

CHOOSING A

KENNEL RUN SYSTEM

THE GUIDE





Blend of
Design and
Dependability



WORKING FOR YOU

With decades of Kennel Run design experience, we take great pride in working closely with our customers in the design process. Our design engineers have years of experience and are ready to help you configure the best Kennel Run System design for your use and space.

AN IMPORTANT DECISION

Shor-Line works with architects and customers every week on developing plans and drawings to create beautiful facilities around the globe. Our motto on the boarding area is that if you can dream it, we can build it.

ASSISTANCE WHEN YOU NEED IT

The **Keys to Success** are starting early and seeking advice from professionals. By combining your ideas with the experience others have in solving similar facility challenges, you will create a long-lasting, efficient business.

****Planning Tip:** Ask for referrals from projects similar to yours in your area.*

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WHERE TO START

Start by deciding what your facility needs, about what you can afford to spend and what aesthetic look you want. Your current and anticipated client mix will dictate some of your choices.

Look at your practice's mix of small and large dogs, and assess how aggressively you would like to target boarding clients. These factors will play a large role in determining the number of runs, cages and cat condos.

Medical boarding is a growing opportunity as pets live longer and pet owners are more mobile. Comfortable, protected boarding areas with attentive staff can deepen the connection with your customers and benefit your practice.



1 **KNOW YOUR DESIGN GUIDELINES**

- Facility design guidelines play an important role in the choice of a Kennel Run System. Without renovation, most pre-existing construction lends itself to one type of system over another.
- For a new facility, having an understanding of design considerations beforehand will better facilitate the installation of your Kennel Run System.
- Detailed design guidelines for each of the Standard Kennel Run Systems are available from Shor-Line. Feel free to contact Shor-Line during the early planning stages of your boarding or holding area. The consultation is FREE! (800.444.1579 or contact@shor-line.com)

2 **KEEP LEAD TIMES IN MIND**

Lead time varies upon the type of run system and the drawing approval process. Choosing standard size gates and side panels for your facility provides you the shortest lead time for your order. Your sales representative can give you a current list of items in stock and lead times.

3 **REVIEW THE STANDARD KENNEL RUN SYSTEMS**

Reviewing the pros and cons of each type of system will help guide you through the process and allow you to choose the system that will work best for you and your facility. Use the Checklist on page 24 to help weigh your options.

4 **LEARN THE FLOOR SYSTEMS**

Most Kennel Runs either sit on your concrete floor or have their own raised floor system. Understanding the floor system you will use will determine the type of run design choices available to you. Speak with your architect about drainage or call 800.444.1579 to talk with our experienced team.

5 **AVOID THE UNNECESSARY EARLY ON**

Knowing the difference between standard and custom/special size runs will help you to take steps to reduce purchase, installation and replacement costs. This will help you to avoid making unnecessary or special accommodations to your facility before installation.

6 **PONDER THE AESTHETICS & USABILITY**

For just about any Kennel Run System, there are options available. Some, such as drain options, are dependent on facility design, while some, such as colors, are not.

7 **PLAN TIMING EARLY**

Your job is made to order, so start talking early with your sales representative. Our sales team can work with you on the timing of your order. Communication is key.

INDUSTRY STANDARD DESIGNS

Embarking on a kennel run building project generates excitement but also many questions, especially if this is your first project. There are seven industry standard designs for kennels. With these basic designs, you and your architect can create almost any vision.

FULL HEIGHT CEMENT MASONRY UNIT (CMU) WALL

Most units are six feet high and paint or epoxy encapsulates the CMUs.



Pros:

- * Total Secure Isolation.
- * No Cross contamination.
- * Easy to clean with good drainage.
- * Extremely resistant to damage by aggressive dogs.

Cons:

- * Can be Dark.
- * Poor air flow, hot in the summer, cold in the winter.
- * Valuable space is lost due to thickness of block.
- * Future renovation or configuration changes require major demolition.

48" HIGH CEMENT MASONRY UNIT (CMU) WALL WITH A 24" OR 30" FLAG PANEL

This solution solves some of the challenges of the high full-height CMU walls. It can look playful and professional while giving some cost savings.



Pros:

- * Good compromise on light and air flow.
- * No Cross contamination.
- * Easy to clean with good drainage.
- * Door and flag panels could be constructed of galvanized steel, stainless steel, or glass.

Cons:

- * Painted walls require maintenance from time to time.
- * Flag panels need to be added to back and side panels.
- * Walls need to be installed with correct spacing.
- * Flags could be moved but the CMU block is permanent.
- * Valuable space is lost due to thickness of block.

MODULAR RUN SYSTEMS ON CONCRETE W/48" ISOLATION

These units can be constructed of Galvanized Steel, or Stainless Steel. The isolation portion of side panel can be constructed Stainless Steel or Acrylic PVC. The upper sections of the side panels are constructed of galvanized wire, stainless steel wire, or tempered glass.



Pros:

- * Modular kennel runs are usually 1" or 1 1/4" thick which allows more units in the same space as compared to traditional CMU wall units.
- * Materials used to make up these units are easy to clean and are impervious to virus and bacteria.
- * Units are modular so they can be added to or moved if needed.
- * No cross contamination.
- * Panels are designed to match the facility's concrete floor configuration. For example, trench drain, hole drain, or no drain.

Cons:

- * Panels can be heavy and need to be installed.
- * Floor slope is critical in these systems.
- * Drains require extensive concrete work when installed in existing building.
- * Floor must be sealed or Epoxy used to prevent bacteria from leaching into concrete.

MODULAR RUN SYSTEM ON RAISED FLOOR

Systems that can be assembled on any standard floor. Floor is pre-sloped and includes the drain system. Units can be installed to a sewer line via stub out.



Pros:

- * Modular kennel runs are 1" or 1¼" thick, which allows more units in the same space as compared to traditional CMU wall units
- * Materials are easy to clean and are impervious to virus and bacteria.
- * Units are modular so they can be added to or moved if needed.
- * No cross contamination
- * Available in trench drain, or no drain systems.
- * Pre-sloped floor system has shared trench drain that makes single connection to sewer system via single stub-out.
- * Product is great for existing facilities and leasehold spaces.

Cons:

- * Must step up to enter the run.
- * Might be generally more expensive than a traditional on concrete system.
- * Installation is a little more time consuming than a traditional on concrete system.
- * There could be more maintaining the sealant on a raised system as compared to an on concrete system.
- * System requires access to a sewer line or floor sink to be in the general vicinity of the runs.

ELEVATED PVC FLOOR RUN SYSTEM

This system uses removable PVC coated mesh floor(s) that are suspended from the side panels.



Pros:

- * PVC Floors keep dogs off of hard concrete and away from urine.
- * Allows room to be washed down while dogs are still in kennel.

Cons:

- * Requires solid waste to be removed manually.
- * Dog must step up to enter run.
- * PVC Floors are heavy and bulky when moving for cleaning.

PANELS WITH ZERO SLOPE, POSITION ON FLAT CURB

This system consists of setting the side panels on top of a 2" or so curb creating a barrier for fluids. The floor should slope into a drain.



Pros:

- * Good compromise on light and air flow.
- * No Cross contamination

Cons:

- * This system requires both the expense of concrete work and the purchase of modular kennel panels.
- * Walls need to be installed with correct spacing.
- * Placement and height of the curb must be very accurate.
- * Width difference between the curb and the side panels can cause large gaps between the gates and side panels.

OUTDOOR MODULAR RUN SYSTEMS

Both Shor-Line and T-Kennel Run Systems can be adapted for outdoor use. We use a special "U" channel with a rubber gasket that allows the PVC panels to expand and contract with UV rays and temperature fluctuations.



Pros:

- * Shor-Line Gates and Panels are superior to chainlink because they are designed to protect canines from chewing them. Chewing harms dog teeth as well as the equipment.
- * No Cross contamination.
- * Designed to work with the wide variety of U.S. weather challenges.
- * Option for linking to indoor run.

Cons:

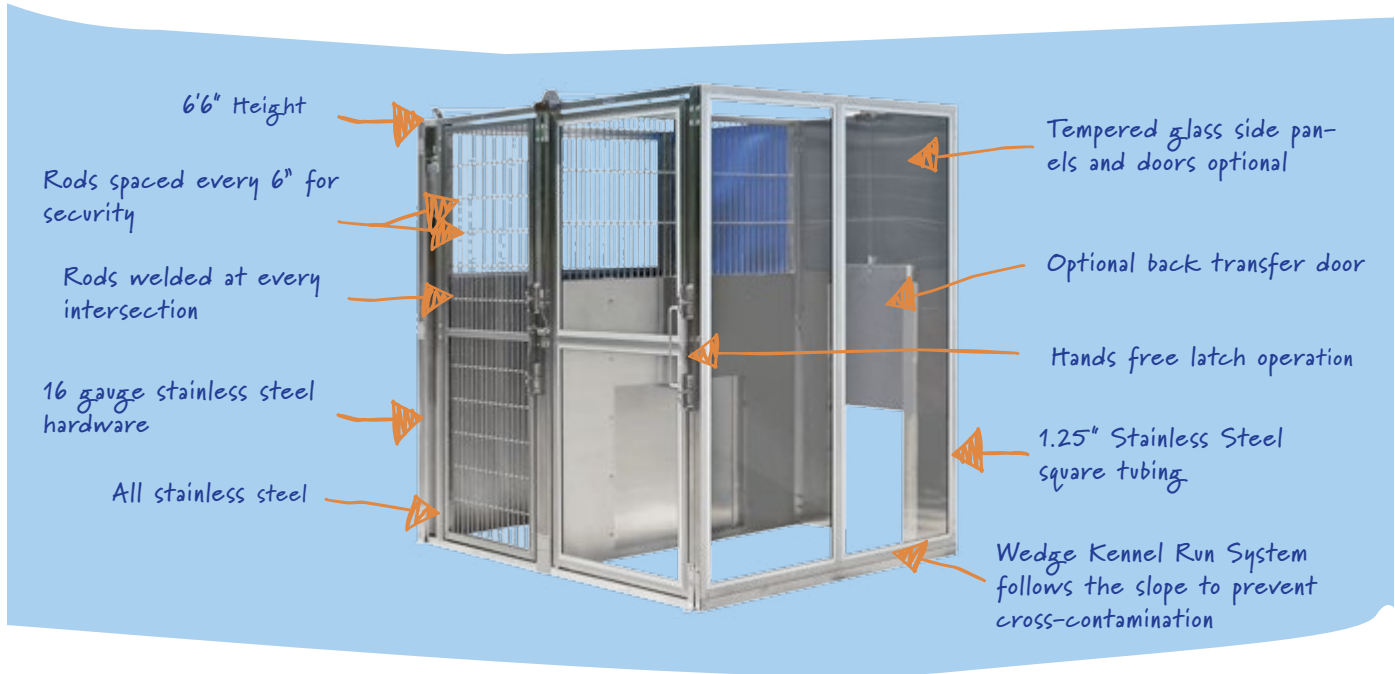
- * Installing panels can be more expensive and time-consuming than CMU.
- * Outdoor panels can be more expensive than indoor systems.
- * System requires access to drain system for easy cleaning and maintenance.
- * A properly sloped concrete floor is critical.
- * Floor must be sealed to prevent bacteria from leaching into the concrete.

*Planning Tip:

Stainless Steel panels do not expand and contract so customers can use standard panels. However, whenever PVC is attached to Stainless, a special channel is needed for outdoor installation.

COMPONENTS

ANATOMY OF A: SHOR-LINE RUN SYSTEM



SHOR-LINE GATE OPTIONS

Each gate contains secure 1 1/4" Stainless Steel tubing. On wire gates, the vertical and horizontal rods are spaced at 1 1/4" x 6" centers and welded at every intersection for strength. Optional tempered glass door is available with a supporting frame.

All Shor-Line and T-Kennel Run Gates can be made without a bottom bar.

All gates will accept an optional feeder systems but all but one must be ordered with gate. (See Feeding Systems on page 19)

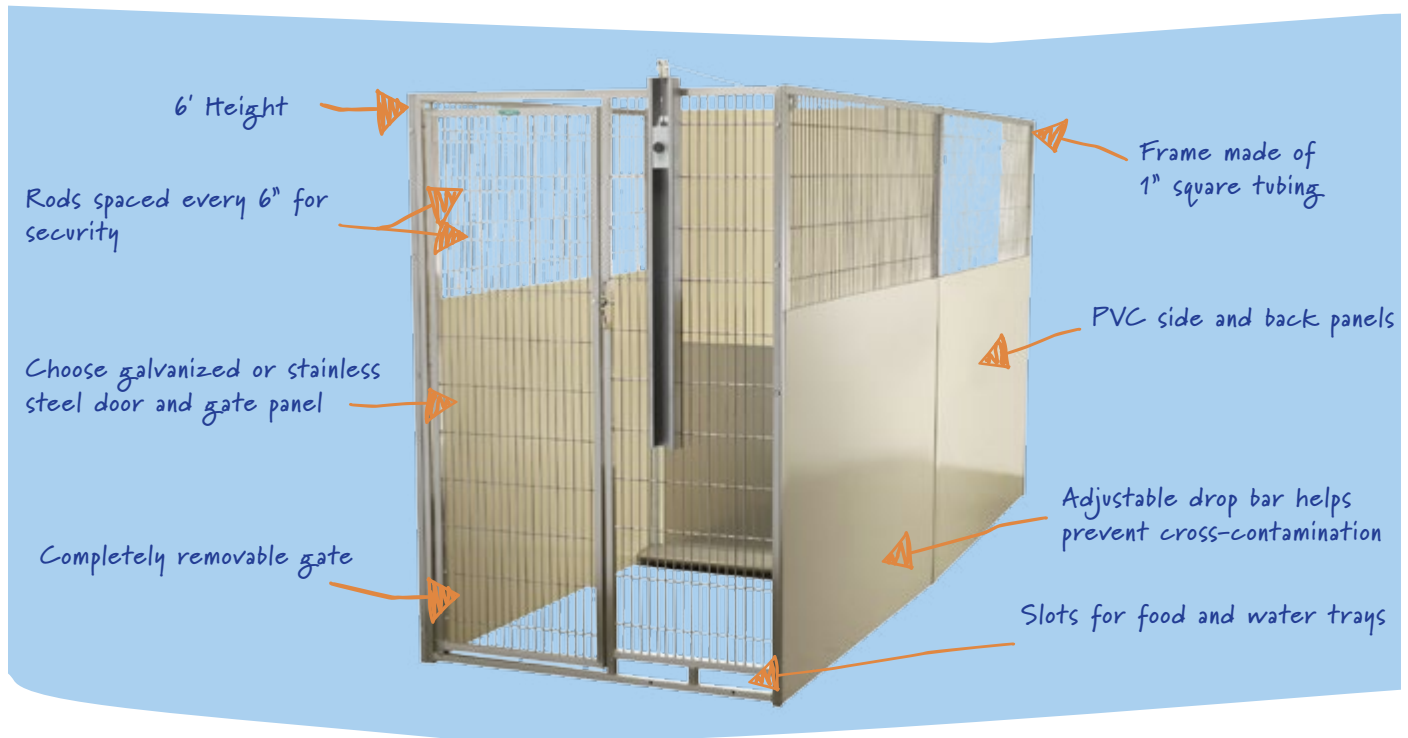
LOCKABLE LATCH

Both Shor-Line and T-Kennel runs are self locking with Stainless Steel latches that secures the door automatically when something pushes against it. For added security, we have round holes at the bottom for a lock or carbineer that prevents anything inside from engaging the latch.



Shor-Line Latch T-Kennel Latch

ANATOMY OF A: T-KENNEL RUN SYSTEM



T-KENNEL GATE OPTIONS

We construct T-Kennel gate panels from 1" Stainless Steel or galvanized tubing. On wire gates, the vertical and horizontal rods are spaced at 1½" x 6" centers and welded at every intersection for strength. The side gate panel will vary in width with the total gate size. The door is 23½"W, and it can swing both inward and outward. Optional tempered glass door uses a full panel with a supporting frame.

Standard Widths: 3', 3'6" or 4'

Standard Height: 6'

ADAPTING GATES TO FIT NON-STANDARD OPENINGS

Your best price and lead time comes from standard size gates, but there will be times when the space just won't fit. We offer "filler" plates to achieve a tight fit and a finished look. Customers find this option a good alternative to buying special-size doors that could be more expensive and have longer lead times.



Filler Plates readily fit standard size gates to non-standard openings for a finished look.

Gate options

We offer a wide selection of standard options for run gates to allow a custom look at standard pricing. Note the difference between the Shor-Line and T-Kennel gates. For gates that include PVC, standard colors are included at no charge. Premium and special colors will have a higher price and longer lead times.

SHOR-LINE GATES

Most Shor-Line runs have wire or tempered glass doors. It is possible to substitute a PVC panel for the Stainless Steel panel if you desire color with a Stainless Steel full frame.



All Wire Panel



Wire and Stainless Steel Panel



All Glass panel



T-KENNEL GATES

T-Kennel gates have more standard options and choices. On any option showing a PVC panel, standard colors are included at no charge. Premium and special colors will have a higher price and longer lead times.



All Glass panel



All Wire panel



Wire and Acrylic PVC panel



Glass and Acrylic PVC panel

Side Panels or Back Panels

Shor-Line side and back panels are 6'6"H and T-Kennel panels are 6'H, and all material options apply to both side and back. Transfer doors are an option on Stainless Steel and PVC side or back panels (see page 18). All of these material options can be on floor mounted or raised systems. (CMU can only be on concrete.)

STANDARD SIZES

Shor-Line Side Panel Standard Length/Depth: 5' or 6'

T-Kennel Side Panel Standard Length/Depth: 3', 4', 5', 6' or 8'

Shor-Line Back Panel Standard Widths: 3' or 4'

T-Kennel Back Panel Standard Widths: 3', 3'6" or 4'

ISOLATION OPTIONS

Partial Isolation

Partial isolation side panels or walls consist of a stainless steel, Acrylic PVC or Concrete Masonry Wall (CMU) that extends 4' from the floor and is finished with either a stainless steel or galvanized wire rod or tempered glass top portion.

Full Isolation

With either stainless steel, Acrylic PVC or CMU extending the full height of the kennel, these "full isolation" panels provide the most kennel to kennel isolation. Full isolation side panels or walls with glass gates require high ceilings for ventilation purposes.

SIDE PANEL MATERIAL OPTIONS

Stainless Steel Side Panels

Two pieces of Stainless Steel encase the isolation panel with a sound dampening material core. This both strengthens the panel and provides superior sound insulation. Can be either full or partial isolation.

Acrylic PVC Side Panels

Using either a Stainless Steel or galvanized frame, we sandwich two pieces of high-quality PVC to the frame with a sound dampening core. The result is an easy-to-clean, strong panel that provides superior sound insulation. Can be either full or partial isolation.



Shor-Line

All Stainless- Full Isolation



Shor-Line

*Glass upper with Partial Isolation
Stainless Steel bottom*



Shor-Line

*Wire Upper with Stainless Steel
bottom*



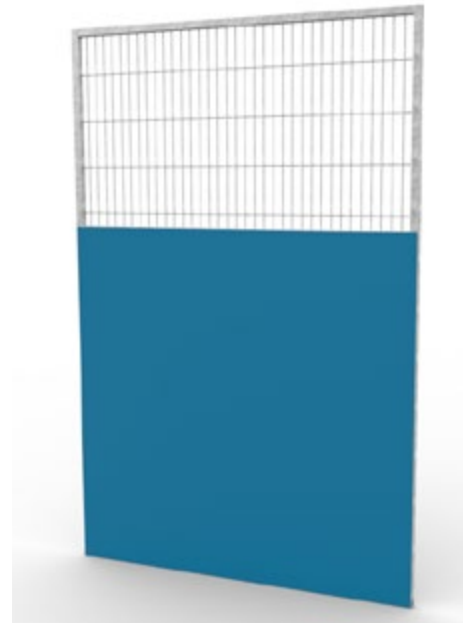
T-Kennel

*Full Isolation
Acrylic PVC panel*



T-Kennel

*Glass upper with Partial
Isolation Acrylic PVC bottom*



T-Kennel

*Wire upper with Partial
Isolation Acrylic PVC bottom*

Concrete Masonry Walls (CMU)

The building contractor will construct a wall panel of CMU and match up the front gate. These walls can be full height or partial isolation. For partial isolation CMU walls, you will need a flag panel. These flag panels are usually 24"H or 30"H, and they help match the partial height of the CMU wall to the door height. Choose Stainless Steel or galvanized tubing with wire or tempered glass.

***Planning Tip:** Be sure to work with your contractor or architect on drainage and discuss drain cover options.





Color Options

GLASS TINTS

Bronze	Grey	Green
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* Sample colors
approximate
actual colors

STANDARD PVC

8321	7387	3530 ^{LS}	2357 ^{LS}	7327 ^{LS}	8343 ^{LS}
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PREMIUM COLOR PVC

5137	4288	8444	7300 ^{LS}	2354 ^{LS}	8426	4300
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^{LS} Low Stress Color Palette

The low stress philosophy encourages lighter shades. Try standard colors 7327, 3530, 8343 or 2357, and for premium colors try 7300 or 2354.

* Premium and custom PVC panel colors must be special ordered and require a buying minimum and possibly extra cost and lead time.

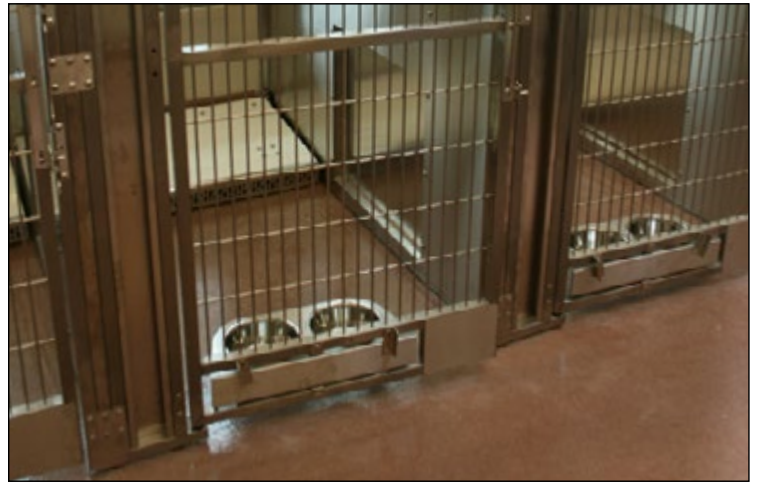
Transfer Doors

Transfer doors are easy ways to allow dogs to pass from one area to another, giving more living space. They also are a good way of moving dogs from one unit to another without having to handle them, making cleaning easier.

We can construct both side panels and back panels with transfer doors. All doors are 1/8" thick aluminum and use a 3/32" aircraft-grade Stainless Steel cable to raise and lower the door. Ask your salesperson for different transfer options.

The following opening sizes are available for Shor-Line and/or T-Kennel runs:

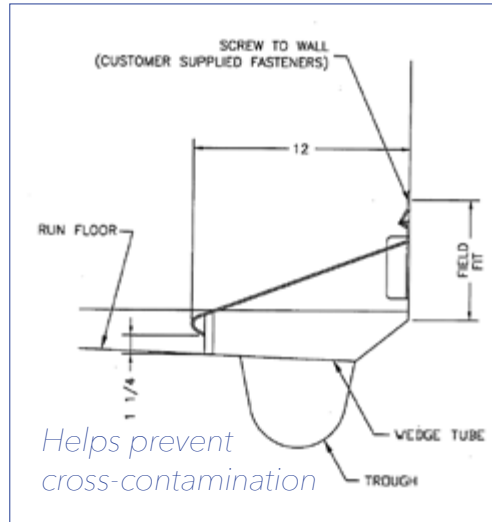
- 16"W x 24"H opening with 18"W x 28"H door
- 16"W x 32"H opening with 18"W x 35"H door
- 24"W x 32"H opening with 26"W x 35"H door
- Special Transfer Door sizes available



Shor-Line transfer doors utilize a Stainless Steel handle system. T-Kennel transfer doors utilize an aluminum carabiner handle. Counter weighted transfer systems also available.

Drain Covers

T-Kennel Run Systems have the option of full or half T-Covers to cover drains. Shor-Line runs also have the option of Stainless Steel and PVC drain cover that works with both CMU back walls and Shor-Line back panels. Order these systems when you place your run order.



Feeding Systems

Most Shor-Line feeding systems must be ordered when you place the run order they can not be retrofited in the field. This allows for the best stability with aggressive feeders.

T-Kennel and Shor-Line front gates are different. So confirm which feeders work with which gate system.

SWIVEL FEEDERS

The Stainless Steel frame holds a swiveling feeder tray that contains three different combinations of food and water systems. Three options are available, and options A, B and C work for Shor-Line runs and B and C work for T-Kennel only:

Option A:

2-Quart Double Bowl



Option B:

1-Quart Double Bowl



Option C:

4-Quart Pail + 1-Quart Bowl



T-KENNEL SLOT FEEDER SYSTEMS

These two systems have 2-quart bowls that slide into the feeding slot and lock into place, allowing the caretaker to avoid entering the kennel. Both **ONLY** fit T-Kennel runs and must be ordered with the run build.



Slide-In
Vertical Feeder System

Fits **NEW** T-Kennel runs 36"W or larger!



Slide-In
Horizontal Feeder System

Fits **NEW** T-Kennel runs 48"W or larger!

STAINLESS STEEL FEED TRAY

These Stainless Steel trays **ONLY** work with T-Kennel run gates, and they can retrofit on standard T-Kennel runs. Just slide in and out. The Locking tray screws down to hold in place.

***Planning Tip:** All but one type of feeder **MUST** be built when gates are designed, so Carefully plan how you feed before ordering



Available in regular (left) or locking tray (right).

Resting Bench

Allows pets a comfortable bed above a cold or wet run floor. Doubles as a drain cover.

- Available to retrofit most 36" or 48"W kennels or custom-built (for additional cost and lead time) for new construction.
- Order with kennels for best cost and turnaround time.
- May span over trench drain or similar.
- Gives pet large area for resting above ground and easy to accessorize with toys and blankets.



LEAD TIME INFORMATION

CUSTOM & SPECIAL PRODUCTS

Changing the standard dimensions requires more time in the pre-manufacturing stages of the process and also requires more active participation by the customer. Choosing this option will typically double the lead time (as opposed to using standard products with similar quantities). Please note that a firm lead time for custom or special products cannot be formally quoted until specifications and drawings have first been approved by the customer and then reviewed and verified by Shor-Line manufacturing personnel. Your project will not go to manufacturing until there has been sign off on the drawings.

FILLER PLATES

We can manufacture custom filler plates that allow you to use standard size gates and side panels (see p.11). This is your best option for short lead times when you have non-standard or variable run widths. However, if you choose to have custom or special size gates or side panels for each run, then the lead times will lengthen considerably.

STANDARD SIZES

Choosing standard size gates and side panels for your facility provides you the shortest lead time for your order. This will move your order through engineering quickly while still providing a unique and special look for your facility.

SPACING

When laying out your kennels, we recommend not changing the wall/panel spacing to make all runs equally sized. Keep maximum number of runs standard size and have one run made to fit the remaining space. This will maintain price and lead time.

***Planning Tip:** Communication is the key to a smooth install. Let us know your schedule changes as soon as you can. Call your representative or 800.444.1579.

DESIGN AND INSTALLATION

A smooth, low stress run gate installation starts with a construction plan that takes the run gate installation into consideration. We find the best results happen when the allowances for fit are made to the plus side.

PLUS SIZING

A single gate or run system will fit into a larger space but NOT a smaller one. The standard run system hardware will allow for a 1/2" gap between a gate and a panel and the connecting wall. Keep in mind that construction is not exact, so even a well measured and planned room could be slightly out of square or slightly larger or smaller.

***Installation Tip:** *Coving is typical for pet facility construction. If you plan to have runs installed, allow a 1 1/2" gap for post placement (See pictures).*

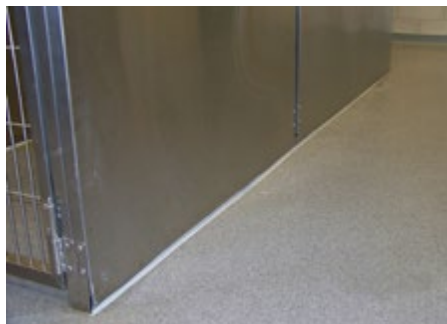
GATE & PANEL GAP



STANDARD HARDWARE INSTALL



FLOOR INSTALLATION



CHECKLIST

Share this checklist with a Representative to start a conversation about what we can offer your facility.

1 BUILDING SPECIFICATIONS

Estimated Opening Date: _____

☐ New or ☐ Remodel

Are drawings available? ☐ Yes or ☐ No

Room Dimensions: Length _____ Width _____ Height _____

Building Construction: ☐ Block Walls or ☐ Studs

Is there a floor slope currently? ☐ Yes or ☐ No

Are drains already installed? ☐ Yes or ☐ No

Are there windows? ☐ Yes or ☐ No

Are there any additional obstacles around the drains? ☐ Yes or ☐ No

Has electric already been run? ☐ Yes or ☐ No

Are there any additional obstacles around the electrical work? ☐ Yes or ☐ No

2 KENNEL RUN SYSTEM TYPE

☐ Freestanding ☐ Against Wall ☐ Both

☐ Indoor or ☐ Outdoor

Standard System Type:

☐ Cement Masonry Unit (CMU) Wall ☐ Side Panels with Raised Floor

☐ Side Panels on Concrete ☐ Side Panels with Zero Slope mounted on Curb

3

MATERIALS

Gate: ☐ Glass ☐ Stainless Steel Grill ☐ Galvanized Grill Combo ☐
 Bottom Bar Y ☐ N ☐

Side Panel Type: ☐ Full Height ☐ 48" Height

Full or 48" Panel Material: ☐ Stainless Steel ☐ Galvanized Steel ☐ Acrylic PVC

Top Portion of 48" Panel Material:

☐ Stainless Steel Grill ☐ Galvanized Steel Grill ☐ Glass

4

AESTHETICS & OPTIONS

Glass Color:

☐ Clear ☐ Bronze ☐ Green ☐ Gray

If Acrylic PVC, PVC Color:

☐ Rose ☐ Beige ☐ Light Gray ☐ Jade Green ☐ Buoyant Blue

☐ Yellow ☐ Red ☐ Cadet Blue ☐ Shor-Line Blue ☐ Orange

☐ Lime Green ☐ Purple ☐ Special Color (might be extra)

Transfer Door Size: ☐ Internal ☐ Wall-Mounted

Feeding Options:

☐ Swivel Feeder ☐ Pass-Thru Bowls ☐ Rings ☐ None

Flip-Up Bench: ☐ Yes ☐ No

Drainage System: ☐ Trough ☐ Drain Box ☐ Floor Drain ☐ None

Trough Cover: ☐ Yes ☐ No

5

ADDITIONAL INFORMATION

Please note any logistical problems for delivery and/or attach photos/drawings of area. It helps to send in drawings even if they are hand drawn.

WHAT TO EXPECT

ORDER PROCESS

IT ALL STARTS WITH YOU!

Ordering kennel runs and panels is a little like remodeling a kitchen. There are lots of standard sizes and pieces that fit together in your design often with some custom pieces and colors. We prepare each order just for you to fit your facility.

The key is starting early and visualizing the finished product. The more you communicate your vision, the easier it is to deliver it. Your new run systems will last for decades...perhaps your entire career. Invest now in the highest quality you can afford and get the color and design choices you want because you and your staff will live with them for a long time.

No one likes to clean, so investing in good drainage and proper sloping will pay off every day. Install good seals now to prevent cross contamination and minimize maintenance.

The same goes with feeding and resting areas. Most of those are built in and pretty much dog-proof.

COMMON STEPS IN THE ORDER PROCESS FOR ANY INSTALLATION TYPE:

1 We will require a sketch or drawing of your new or existing Kennel Run area. It should include room size measurements along with door, window, and drain locations.

2 It is also helpful to know the planned use of kennels (i.e.,: boarding, hospital patient, ICU and recovery, etc.). This will assist with selecting the best options

Choose the options that are right for your needs:

- Grill or glass gate
- Food or water bowls
- Transfer doors
- Partition panels
- Grill or glass above 48" height on partitions

- 3 Get a quote based on the number of Kennel Runs and configurations with the options you have chosen. If you are still deciding between a few options, call (800.444.1579) or email (contact@shor-line.com) for a FREE consultation.
- 4 You will receive drawings for approval. These will illustrate the options you have chosen, show how they are installed and indicate the sizes and space requirements for your installation. This is a critical step in the process. Your kennels will be manufactured per these drawings. Also, the correct hardware needed for a successful installation will be determined from these drawings.
- 5 Once we have approved drawings your order can be finalized. This is also when all credit terms must be agreed upon and any down payments applied.

The lead time for your order is determined on an individual basis. We make every attempt to meet your schedule. However, things like current shop capacity, other items on your order, the size of your order and amount of custom work required all affect your lead time.

RECEIVING YOUR ORDER

Delivery day is a big deal. Your order will be delivered on a tractor trailer via a freight company.

The freight company is not responsible for unloading the truck. Please note that some pallets can weigh more than 3000 pounds. Depending on the size of your order, you may need a large forklift and several able bodies to unpack and carry parts from the truck to their final assembly location. Smaller orders can sometimes be taken off the truck via lift-gate for an additional charge. Please pre-plan for your delivery by coordinating with your Shor-Line representative, along with the freight company.

Your Shor-Line representative can explain all the delivery options available to you.

***Planning Tip:** *The key to a successful delivery is communication. Reach out to us if you are worried about order timing, and contact us early. Also, tell us if you need to push delivery back a few days or weeks. Email or call, and we can quickly solve most issues*

A DREAM FACILITY HAPPENS WITH **PLANNING** AND **IMAGINATION**



CALL FOR A FREE CONSULTATION NOW!