

## ROLLING DAMPER

RollSeal Shutter

### Tools Required:

3/8 in. (10 mm) Power screwdriver (Portable)  
 3/16 in. (5 mm) Drill bit & power drill  
 Sheet metal screws  
 Carpenter's level  
 Lag bolts (supplied)  
 Socket  
 Tape measure

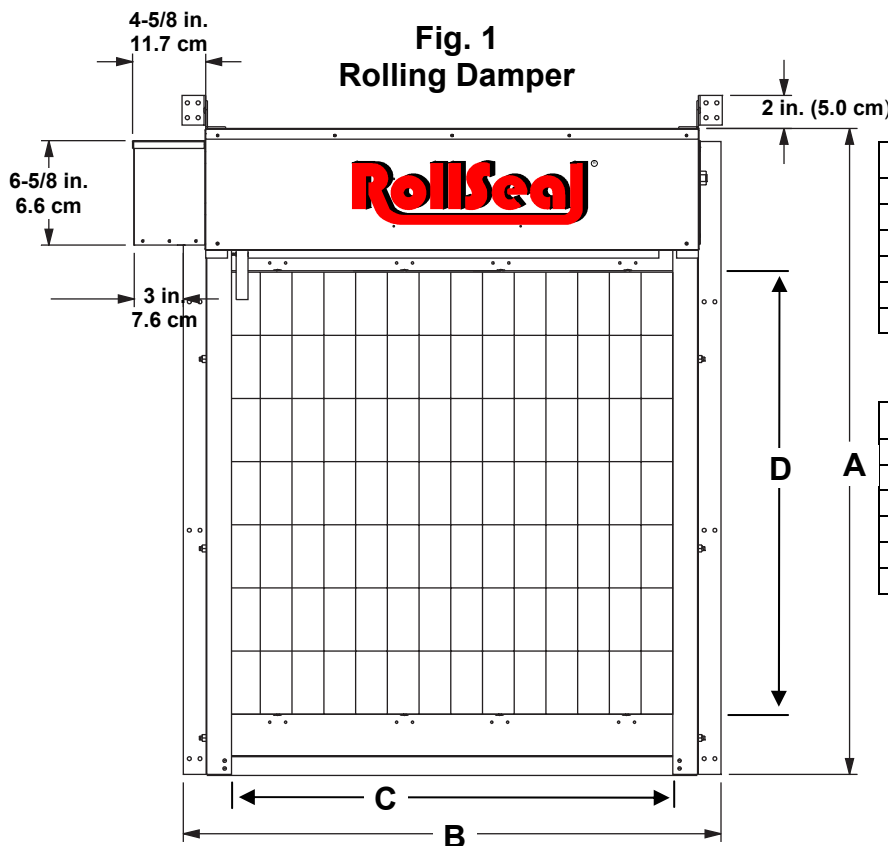
### Power Specifications:

Power Supply	Fan Connection
115/230 VAC, 1.6A Max	115/230 VAC
50/60 Hz	50/60 Hz

## ⚠ Warning!

Disconnect All Power Sources Before Installing This Piece Of Equipment. Failure To Disconnect Power Source Can Result In Property Damage, Serious Injury, Or Death.

1. Fig. 1 below gives dimensions of rolling damper systems.



### Overall Shutter Dimensions

Size	A (in)	A (cm)	B (in)	B (cm)
24" Mega Flow	41	104.1	34	86.4
36" Mega Flow	53	134.6	46	116.8
36" Funnel Flow	55	139.7	48	121.9
48" Mega Flow	65	165.1	58	147.3
48" Funnel Flow	67	170.2	60	152.4
52" Mega Flow	67	170.2	62	157.5

### Clear Opening Dimensions

Size	C (in)	C (cm)	D (in)	D (cm)
24" Mega Flow	28	71.1	28	71.1
36" Mega Flow	40	101.6	40	101.6
36" Funnel Flow	42	106.7	44	111.8
48" Mega Flow	52	132.1	52	132.1
48" Funnel Flow	54	137.2	56	142.2
52" Mega Flow	56	142.2	56	142.2

## NOTICE

Use Of This Product In Timer Fan Applications Will Void The Manufacturer' Warranty.

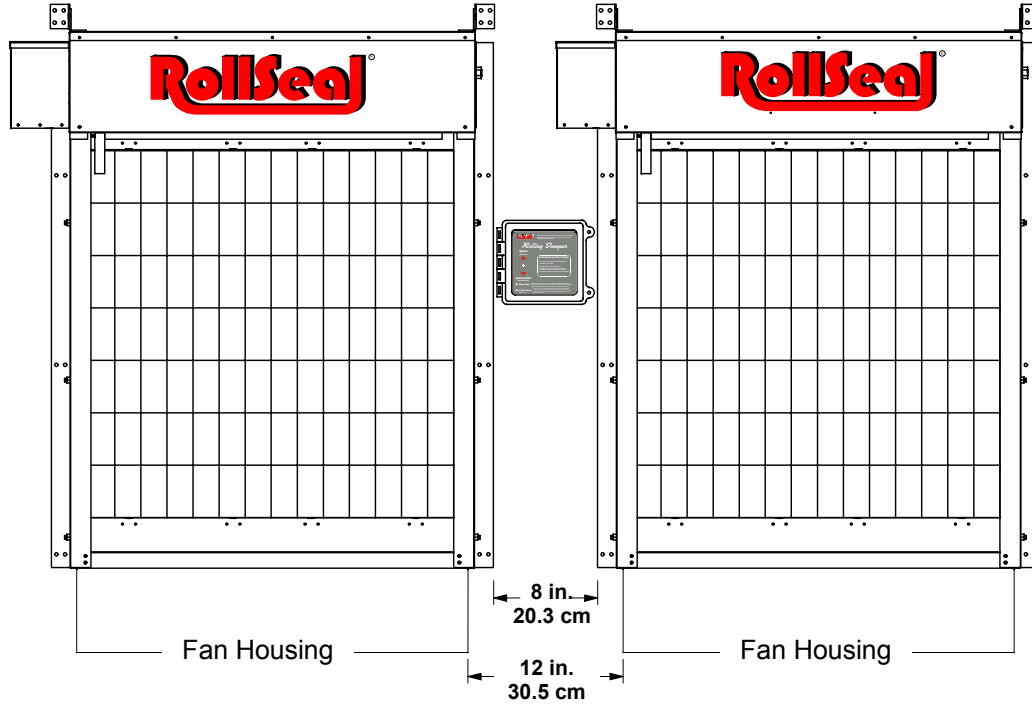
### LIMITED WARRANTY

All products are warranted to be free from defects in material and workmanship for a period of one (1) year or 100,000 cycles, whichever occurs first, from the date of purchase if installed and used in strict accordance with the installation instructions. Liability is limited to the sale price of any products proved to be defective or, at manufacturer's option, to the replacement of such products upon their return. No products are to be returned to the manufacturer, until there is an inspection and/or a return goods authorization (RGA) number is issued. All concerns should be directed first to the authorized distributor who sold the product. If satisfaction is not obtained or the name of the distributor is not known, write the manufacturer that appears below, directed to the attention of Customer Service Manager. This limited warranty is expressly in lieu of any and all representations and warranties expressed or implied, including any implied warranty or merchantability or fitness for a particular purpose. The remedy set forth in this limited warranty shall be the exclusive remedy available to any person. No person has authority to bind the manufacturer to any representation or warranty other than this limited warranty. The manufacturer shall not be liable for any consequential damages resulting from the use of our products or caused by any defect, failure or malfunction of our products. (Some areas do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you). This warranty gives you specific legal rights and you may also have other rights that vary from area to area.

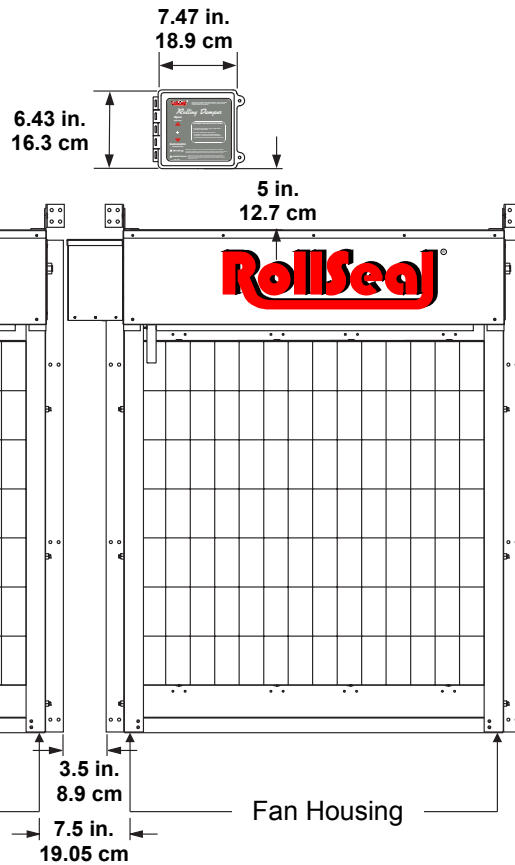
2. Rolling dampers must be positioned to provide space to mount controller. Follow dimensions given below for positioning rolling dampers.

If controller is mounted between rolling dampers, position rolling dampers with a minimum of 12 in. (30.5 cm) between fan housings.

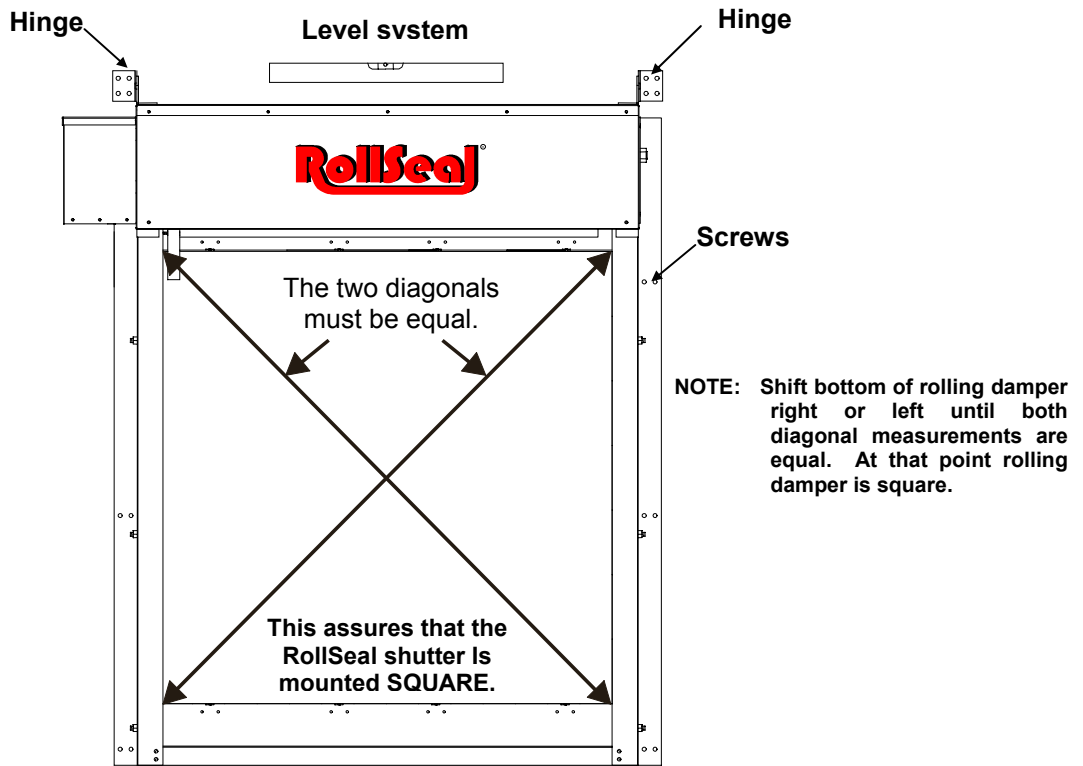
NOTE: Maintain minimum distances between fans as shown in these diagrams.



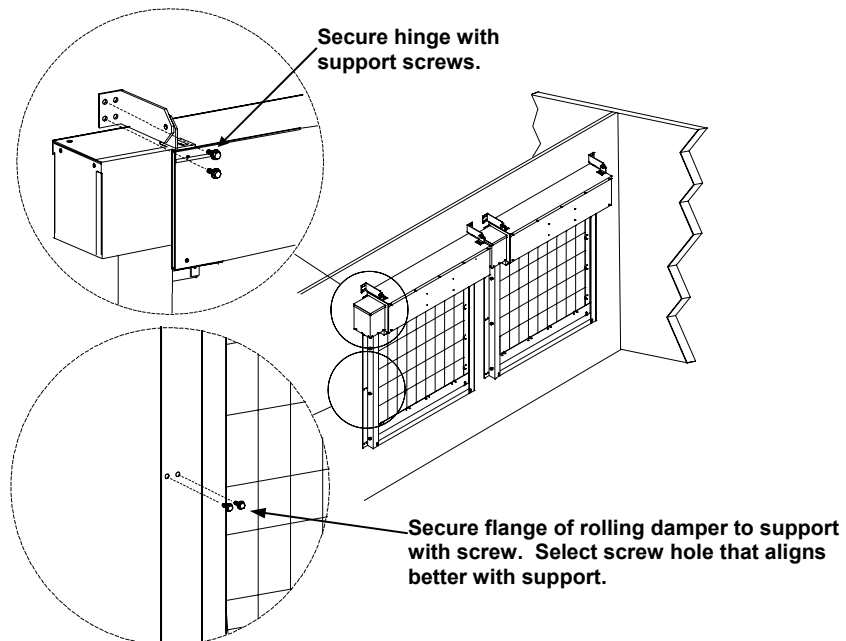
3. If controller is mounted above rolling dampers, controller should be at least 5 in. (12.7 cm) from rolling dampers. The rolling dampers should be positioned with a minimum of 7.5 in. (19.1 cm) between fan housings or 3.5 in. (8.9 cm) between flanges of rolling dampers.



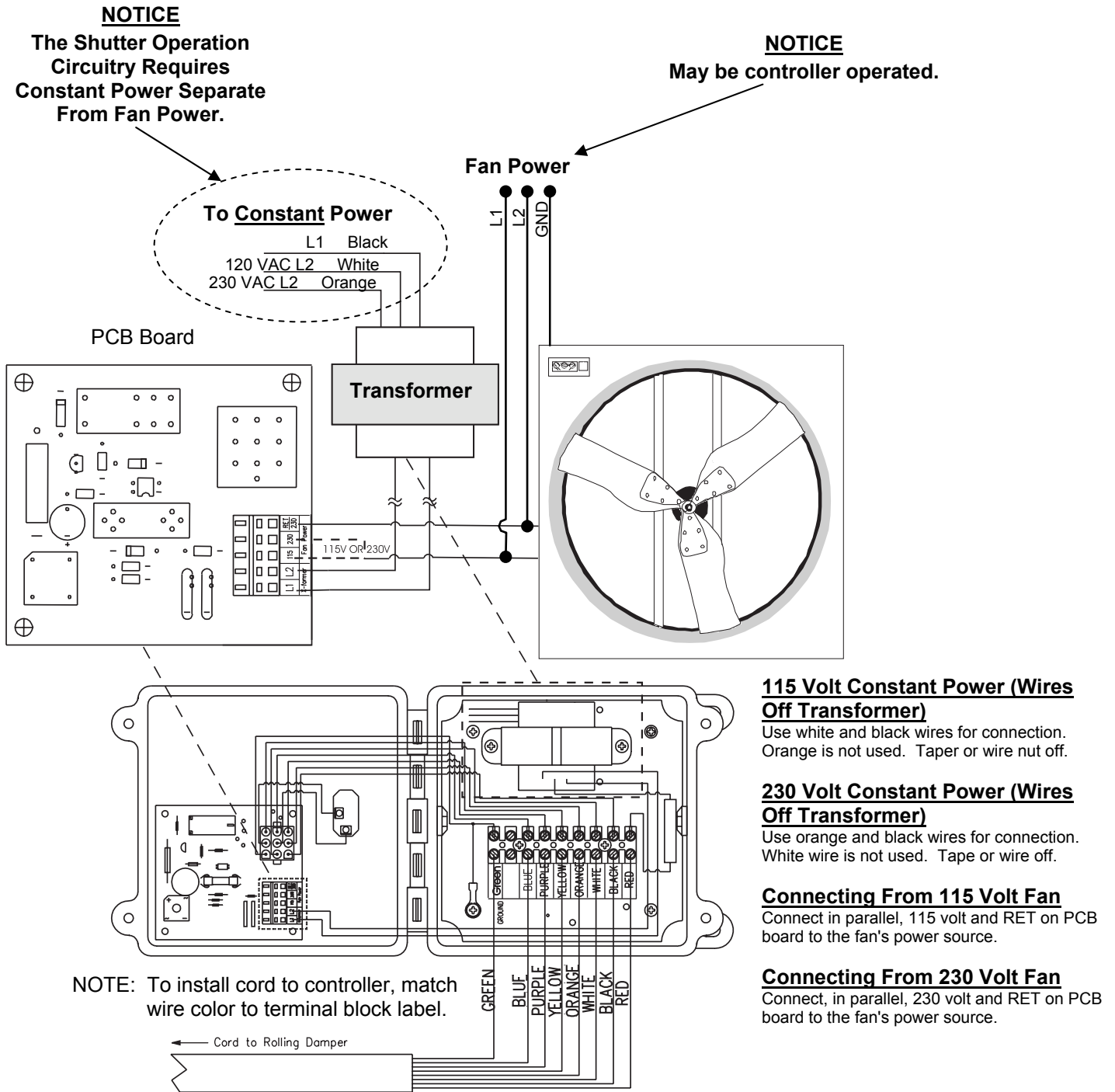
- When mounting the RollSeal, the frame of the curtain should fit the opening of the fan as closely as possible to prevent blocking air flow. When the openings are matched, level the top and the sides (leveling is very important, as the curtain may bind if not leveled properly).



- There are three pairs of holes pre-drilled down each side of rolling damper flange as shown in diagram below. For each pair of holes, select hole that lines up better with support structure (fan or wall). Secure flange of rolling damper to support structure with sheet metal screws provided.
- There are two hinges at the top of the assembly, as shown in Fig. 1. Each hinge has 4 pre-drilled holes. Use lag bolts provided. Attach hinge to support structure. Secure 2 of 4 holes on each hinge. At this point, fan can be accessed by simply removing the screws from the sides and lifting the entire frame on the hinges.



- Connect cord from rolling damper to controller as shown in diagram below. Match wire colors to colors on terminal block label.



- The RollSeal has a switch on the control box that allows the curtain to operate automatically or manually. When the RollSeal is mounted and power is installed, check the operation of the RollSeal by pressing the switch to "OPEN". The curtain should open to within one to three inches from the top. Place the switch in the "AUTOMATIC" position, and the curtain should return to the closed position, touching the frame at the bottom. If all checks well, your RollSeal is now ready for use and should be placed in the "AUTOMATIC" position for normal operation.
- Installation complete.

<b>REPLACEMENT PARTS</b>			
6421-1521	Floating Velcro for 24" MF/FF left side	3017-5010	Motor 24vdc
6421-4075	Floating Velcro for 24" MF/FF right side	6421-0009	Panel for 24" MF/FF
6421-4078	Floating Velcro for 36" MF left side	6421-0010	Panel for 36" MF
6421-4077	Floating Velcro for 36" MF right side	6421-0011	Panel for 48" MF
6421-4080	Floating Velcro for 36" FF left side	6421-0030	Panel for 52" MF
6421-4079	Floating Velcro for 36" FF right side	6421-0016	Panel for 36" FF
6421-4082	Floating Velcro for 48" MF left side	6421-0017	Panel for 48" FF
6421-4081	Floating Velcro for 48" MF right side	3001-1572	Safety switch long arm
6421-4084	Floating Velcro for 48" FF or 52" MF left side	3001-2862	Single pole single throw toggle switch
6421-4083	Floating Velcro for 48" FF or 52" MF right side	3001-6005	Motor limit switch
3010-2141	Fuse 1.6 Amp	6421-9162	Limit switch assembly for left side
6407-3039	Transformer Assembly	6421-1515	Limit switch assembly for right side
6421-0102	RollSeal Control Board	0404-5638	Tension pipe 52" MF
6450-5000	Hardware Kit	0404-4047	Tension pipe 48" MF
6421-1516	Motor/Switch Assembly for left side	0404-4048	Tension pipe 36" MF
6421-9230	Motor/Switch Assembly for right side	0404-4049	Tension pipe 24" MF/FF
		0404-4142	Tension pipe 48" FF