



# Electronic Pet Door Owner's Manual

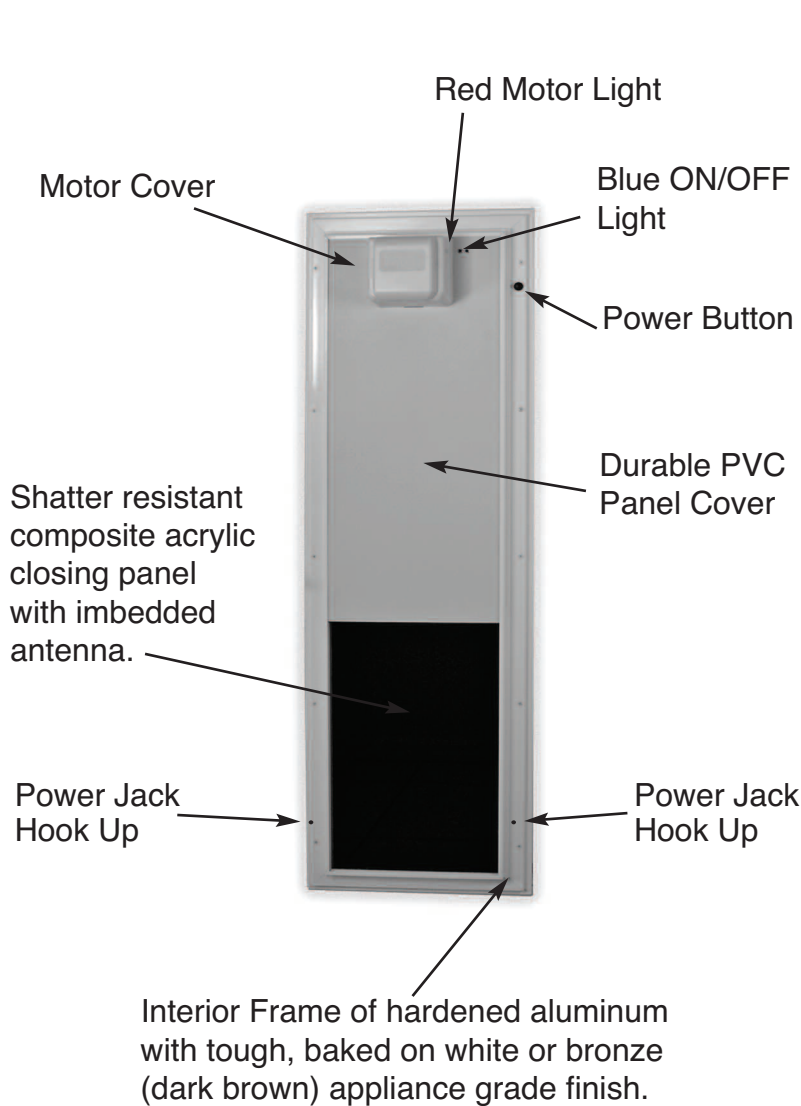
**IMPORTANT:** You must use a surge protector with this electronic pet door. Voltage dips and surges can damage the circuit board and components.

[www.Plexidors.net](http://www.Plexidors.net)



\*U.S. Patents Pending  
\*Patents Pending Worldwide

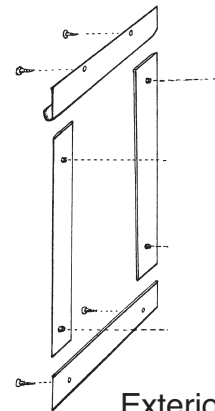
# Plexidor® Electronic Pet Door and Components



RFID Collar Key  
(2 Keys Included)



12 volt Transformer and  
15ft. Power Cord



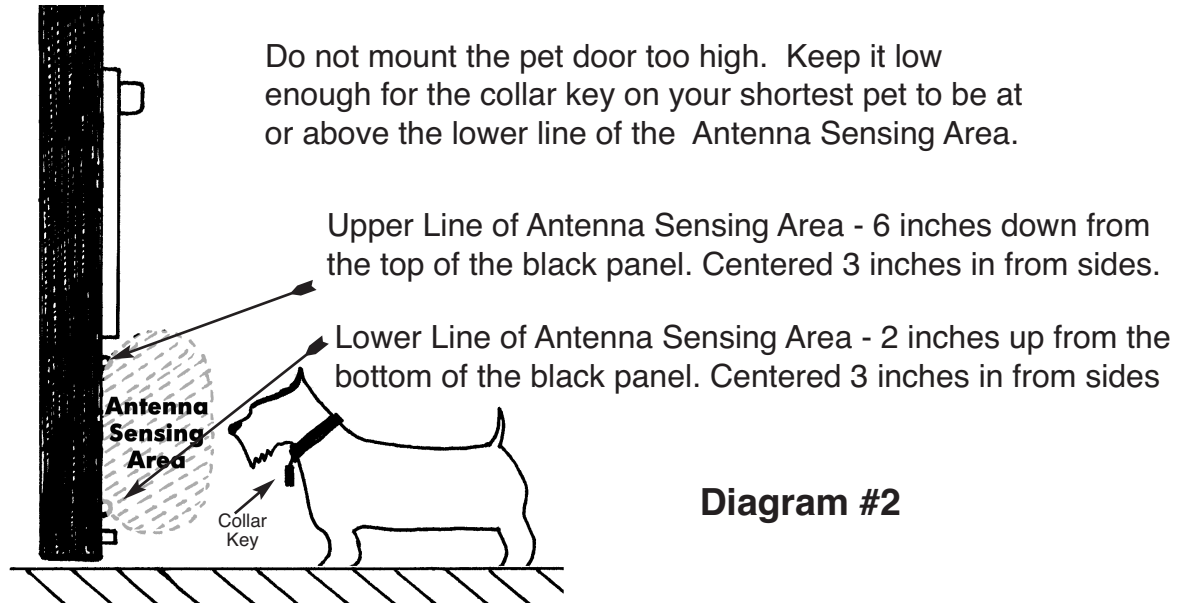
Exterior Frame

**Diagram #1**

**IMPORTANT:** You must use a surge protector with this electronic pet door. Voltage dips and surges can damage the circuit board and components.

# Types of Installations

**IMPORTANT:** Before any installation you must first determine the proper height positioning for the pet door according to the diagram #2.



**Diagram #2**

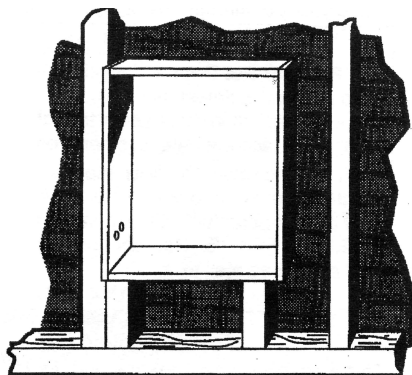
## Door Installation:

Follow the instructions on the template that came with your The Plexidor® Electronic Pet Door.

## Wall Installation:

You may build your own tunnel to finish out the interior of the cut hole, see diagram #3, or you may purchase a **Wall Tunnel Kit** from your dealer. See the Plexidor® Electronic Pet Door template for more instructions. If you are using a Plexidor® Wall Tunnel Kit see the instructions included with the tunnel kit.

The Plexidor® Electronic Pet Door can be plugged in using the power cord provided, or you may have an electrician hard wire the power cord into the wall.



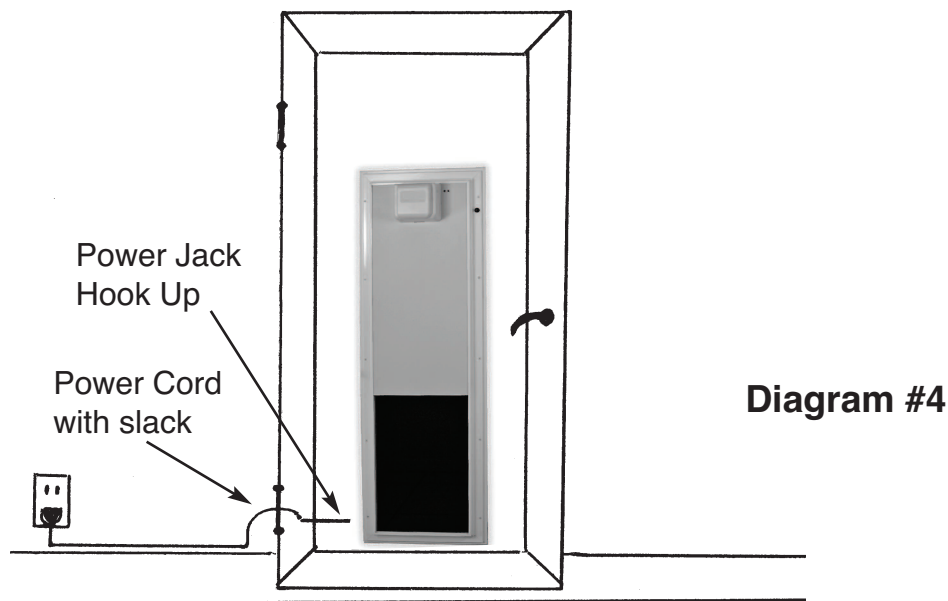
Example of a wall tunnel framing for a Plexidor® Electronic Pet Door.

**Diagram #3**

## Power Cord:

The Plexidor® Electronic Pet Door can be plugged in using the transformer and 15ft. power cord provided. There are 2 power jacks on the pet door. See diagram #1. One is on the left side of the door and one is on the right side of the door so you can use the power jack that is closest to your outlet.

Attach the power cord along the wall. Use the nylon wire holders provided to keep the wire neat and tight against the wall. Leave a loop of slack over the hinge of the door. This will prevent the power cord being pinched when the house door is opened and closed. Leave enough slack in the power cord over the hinge that the wire can move freely as the house door is opened and closed. See diagram #4.



## Hard Wiring for Power:

In a wall installation, you also have the option of having an electrician hard wire the pet door. The electrician will plug the transformer (black 12 volt power supply) into an outlet. **\*IMPORTANT: This outlet needs to be installed by a licensed electrician.**

### Technical Notes for Electrician

The pet door can be hard wired as follows: Cut the end of the low voltage wires and twist them. Remove the 2 blue wires from the circuit board and put the 2 transformer wires where the 2 blue wires were at the top of the circuit board.

## **Pet Door Operation:**

When the pet door is plugged in it will start up and be ready to operate immediately. You can plug the transformer into either the right side of the pet door or the left side of the pet door, depending on where your electrical outlet is located. The pet door is preprogrammed at the factory to open for the 2 collar keys included with the pet door. Placing the collar key in the antenna sensing area will open the pet door. The pet door will open for 9 seconds and then close. This open time is set at the factory. You can set the pet door to remain open for 1 second to 15 seconds. See Diagram #8 for detailed instructions on changing pet door open times.

**Turn On Pet Door:** Plug the transformer into an outlet. This will automatically turn on the pet door. If the pet door has been turned off by using the Black Power Button, then simply press the Black Power Button and the door will be in the On/Ready State. After a power outage when the power comes back on the pet door will automatically reset itself to ON/Ready State.

**On/Ready State Indicator:** The blue ON/OFF Light is on and blinking every 1.5 seconds. The pet door is on and waiting to read a collar key to open for your pet.

**Turn Off Pet Door:** Push the Black Power Button and hold for 3 seconds.

**OFF State Indicator:** When the pet door is off, but receiving power, the Blue ON/OFF Light will blink every 3 seconds.

**No Power:** If the pet door is not receiving power, none of the lights will be on or blinking. When power is restored or reconnected the pet door will automatically reset itself to ON/Ready State.

### **Alarm States -**

**1) Pet Door is Blocked from Closing** - If the panel of the pet door gets blocked from closing completely the pet door will first attempt 3 times to close itself. If it is not able to close then the Blue ON/OFF Light will go to solid and there will be a muted beeping approximately once per second. The Green Program Button will also be blinking, but this will not be visible as it is behind the panel cover.

If the item that is blocking the panel from closing is removed before the 3rd attempt the pet door will automatically complete its cycle and return to ON/Read State.

Remove the item blocking the pet door and then press the Black Power Button to reset.

**2) Attempted Forced Opening of Pet Door-** If someone tries to force the panel up to open the pet door the Blue ON/OFF Light will start flashing and there will be a constant alarm beep approximately 2 times per second.

To reset the door simply press the Black Power Button and the door will return to ON/Ready State. The pet door will not open for a collar key until the Black Power Button has been pressed to reset the door.

**Recommended Maintenance:** Vacuum out dirt and debris from panel tracks periodically.

## **Training Your Pet to Use the Plexidor® Electronic Pet Door:**

Your pet needs to realize that they can go in and out of the pet door. Some pets will get the idea right away when they approach the door with the collar key on and they see the pet door opening.

If further training is needed, you can keep the pet door in the open position and then coax your pet through with a treat. Do this several times to get your pet used to going in and out. **Never** force your pet through the pet door. To keep the pet door in the open position you hold the collar key in front of the pet door until it opens. When the panel reaches the fully open position pull out the power plug. After your pet has gone through a few times return the pet door to its normal closed position. To do this simply plug it back in and it will reset itself. Then call your pet from the other side of the pet door and when your pet comes through give them a treat. Do this a few times. That should be all the training required.

If your pet is not getting close enough to make the door open, use the brown training stickers provided with the template. Put a sticker “button” on both sides of the sliding panel. Then teach the dog to touch the button with their nose.

**IMPORTANT: Never force your pet through the pet door.**

### **Programming Collar Keys:**

Your Plexidor® Electronic Pet Door will arrive with 2 collar keys that have been programmed to match the pet door. If you need to order more collar keys or replacement collar keys you will program them as follows below. You may program as many collar keys as you need. To program collar key(s):

1. Remove the motor cover by squeezing from both sides and tipping the motor cover down and out. Once the motor cover is removed you will see the metal spring, motor and green circuit board of the control panel.

The Program Button, Test Button and green LED Program Light are marked on the green board. See diagram #5.

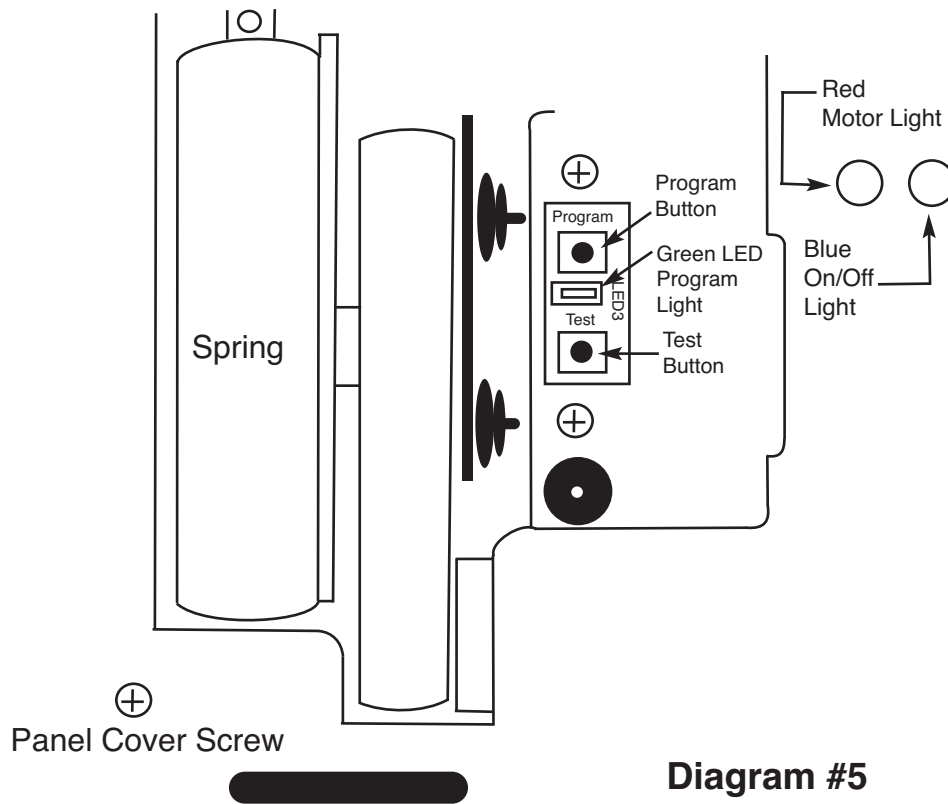
2. Take the collar key that you wish to program and bring it in front of the antenna loop area of the pet door. See diagram #2. Hold the collar key in this area until you see the blue ON/OFF light flash.

3. Push and hold the Program Button for approximately 4 seconds, until the Program Light flashes green and you hear a quick beep. The collar key is now programmed.

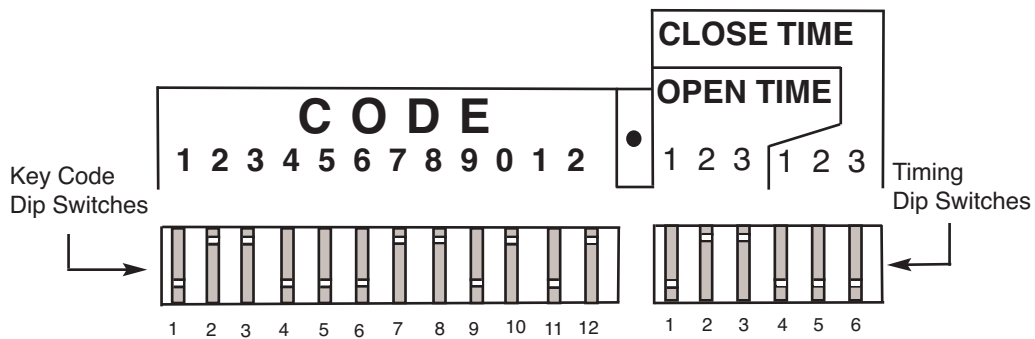
4. Check to make sure the key is properly programmed by holding the collar key in the antenna sensing area. The door should open. If the door does not open, check that the blue ON/OFF light is on and blinking approximately every 1.5 seconds. This is to ensure that the pet door is receiving power. If the blue ON/OFF light is on and blinking, then repeat steps 1 through 3 above.

When the blue ON/OFF light is rapidly blinking the door is sensing a collar key that has not been programmed.

**Diagram of Plexidor® Electronic  
Motor Area With Cover Off**



**Diagram of Plexidor® Electronic  
Code Panel Dip Switches for Programming  
Collar Keys and Door Open/Close Timing**



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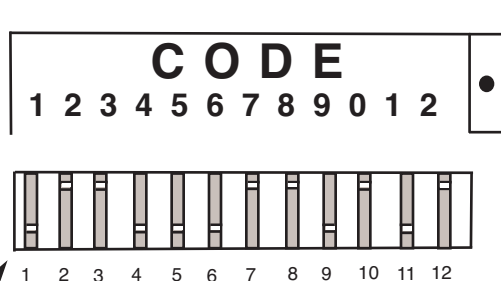
**Diagram #6**

## Matching 2 or More Plexidor® Electronic Pet Doors to Your Collar Keys:

If your pet(s) will be using 2 Plexidor® Electronic Pet Doors you will need to match the dip switch settings on the code panels of the 2 Plexidor® Electronic Pet Doors. To do this you:

1. Remove the motor covers on both of the pet doors by squeezing the cover on both sides and tipping the motor cover down and out.
2. Remove the panel cover screw on both of the pet doors. This screw is located just below and to the left of the metal spring. See diagram #5. Be careful when you remove the panel cover screw, the panel will release and fall straight down. Hold it in place with your hand and slide the panel down slowly. Slide the panel cover down on both of the doors, exposing the green electronic controls board. Locate the code dip switches on the green board. See diagram #6. You will flip the dip switches down or up as necessary so that both of the dip switch panels match. Note: the dip switches are white in color.

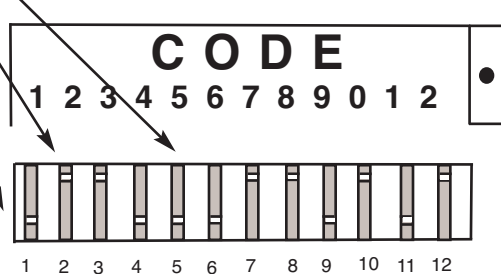
Example:



Code Dip Switch Panel  
Pet Door #1

Match dip switches  
on the two panels.

Diagram #7



Code Dip Switch Panel  
Pet Door #2

## Open/Close Time Adjustments on Pet Door:

### To Change the Open/Close Time on Pet Door -

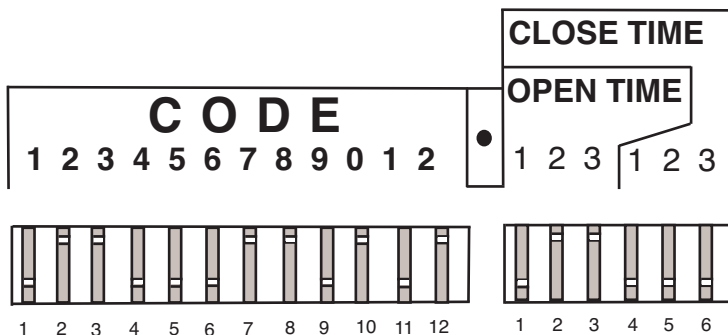
1. Remove the motor cover on the pet door by squeezing the cover on both sides and tipping the motor cover down and out.
2. Remove the panel cover screw on the pet door. This screw is located just below and to the left of the metal spring. See diagram #5. When you remove the panel cover screw, hold the panel in place with your hand or it will drop straight down. Slide the panel cover down, exposing the green electronic controls board. Locate the Close Time and Open Time dip switches on the green board. See Diagram #8A below.
3. **To change Open Times:** Flip the dip switches to match the settings shown in Diagram #8B for the different open times. The dip switches are white.



4. **To change Close Times:** Flip the dip switches to match the settings shown in Diagram #8C for the different open times. The dip switches are white.



Diagram #8A



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\* See inside of motor cover for quick instructions on set-up, collar key programming and changing open and close time.

Diagram #8B

White Switch Positions  
for Panel Open Time  
Time allowed before door  
starts to close

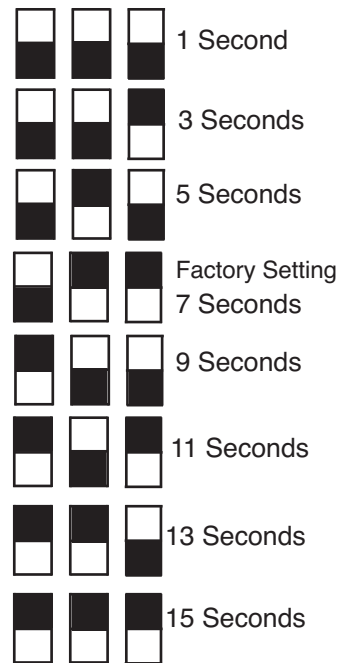
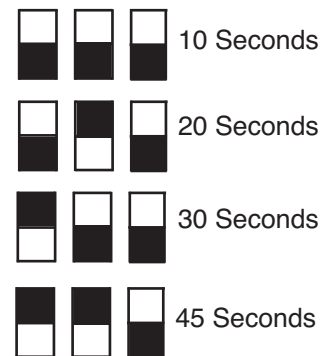


Diagram #8C

White Switch Positions  
for Panel Close Time  
Time allowed to close  
before sounding alarm



Senses for obstruction.  
Pauses for 5 seconds if  
obstructed, then tries  
continuously to close.  
**No alarm.**



## Our Guarantees:

### Unconditional 90 Day Satisfaction Guarantee

You must be completely satisfied with your Plexidor®.  
If not, simply return the Plexidor® to your dealer.



### Plexidor® 5 Year Limited Residential Warranty

Your **Plexidor®** pet door is designed for years of trouble-free service when properly installed and maintained. If any manufacturing defect, malfunction or failure occurs within five years from the date of purchase, we will repair or replace the defective part free of charge. Local labor is not included in the warranty. If you need to return the door, please enclosed a copy of your original dated purchase receipt with your name and address, and describe the problem. Package must be shipped at your expense by UPS, FedEx, DHL (or similar carrier) and insured and shipped to:

**Plexidor Warranty Dept.  
4523 30th Street W. #E502  
Bradenton, FL 34207**

This warranty is void if the Plexidor® has, in our opinion, been incorrectly installed; or damaged due to misuse or abuse or lack of reasonable care; or if repairs or alterations have been made by unauthorized persons.

This warranty does not cover accidental damage, or consequential damage to property or animals.

**Plexidor® Pet Door Size \_\_\_\_\_ Date of Purchase \_\_\_\_\_**

To locate your local authorized dealer go to: [www.plexidors.net](http://www.plexidors.net)



## **Plexidor® Electronic Pet Door**

### **Need Help?**

If you have any installation questions or technical issues with your Plexidor® Electronic Pet Door please call the Plexidor® Technical Support Line directly at:

**941-758-1951**

The Technical Support Line is open Monday through Friday from 10am to 4pm eastern time.

You may also email to:

**[support@plexidors.net](mailto:support@plexidors.net)**