SECTION 13 19 00

COMMERCIAL KENNEL DOORS

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\*\* NOTE TO SPECIFIER \*\* BiteGuard KennelPlex; commercial Kennel Doors
This section is based on the products of BiteGuard KennelPlex, which is located at:4523 30th St. W., Unit E502Bradenton, FL 34207-1072Toll Free Tel: 888-PET-DOORTel: 941-752-7021Email: [request info (support@kennelplex.net)](https://arcat.com/rfi?action=email&company=BiteGuard%252BKennelPlex&message=RE%253A%2520Spec%2520Question%2520(13191bgk)%253A%2520&coid=53299&spec=13191bgk&rep=&fax=)
Web: <https://www.k9door.com>
 [ [Click Here](https://arcat.com/company/biteguard-kennelplex-53299) ] for additional information.
The benefits of BiteGuard to you and your kennel:
Energy Efficiency: Each BiteGuard model is designed to keep the heat inside during winter and conserve air conditioning during summer. The thermal qualities help to save on utility expenses. Keeps the flies out too!
Quality and Durability: Reduce maintenance expenses when you install BiteGuard Kennel doors. No fragile flap doors here! Our use of quality components assure years of trouble-free performance and
reliability.
Time Saving: With 24-hour access to the great outdoors, dogs, require less staff interaction and produce less mess to clean up in your kennels. Your staff will have more time to focus on revenue generating tasks.
Quiet Operation: The BiteGuard door panels operate in a smooth quiet manner. The action of our insulated panels does not produce loud noises and will not disturb the dogs or annoy you and your staff.
Ease of Use - For All Dogs: The BiteGuard saloon style door panels open with a gentle push allowing easy access by dogs of all sizes, even puppies. Models are available in a range of dimensions to accommodate all breeds.
Pet Safety: The BiteGuard models are designed and engineered with a priority for pet safety. The gentle operation assures safe use, eliminating the possibility of injury and does not harm noses or tails.

1. GENERAL
	1. SECTION INCLUDES

\*\* NOTE TO SPECIFIER \*\* Delete items below not required for project.

* + 1. Top Swing.
			1. Door mount units
			2. Wall mount units
			3. Surface mount units
		2. Saloon Style.
			1. Door mount units
			2. Wall mount units
			3. Surface mount units
	1. RELATED SECTIONS

\*\* NOTE TO SPECIFIER \*\* Delete any sections below not relevant to this project; add others as required.

* + 1. Section 44 46 23 - Sludge Incinerators (13 19 00) - Kennels and Animal Shelters
	1. SUBMITTALS
		1. Submit under provisions of Section 01 30 00 - Administrative Requirements.
		2. Product Data:
			1. Manufacturer's data sheets on each product to be used.
			2. Preparation instructions and recommendations.
			3. Storage and handling requirements and recommendations.
			4. Typical installation methods.
		3. Shop Drawings: Include details of materials, construction, and finish. Include relationship with adjacent construction.
	2. QUALITY ASSURANCE
		1. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section with a minimum five years documented experience.
		2. Installer Qualifications: Company specializing in performing Work of this section with minimum two years documented experience with projects of similar scope and complexity.
		3. Source Limitations: Provide each type of product from a single manufacturing source to ensure uniformity.

\*\* NOTE TO SPECIFIER \*\* Include mock-up if the project size or quality warrant the expense. The following is one example of how a mock-up on might be specified. When deciding on the extent of the mock-up, consider all the major different types of work on the project.

* + 1. Mock-Up: Construct a mock-up with actual materials in sufficient time for Architect's review and to not delay construction progress. Locate mock-up as acceptable to Architect and provide temporary foundations and support.
			1. Intent of mock-up is to demonstrate quality of workmanship and visual appearance.
			2. If mock-up is not acceptable, rebuild mock-up until satisfactory results are achieved.
			3. Retain mock-up during construction as a standard for comparison with completed work.
			4. Do not alter or remove mock-up until work is completed or removal is authorized.
	1. PRE-INSTALLATION CONFERENCE
		1. Convene a conference approximately two weeks before scheduled commencement of the Work. Attendees shall include Architect, Contractor and trades involved. Agenda shall include schedule, responsibilities, critical path items and approvals.
	2. DELIVERY, STORAGE, AND HANDLING
		1. Store and handle in strict compliance with manufacturer's written instructions and recommendations.
		2. Protect from damage due to weather, excessive temperature, and construction operations.
	3. PROJECT CONDITIONS
		1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's recommended limits.
	4. WARRANTY
		1. Manufacturer's standard limited warranty unless indicated otherwise.
1. PRODUCTS
	1. MANUFACTURERS
		1. Acceptable Manufacturer: BiteGuard KennelPlex, which is located at:4523 30th St. W., Unit E502Bradenton, FL 34207-1072Toll Free Tel: 888-PET-DOORTel: 941-752-7021Email: [request info (support@kennelplex.net)](https://arcat.com/rfi?action=email&company=BiteGuard%252BKennelPlex&message=RE%253A%2520Spec%2520Question%2520(13191bgk)%253A%2520&coid=53299&spec=13191bgk&rep=&fax=);Web: <https://www.k9door.com>

\*\* NOTE TO SPECIFIER \*\* Delete one of the following two paragraphs; coordinate with requirements of Division 1 section on product options and substitutions.

* + 1. Substitutions: Not permitted.
		2. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00 - Product Requirements.

\*\* NOTE TO SPECIFIER \*\* The BiteGuard Surface Mount models are ideal for dog door installations through concrete block or unique surface materials. This model features a one-piece aluminum frame adapter that mounts directly to the wall surface. Also ideal for retro-fit installations.

* + 1. Choose which type of door you want from the "Top Swing Door Units" Article and the Dual Panel Saloon Style Door Units" Article. Then choose the mounting option required. Delete article not required or delete model not required.
	1. TOP SWING DOOR UNITS
		1. Single Panel Top Swing: Single door panel design.
			1. Frame: Clear Anodized 6063 aluminum. Finish: Satin. Thickness: 0.180 inches (4.57 mm).
			2. Draft Control: Plush high density nylon pile weather seal for draft control.
			3. Door Panels: 3/8 inch (9.5 mm) solid acrylic.
				1. Tinted, see-through, lets light in and provides a window for pets.
				2. Door Panel Trim: 1/2 inch (13 mm) 6063 hardened aluminum to protect panel from chewing. Finish: Clear anodized satin.
				3. Weather seal lining.
				4. Stainless steel pivot pin.
			4. Cam Lock and Key: Secure door when not in use.
			5. Model: BG SP1419.
				1. Pet Passage (WxH): 13-1/4 x 16 inches (337 x 406 mm).
				2. Rough Opening (WxH): 14-1/8 x 19 inches (105 x 483 mm).
				3. Overall Dimensions (WxH): 16-1/2 x 20-5/16 inches (419 x 516 mm).
				4. Frame Depth: 1-3/4 inch (44 mm). From back from frame flange.
				5. Frame Flange: 1-5/8 inch (41 mm).
			6. Model: BG SP1624.
				1. Pet Passage (WxH): 15 x 20-7/8 inches (381 x 530 mm).
				2. Rough Opening (WxH): 15-3/4 x 24 inches (400 x 610 mm).
				3. Overall Dimensions (WxH): 18-1/8 x 25-3/8 inches (460 x 644 mm).
				4. Frame Depth: 1-3/4 inch (44 mm). From back from frame flange.
				5. Frame Flange: 1-5/8 inch (41 mm).

\*\* NOTE TO SPECIFIER \*\* Delete article if not required or delete models not required.

* 1. DUAL PANEL SALOON STYLE DOOR UNITS
		1. Dual Panel Saloon Style: Allows small and large dogs to use same door. Doors open with a gentle push and return to closed position by spring dampeners concealed in the frame.
			1. Frame: Clear Anodized 6063 aluminum. Finish: Satin. Thickness: 0.180 inches (4.57 mm).
			2. Draft Control: Plush high density nylon pile weather seal for draft control.
			3. Door Panels: 3/8 inch (9.5 mm) solid acrylic.
				1. Tinted, see-through, lets light in and provides a window for pets.
				2. Door Panel Trim: Hardened aluminum to protect panel from chewing.

Clear Anodized 6063 aluminum. Finish: Satin.

* + - * 1. Weather seal lining.
				2. Stainless steel pivot pin.
			1. Lock and Key: Secure door when not in use.
			2. Model: BG 1113.
				1. Pet Passage (WxH): 9 x 12 inches (229 x 305 mm).
				2. Rough Opening (WxH): 11-3/4 x 14 inches (298 x 356 mm).
				3. Overall Dimensions (WxH): 13-3/4 x 15-3/16 inches (349 x 386 mm).
				4. Frame Depth: 1-3/4 inch (44 mm). From back from frame flange.
				5. Frame Flange: 1-5/8 inch (41 mm).
			3. Model: BG 1418.
				1. Pet Passage (WxH): 11-3/4 x 16 inches (298 x 406 mm).
				2. Rough Opening (WxH): 14-1/2 x 18 inches (368 x 457 mm).
				3. Overall Dimensions (WxH): 16-1/2 x 19-3/16 inches (419 x 487 mm).
				4. Frame Depth: 1-3/4 inch (44 mm). From back from frame flange.
				5. Frame Flange: 1-5/8 inch (41 mm).
			4. Model: BG 1624.
				1. Pet Passage (WxH): 13-3/8 x 22-3/8 inches (340 x 568 mm).
				2. Rough Opening (WxH): 16-1/8 x 24-1/8 inches (410 x 613 mm).
				3. Overall Dimensions (WxH): 18-1/8 x 25-3/8 inches (460 x 644 mm).
				4. Frame Depth: 1-3/4 inch (44 mm). From back from frame flange.
				5. Frame Flange: 1-5/8 inch (41 mm).
			5. Model: BG 1631.
				1. Pet Passage (WxH): 13-3/8 x 29-3/8 inches (340 x 746 mm).
				2. Rough Opening (WxH): 16-1/8 x 31-1/8 inches (410 x 791 mm).
				3. Overall Dimensions (WxH): 18-1/8 x 32-3/8 inches (460x 822 mm).
				4. Frame Depth: 1-3/4 inch (44 mm). From back from frame flange.
				5. Frame Flange: 1-5/8 inch (41 mm).
			6. Model: BG 1632.
				1. Pet Passage (WxH): 13-3/8 x 31-3/8 inches (340 x 797 mm).
				2. Rough Opening (WxH): 16-1/8 x 32-3/8 inches (410 x 822 mm).
				3. Overall Dimensions (WxH): 18-1/8 x 33-3/4 inches (410 x 857 mm).
				4. Frame Depth: 1-3/4 inch (44 mm). From back from frame flange.
				5. Frame Flange: 1-5/8 inch (41 mm).
			7. Model: BG 1825.
				1. Pet Passage (WxH): 16 x 23-3/4 inches (406 x 603 mm).
				2. Rough Opening (WxH): 18-1/8 x 25-3/8 inches (460 x 644 mm).
				3. Overall Dimensions (WxH): 20-3/8 x 26-3/4 inches (517 x 679 mm).
				4. Frame Depth: 1-3/4 inch (44 mm). From back from frame flange.
				5. Frame Flange: 1-5/8 inch (41 mm).

\*\* NOTE TO SPECIFIER \*\* The BiteGuard Door Series models are designed for installation through entry doors. The interior and exterior frame sections combine to self-frame in standard 1-3/4 inches (44 mm) entry doors. Trim adapters are available for installations through doors with a non-standard thickness. Delete article if not required or delete models not required.

* 1. DOOR MOUNT UNITS
		1. Door Mount Units: Designed for installations into entry doors. Frame depth is 1-3/4 inch (44 mm) to ensure a proper fit through standard U.S. or Canadian entry doors. Doors open with a gentle push and return to closed position by spring dampeners concealed in the frame.
			1. Interior Frame: Anodized aluminum. Finish: Satin.
				1. Draft Control: Plush high density nylon pile weather seal for draft control.
				2. Door Panels: 3/8 inch (9.5 mm) solid acrylic.

Tinted, see-through, lets light in and provides a window for pets.

Door Panel Trim: Hardened aluminum to protect panel from chewing.

Weather seal lining.

Stainless steel pivot pin.

* + - * 1. Lock and Key: Secure door when not in use.
				2. Frame Depth: 1-3/4 inch (44 mm). From back from frame flange.
				3. Frame Flange: 1-5/8 inch (41 mm).
			1. Exterior Trim Frame: Anodized aluminum. Finish: Satin.
				1. Frame Top: With drip rail.
				2. Frame bottom.
				3. Frame Sides: Quantity of two.
			2. Model: BG DOOR 1113.
				1. Dog Passage (WxH): 9 x 12 inches (229 x 305 mm). Interior Frame Model BG 1113.
				2. Rough Opening (WxH): 11-3/4 x 14 inches (298 x 356 mm).
			3. Model: BG DOOR 1418.
				1. Dog Passage (WxH): 11-3/4 x 16 inches (298 x 406 mm). Interior Frame Model BG 1418.
				2. Rough Opening (WxH): 14-1/2 x 18 inches (368 x 457 mm).
			4. Model: BG DOOR 1624.
				1. Dog Passage (WxH): 13-3/8 x 22-3/8 inches (340 x 568 mm). Interior Frame Model BG 1624.
				2. Rough Opening (WxH): 16-1/8 x 24-1/8 inches (410 x 613 mm).
			5. Model: BG DOOR 1632.
				1. Dog Passage (WxH): 13-3/8 x 31-3/8 inches (340 x 797 mm). Interior Frame Model BG 0632.
				2. Rough Opening (WxH): 16-1/8 x 32-3/8 inches (410 x 822 mm).
			6. Model: BG DOOR 1825.
				1. Dog Passage (WxH): 16 x 23-3/4 inches (406 x 603 mm). Interior Frame Model BG 1825.
				2. Rough Opening (WxH): 18-1/8 x 25-3/8 inches (460 x 644 mm).
			7. Model: BG DOOR SP1419. Single panel units.
				1. Dog Passage (WxH): 13-1/4 x 16 inches (337 x 406 mm). Interior Frame Model BG SP1419.
				2. Rough Opening (WxH): 14-1/8 x 19 inches (105 x 483 mm).
			8. Model: BG DOOR SP1624. Single panel units.
				1. Dog Passage (WxH): 15 x 20-7/8 inches (381 x 530 mm). Interior Frame Model BG SP1624.
				2. Rough Opening (WxH): 15-3/4 x 24 inches (400 x 610 mm).

\*\* NOTE TO SPECIFIER \*\* When an exterior wall is chosen for the kennel door location, BiteGuard Wall Series models provide the perfect solution. Wall Series kits include aluminum tunnel sections that connect the interior and exterior frames to provide for a professional fit and finish. Delete article if not required or delete models not required.

* 1. WALL MOUNT UNITS
		1. Wall Mount Units: Aluminum tunnel sections, opposing frame, and internal frame assembly. Units span the wall cavity.
			1. Tunnel Pieces: Top, sides, and bottom; shingle over each other to prevent water intrusion into wall. Designed to install with slope for drainage. Tunnel pieces finish out up to 12 inches (305 mm) of wall depth. Longer tunnel pieces are available on request.
			2. Opposing Frame: One-piece-mitered opposing frame. Anodized aluminum. Finish: Satin.
			3. Interior Frame: Anodized aluminum. Finish: Satin.
				1. Draft Control: Plush high density nylon pile weather seal for draft control.
				2. Door Panels: 3/8 inch (9.5 mm) solid acrylic.

Tinted, see-through, lets light in and provides a window for pets.

Door Panel Trim: Hardened aluminum to protect panel from chewing.

Weather seal lining.

Stainless steel pivot pin.

* + - * 1. Lock and Key: Secure door when not in use.
				2. Frame Depth: 1-3/4 inch (44 mm). From back from frame flange.
				3. Frame Flange: 1-5/8 inch (41 mm).
			1. Model: BG WALL 1113.
				1. Dog Passage (WxH): 9 x 12 inches (229 x 305 mm). Interior Frame Model BG 1113.
				2. Rough Opening (WxH): 11-3/4 x 14 inches (298 x 356 mm).
			2. Model: BG WALL 1418.
				1. Dog Passage (WxH): 11-3/4 x 16 inches (298 x 406 mm). Interior Frame Model BG 1418.
				2. Rough Opening (WxH): 14-1/2 x 18 inches (368 x 457 mm).
			3. Model: BG WALL 1624.
				1. Dog Passage (WxH): 13-3/8 x 22-3/8 inches (340 x 568 mm). Interior Frame Model BG 1624.
				2. Rough Opening (WxH): 16-1/8 x 24-1/8 inches (410 x 613 mm).
			4. Model: BG WALL 1632.
				1. Dog Passage (WxH): 13-3/8 x 31-3/8 inches (340 x 797 mm). Interior Frame Model BG 0632.
				2. Rough Opening (WxH): 16-1/8 x 32-3/8 inches (410 x 822 mm).
			5. Model: BG WALL 1825.
				1. Dog Passage (WxH): 16 x 23-3/4 inches (406 x 603 mm). Interior Frame Model BG 1825.
				2. Rough Opening (WxH): 18-1/8 x 25-3/8 inches (460 x 644 mm).
			6. Model: BG WALL SP1419. Single panel units.
				1. Dog Passage (WxH): 13-1/4 x 16 inches (337 x 406 mm). Interior Frame Model BG SP1419.
				2. Rough Opening (WxH): 14-1/8 x 19 inches (105 x 483 mm).
			7. Model: BG WALL SP1624. Single panel units.
				1. Dog Passage (WxH): 15 x 20-7/8 inches (381 x 530 mm). Interior Frame Model BG SP1624.
				2. Rough Opening (WxH): 15-3/4 x 24 inches (400 x 610 mm).

\*\* NOTE TO SPECIFIER \*\* Delete article if not required or delete models not required.

* 1. SURFACE MOUNT UNITS
		1. Surface Mount Units: A one piece aluminum box frame to make installation on a block surface more uniform. Surface mount models offer versatility for custom applications and simplifies retro-fit installations.
			1. Box Frame: Aluminum, one piece frame with Nylon tubes and rivet nuts.
			2. Model: BG SurfaceMt 1113.
				1. Dog Passage (WxH): 9 x 12 inches (229 x 305 mm). Interior Frame Model BG 1113.
				2. Rough Opening (WxH): 11-5/8 x 14-1/4 inches (295 x 362 mm).
				3. Overall Dimensions (WxH): 13-15/16 x 15-3/8 inches (354 x 390 mm).
			3. Model: BG SurfaceMt 1418.
				1. Dog Passage (WxH): 11-3/4 x 16 inches (298 x 406 mm). Interior Frame Model BG 1418.
				2. Rough Opening (WxH): 14-3/8 x 18-1/4 inches (365 x 463 mm).
				3. Overall Dimensions (WxH): 16-11/16 x 19-3/8 inches (424 x 492 mm).
			4. Model: BG SurfaceMt 1624.
				1. Dog Passage (WxH): 13-3/8 x 22-3/8 inches (340 x 568 mm). Interior Frame Model BG 1624.
				2. Rough Opening (WxH): 16-1/8 x 24-3/8 inches (410 x 619 mm).
				3. Overall Dimensions (WxH): 18-5/16 x 25-9/16 inches (465 x 649 mm).
			5. Model: BG SurfaceMt 1631.
				1. Dog Passage (WxH): 13-3/8 x 29-3/8 inches (340 x 746 mm). Interior Frame Model BG 0632.
				2. Rough Opening (WxH): 16-1/16 x 31-1/2 inches (408 x 800 mm).
				3. Overall Dimensions (WxH): 18-5/16 x 32-9/16 inches (465 x 802 mm).
			6. Model: BG SurfaceMt 1632.
				1. Dog Passage (WxH): 13-3/8 x 31-3/8 inches (340 x 797 mm). Interior Frame Model BG 0632.
				2. Rough Opening (WxH): 16-1/16 x 32-7/8 inches (408 x 835 mm).
				3. Overall Dimensions (WxH): 18-5/16 x 34 inches (465 x 864 mm).
			7. Model: BG SurfaceMt 1825.
				1. Dog Passage (WxH): 16 x 23-3/4 inches (406 x 603 mm). Interior Frame Model BG 1825.
				2. Rough Opening (WxH): 18-3/8 x 25-3/4 inches (467 x 654 mm).
				3. Overall Dimensions (WxH): 20-11/16 x 27 inches (68 x 686 mm).
			8. Model: BG SurfaceMt SP1419. Single panel units.
				1. Dog Passage (WxH): 13-1/4 x 16 inches (337 x 406 mm). Interior Frame Model BG SP1419.
				2. Rough Opening (WxH): 14-3/8 x 19-7/16 inches (365 x 494 mm).
				3. Overall Dimensions (WxH): 16-3/4 x 20-5/8 inches (425 x 524 mm).
			9. Model: BG SurfaceMt SP1624. Single panel units.
				1. Dog Passage (WxH): 15 x 20-7/8 inches (381 x 530 mm). Interior Frame Model BG SP1624.
				2. Rough Opening (WxH): 16-1/16 x 24-3/8 inches (408 x 619 mm).
				3. Overall Dimensions (WxH): 15-5/16 x 25-9/16 inches (389 x 649 mm).

\*\* NOTE TO SPECIFIER \*\* Delete article if not required or delete close off cover panel system not required.

* 1. CLOSE OFF COVER PANEL SYSTEMS
		1. BG Slide-in Close Off Cover Panel System: Commercial closure featuring composite panel dog door cover and insulated aluminum side track rails. Panels are raised and lowered by hand. The quick release pin lock secures panel in closed position.
			1. Cover Panel: ABS composite. 1/4 inch (6 mm) thick black thermoplastic. Chemically resistant. Washable and chew proof.
			2. Side Rails: Heavy duty military grade aluminum.
				1. Plush weather seal lined inside each rail.
			3. Quick Release Pin: Locks cover into position.
			4. Insulated Weather Seal Cross Bar: Installs across the top of kennel door opening.
		2. BG Guillotine Kennel Door System. Allows remote operation of close off cover panels without having to enter each kennel via a remove controlled cable system The panel can be set to open or closed position from outside of the kennel adding an added level of safety for you and your staff.
			1. Rails: 50 inch (1270 mm) military grade anodized aluminum.
			2. Cable: 26 ft (7.925 m) aircraft quality stainless steel.
			3. Corrosion resistant pulleys, cable clamps and hardware
			4. Chemical resistant nylon tubing cable handle loop.
			5. Insulated weather seal cross bar.
			6. Quick release pin lock.

\*\* NOTE TO SPECIFIER \*\* The guard is optional. Delete if not required.

* + - 1. Blue cable guard. Conceal top portion of side rail, cable assembly, and door panel while in the open position.
1. EXECUTION
	1. EXAMINATION
		1. Do not begin installation until substrates have been properly constructed and prepared.
		2. If substrate preparation is the responsibility of another installer, notify Architect in writing of unsatisfactory preparation before proceeding.
	2. PREPARATION
		1. Clean surfaces thoroughly prior to installation.
		2. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.
	3. INSTALLATION
		1. Install in accordance with manufacturer's instructions, approved submittals, and in proper relationship with adjacent construction.
	4. FIELD QUALITY CONTROL.
		1. Field Inspection: Coordinate field inspection in accordance with appropriate sections in Division 01.

\*\* NOTE TO SPECIFIER \*\* Include if manufacturer provides field quality control with onsite personnel for instruction or supervision of product installation, application, erection, or construction. Delete if not required.

* + 1. Manufacturer's Services: Coordinate manufacturer's services in accordance with appropriate sections in Division 01.
	1. CLEANING AND PROTECTION
		1. Clean products in accordance with the manufacturer's recommendations.
		2. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION