' of 3/16" Type 304 Stainless Steel Chain

*Additional 3/16" chain (per foot)

*Additional cable clamps for attaching floats (each)

Floats not included.



AKC-10-3

Anchor Kit with Cable AKR-10-3

I-each I5 lb PVC Coated Yellow Anchor 2-each I/4" Stainless Steel Shackles 3-each Stainless Steel Float Clamps I0' of I/4" Type 304 Stainless Steel Cable

*Additional I/4" stainless steel cable (per foot)
*Additional cable clamps for attaching floats (each)
Floats not included.



AKR-10-3



CUSTOM CHAIN KITS - Call for additional sizes

Part Number	Description
SS316 - 10-2	3/16" Stainless steel chain kit - 10' of chain & 2-1/4" shackles
SS140 - 10-2	1/4" Stainless steel chain kit - 10' of chain & 2-5/16" shackles
SSC14 - 10-2	1/4" Stainless steel cable kit - 10' of cable & 2-1/4" shackle

*Add additional chain footage or shackles per the individual list prices noted above

Change the (10) number to actual chain footage Change the (2) number to actual number of shackles

Bulk chain is always available in drum quantities. For quantity use - Please call for up-to-date pricing



STAINLESS STEEL CHAIN - Call for additional sizes

Grade 30 Proof			
Coil Size	Drum Qty (ft)	SWL (lbs)	Wgt/ft (lbs)
1/8"	1,500	375	0.25
3/16"	1,500	1,200	0.45
1/4"	800	2,600	0.78
5/16"	550	3,900	0.97
3/8"	400	5,400	1.67
1/2"	200	9,200	2.25



STAINLESS STEEL SHACKLES - Call for additional sizes

Size	Fits to Size Chain	SWL (lbs)	Wgt/ea (lbs)
3/16"	1/8"	500	0.07
1/4"	3/16"	667	0.09
5/16"	1/4″ and under	1,000	0.15
3/8"	5/16'' and under	1,500	0.31
1/2"	3/8" and under	3,000	0.73
5/8"	1/2" and under	4,000	1.26



STAINLESS STEEL QUICK LINK

Size	SWL (Ibs)	Wgt/ea (lbs)
3/16"	65Ò ´	0.06
1/4"	880	0.08
5/16 "	1,700	0.18
3/8"	2,200	0.31
1/2"	3,300	0.51



TYPE 304 STAINLESS STEEL CABLE

Size	Spool Qty	SWL (lbs)	Wgt/ft (lbs)
1/4"	1,000	1,600	0.11
5/16"	1,000	2,250	0.17



CHAIN & CABLE ACCESSORIES

Description	SWL (lbs)	Wgt/ft (lbs)
Alloy steel grab link	6,400	1.92
Pump Grabber	7,300	4.0
5/16" - 316 Stainless steel eye bolt	780	0.05
3/8" - 316 Stainless steel eye bolt	1320	0.07
1/4" Stainless steel wire clamp	N/A	0.05



QUICK DISCONNECT VALVE SYSTEMS, BALL VALVES, GATE VALVES & HANDLES

The quick disconnect retrofit system easily converts existing basins to use any 1.25" or 2.00" vertical discharge pump. Cast iron horizontal ball valve with stainless steel components. High pressure, oil resistant hose with threaded ends. To install thread the stainless steel flange to the existing gate valve and hook the QDV hose to your pump. Slide your pump into the basin and the QDV over the flange and you are done.



QUICK DISCONNECT VALVE

ItemDescriptionQDV 1251.25" Quick Disconnect ValveQDV 2002.00" Quick Disconnect ValveQDV 125 Seal1.25" Replacement Rubber FlangeQDV 200 Seal2.00" Replacement Rubber Flange



STAINLESS STEEL QUICK DISCONNECT FLANGE

ItemDescriptionSFL 1251.25" Stainless Steel Quick Disconnect FlangeSFL 2002.00" Stainless Steel Quick Disconnect Flange



QUICK DISCONNECT HOSE

Item Description
QDHS 125 1.25" Quick Disconnect Hos

QDHS 125 1.25" Quick Disconnect Hose (priced per foot)
QDHS 200 2.00" Quick Disconnect Hose (priced per foot)

^{*} Please specify desired length in feet



BRONZE & 316 SST GATE VALVES

- Bronze or 316 SST Forged Body
- Each Valve Individually Tested
- Full Port Design

Description
1.25" Bronze Gate Valve
2.00" Bronze Gate Valve
1.25" 316 SST Gate Valve
2.00" 316 SST Gate Valve



VALVE HANDLES

 Item
 Description

 QDVHD 24
 24.00" Stainless Steel Threaded Removal Handle

QDVHD 36 36.00" Stainless Steel Threaded Removal Handle GVE 24 2.00' Stainless Steel Gate Valve Extension Rod GVE 36 3.00' Stainless Steel Gate Valve Extension Rod



CAST IRON BALL CHECK VALVES

Item	Description
CIBV125	1.25" Ball Check Valve w/tabs
CIBV150	1.50" Ball Check Valve w/tabs
CIBV200	2.00" Ball Check Valve w/tabs

CIBC125 1.25" Ball Check Valve w/o tabs
CIBC150 1.50" Ball Check Valve w/o tabs
CIBC200 2.00" Ball Check Valve w/o tabs

TANK VENTS

Green tank vents are ideal for providing vacuum relief and excellent for venting sewer gasses. The epoxy sealed stainless steel screen will eliminate insects from entering the basin. The rigid welded steel construction and the durable powder coated finish slows the corrosion of the components and provides a clean look for installation. Vents may be purchased separately or as a kit with a Schedule 80 PVC close nipple and a fiberglass reinforced plastic flange that is UV resistant.







ltem	Description
MGV2	2.00" Vent
MGV3	3.00" Vent
MGV4	4.00" Vent
MGV6	6.00" Vent

VENT KITS

(Includes Close Nipple and Fiberglass Flange with Vent)

	11
Item	Description
MV2KT	2.00" Vent Kit
MV3KT	3.00" Vent Kit
MV4KT	4.00" Vent Kit

CLOSE NIPPLES

item	Description
CN2	2.00" Schedule 80 PVC Close Nipple
CN3	3.00" Schedule 80 PVC Close Nipple
CN4	4 00" Schedule 80 PVC Close Nipple

FIBERGLASS FLANGES

ltem	Description
FL2	2.00" Fiberglass Reinforced Plastic Flange
FL3	3.00" Fiberglass Reinforced Plastic Flange
FI4	4.00" Fiberalass Reinforced Plastic Flange



ODOR ELIMINATING VENT

Item Description TV2 2.00" Vent

CTV2 2.00" Vent with Activated Carbon

CTVR Replacement Carbon

- Non-Corrsosive ABS
- EZ Installation
- Eliminates Odors with Activated Carbon
- Snap Top for Media Replacement
- Cost Effective
- Multiple Mounting Options with 2" Adapt-a-flex or 2" Female Fittings



BASIN HUBS, COUPLINGS & ADAPT-A-FLEX FITTINGS



CAST IRON INLET HUB

Fits Curvature of Basin	CIH 400	4.00" Cast Iron Inlet Hub
 Includes Nuts, Bolts and Washers 	CIH 600	6.00" Cast Iron Inlet Hub
• CIH 400/600/800	CIH 800	8.00" Cast Iron Inlet Hub



STAINLESS STEEL FULL COUPLINGS

1.25" Stainless Steel Full Coupling
2.00" Stainless Steel Full Coupling





PLASTIC FULL COUPLINGS

Recommended for Electrical Couplings	PFC 125	1.25" Plastic Full Coupling (Nylon)
• Includes Nuts, Bolts, and Washers	PFC 150	1.50" Plastic Full Coupling (Nylon)
• PFC 125/150/200	PFC 200	2.00" Plastic Full Coupling (Nylon)



ADAPT-A-FLEX FITTING

Provides Water and Vapor Seal	AAF-050	0.50" Fitting
No Gaskets or Sealants Required	AAF-075	0.75" Fitting
Weather and Corrosion Resistant	AAF-100 AAF-125	1.00" Fitting 1.25" Fitting
• AAF 050-640	AAF-150	1.50" Fitting
	AAF-200	2.00" Fitting
	AAF-300	3.00" Fitting
	AAF-435	4.00" Fitting (Schedule 35)
	AAF-440	4.00" Fitting (Schedule 40)
	AAF-635	6.00" Fitting (Schedule 35)
	AAF-640	6.00" Fitting (Schedule 40)



FLEXIBLE ENTRY HUBS

Flexible entry hubs are an ideal solution to provide sure sealing at pipe entry into the basin.

•	Provides Water and Vapor Seal
•	No Gaskets or Sealants Required
•	Weather and Corrosion Resistant
•	Bolts through Basin Wall



ltem	Description
FEH-125	1.25" Boot
FEH-150	1.50" Boot
FEH-200	2.00" Boot
FEH-300	3.00" Boot
FEH-400	4.00" Boot
FEH-600	6.00" Boot

Outdoor High Water Alarms

Designed to sound an audible alarm and illuminate a 360° red beacon light to notify an alarm situation. Equipped with silence button with automatic reset and individual test button. Includes 15' mechanical float.









EXTI5H II Outdoor Alarm

- NEMA 4X rated for outdoor use
- Poly Carbonate enclosure (6.0" x 4.0" x 3.5")
- 85 db alarm buzzer
- 120 VAC electrical rating
- Auxiliary contacts (5 AMP max @ 240 VAC)
- Made in USA
- UI Rated
- Pump Operation up to 3/4 HP Pump
- Float Included

JBI5H II Outdoor Alarm

- NEMA 4X rated for outdoor use
- Poly Carbonate enclosure (6.0" x 4.0" x 3.5")
- 85 db alarm buzzer
- 6' 120 VAC power cord
- Float Included
- Made in USA

Indoor High Water Alarms

Designed to sound an audible alarm and illuminate a red L.E.D. to notify an alarm situation. Equipped with green "power on" L.E.D., test button, and horn/silence switch with auto reset. Includes 15' mechanical float.



BBI5H Indoor Alarm

- NEMA 1 rated for indoor use
- Non-metallic enclosure (5.500" x 3.750" x 3.750")
- 85 db alarm buzzer
- 6' 120 VAC power cord



TAI5H Indoor Alarm

- NEMA 1 rated for indoor use
- Metallic enclosure (6.000" x 4.000" x 2.500")
- 85 db alarm buzzer
- 6' 120 VAC power cord
- External quick connect tabs for float installation

ALARM OPTIONS

Item Description
MF Mercury Float Option

Additional Cable Lenth (Per Foot)

C10 Cord Weight

Adjust "15" in part number to designate actual cord length



Designed to insulate and house electrical wiring for indoor and outdoor applications. Especially well suited for corrosive or chemical environments. Simple installation, light weight, and easy drilling, punching, and cutting in any application. All components used are UL and cUL listed.

Specifications

The 3.50" x 5.50" x 4.00" and the 5.50" x 7.50" x 4.00" junction boxes are made of a durable polypropylene. They are rated for NEMA Types 1, 2, 3, 4X, 6, 6P, 12, and 13 and come standard with hinged lids and captive stainless steel screws with moldewd on mounting feet for easy maintenance and installation. The 8.00" x 8.00" x 4.00" junction box is made of a strong polycarbonate. It is rated for NEMA Types 1, 2, 3, 4X, 6, 12, and 13 and comes standard with a hinged lid and stainless steel screws.







3.5" X 5.5" X 4.0" OPTIONS

ltem	Description
JB 35	NEMA 4X junction box only
JB 35A	NEMA 4X junction box with 1 each 1.50" conduit hub and
	3 each 0.50" cord grips
JB 35B	NEMA 4X junction box with 1 each 1.50" conduit hub and
	4 each 0.50" cord grips
JB 35C	NEMA 4X junction box with 1 each 1.50" conduit hub and
	5 each 0.50" cord grips
JB 35D	NEMA 4X (Custom) junction box to your specifications

5.5" X 7.5" X 4.0" OPTIONS

2.0	
Item	Description
JB 57	NEMA 4X junction box only
JB 57A	NEMA 4X junction box with 1 each 1.50" conduit hub and
	4 each 0.50" cord grips
JB 57B	NEMA 4X junction box with 1 each 1.50" conduit hub and
	5 each 0.50" cord grips
JB 57C	NEMA 4X junction box with 1 each 2.00" conduit hub,
	4 each 0.50" cord grips & 2 each 0.75" cord grips
JB 57D	NEMA 4X (Custom) junction box to your specifications

8.0" X 8.0" X 4.0" OPTIONS

Item	Description
JB 88	NEMA 4X junction box only
JB 88A	NEMA 4X junction box with 1 each 1.50" conduit hub and 5 each 0.50" cord grips
JB 88B	NEMA 4X junction box with 1 each 2.00" conduit hub,
	4 each 0.50" cord grips & 2 each 0.75" cord grips
JB 88C	NEMA 4X (Custom) junction box to your specifications













UF Grip 0.71" - 1.00" 0.45" - 0.71" 0.17" - 0.47" 12/2 & 12/3 - AWG flat wires

CONDUIT HUBS

1.50", 2.00"



CONERY TEAM









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Warranty

Conery Mfg Inc warrants to the original consumer that this product shall be free from manufacturing defects for three years after the date of manufacture. During that time period and subject to the conditions set forth below, Conery Mfg Inc will repair or replace, for the original consumer, any component which proves to be defective due to defective materials or workmanship of Conery Mfg Inc.

This warranty does not apply to the misapplication of the products, defects or malfunctions resulting from failure to properly install, operate, or maintain the unit in accordance with the manufacturers instructions, failures resulting from abuse, misuse, accident, or negligence of the product, damage due to lightning or other "Acts of God," or units which are not installed in accordance with applicable local codes, ordinances, or accepted trade practices.

Warranty is void if installation, service, or repair of any component of the product is performed by anyone other than a licensed electrician or other qualified service personnel.

It is the full responsibility of the original consumer to return defective product or component at their own expense. The consumer shall take full responsibility for the removal, shipping, and reinstallation of the product or component. To return a product under warranty, the original consumer should contact Conery Mfg Inc by telephone and request an RG A (Return Goods Authorization) form. It is the responsibility of the consumer to fill out, in completion, the form and return it with the defective products to Conery Mfg Inc. Conery Mfg Inc may also include a 15% restocking fee for non-defective products that were incorrectly ordered by the consumer.

Any implied warranties of merchantability or fitness are limited to the duration of this written warranty. Conery Mfg Inc shall not, in any manner, be liable for any incidental or consequential damages as a result of a breach of this written warranty or any implied warranty.

Conery Mfg Inc reserves the right to change any and all of the information contained in this warranty with no prior notice.

Restocking Fee

Conery Mfg Inc charges a standard 15% restocking fee on returned goods.

Minimum Order Fee

Conery Mfg Inc reserves the right to include up to a \$5.00 minimum order fee for orders that are less than \$30.00 before shipping charges.

Shipping Information

Conery Mfg Inc ships all orders via FedEx Ground unless specified to be expedited or shipped by freight with a carrier of our choice.

CONERY MANUFACTURING | 1380 ENTERPRISE PARKWAY ASHLAND, OHIO 44805 UNITED STATES

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