

Attachment #1

26-Foot Bumper Pull Mobile Emergency Animal Shelter Trailer (revised:4-6-09)
Leon County Animal Control, Tallahassee, FL (850) 606-5400

Specifications:

Size: 102-inch x 26-foot V-Nose (24' interior w/ 2' hitch area)

102-inch Interior Height

Vinyl Ceiling

Interior walls insulated, covered by 3/8-inch pressure treated wood, covered by aluminum siding. Rubber sealed at joints.

Wall frame spacing – industry standards

Roof frame spacing – industry standards, in addition: the framing at the back 5 feet on trailer be closer to handle luggage rack on top. Not a walking roof.

2 - Rooms: 1 dog and 1 cat room

Divider wall, wall not insulated, aluminum framing, 1/4 inch pressure treated wood, covered by aluminum siding. Results of room sizes: cat room approx. 7 feet 4 inches long and dog room approx 14 feet 4 inches long. Divider wall and separation wall taking up the extra 4 inches.

1 – window in divider wall, 2 foot by 2 foot, slide up glass, over sink.

Flooring: Price for each type

A - Pressure Treated flooring, 3/4 inch – to protect against moisture from inside and outside trailer. Vinyl flooring over wood floor up to aluminum siding. Seal joints of vinyl/aluminum connection. No vinyl in V-Nose area. (Thick rubber mats to cover the main travel areas.)

B – Aluminum flooring, diamond plate on top, including the V-Nose area.

1 – Separation wall from main trailer (cat wing) and V-Nose, aluminum framing, 1/4-inch pressure treated wood, covered by aluminum siding on the cat wing side.

1 – RV door 24 inches wide by 60 inches high (or comparable) flush mounted in V-Nose to access equipment, curb side. Room to store electric panel and hot water pump. If possible, install a shelf unit above electric panel and pump to store miscellaneous items.

36-inch RV door with flush lock and window located 40 inches from front on curb side

36-inch RV door with flush lock and window located 30 inches from rear on curb side.

Pull out steps at both side doors – easy step up for people and animals

Hand rail on sides of doors for easy access.

4 – 12-inch wide by 22-inch high vertical slide windows w/ screens: 3 on road side (2-dog wing and 1 cat wing), 1 on curb side in dog wing.

2 – 7k Torsion Axles (rubber ride axles, self adjusting brakes, drop axles to lower trailer for easy step in and out).

16-inch radial tires (E-range 10 ply) on white spoke wheels.

2 - Spare tire – storage in trailer

4 – 5k Scissor Jacks bolted to bottom of trailer at each corner – 1 each corner (to level trailer when parked)

1 – 20-Foot Awning to run on curb side over each door – to allow work area outside of trailer to check-in animals out of rain and sun.

- 2 – Roof power vents – 14 inch x 14 inch crank open type
- 2 – MaxAir Roof Vent Covers – weather cover to keep rain out when Roof Vents open
- 2 – 12 V batteries to power dome lights, electric tongue jack and water pump.
- 1 - 110V built-in 12V Battery charger – when 110V power on 12V battery will recharge.
- 1 – Solar power 12V Battery charger – battery stays charged without being plugged in.
- 1 – Electric tongue jack
- 3 – DC Dome lights with switch wired to 12V battery to allow lighting inside trailer when 110V power is not hooked up: 2 in dog wing, 1 in cat wing.
- 2 – Wire & Brace Air Preps – bracing and wiring from 50 amp box to added framing to support A/C units.
- 50 Amp Box with shore line located in V-Nose – all 110 electrical will have safety breaker. (Confirm 50 Amp Box can handle the electrical requirements.)
- 3 - Interior lights: 18 inches x 4 foot double tube florescent ceiling lighting with 1 switch: 1 at each door. 2 - dog wing and 1 - cat wing
- 6 exterior flush mount quartz lights: 2 on rear & 2 on each side with interior switch.
- 3 – 110V interior wall plugs: 2 in dog wing (by door and divider wall) and 1 in cat wing (by door)
- 2 – Exterior GFI plugs, 1 each side – to supply power outside of trailer

- 40-gallon Fresh water tank with side fill access – mounted in frame under floor
- 50-gallon Gray water tank with dump valve – mounted in frame under floor
- Plastic Deep Well Utility sink & faucet, approx. 24 inches square and 24 inches deep sink mounted to divided wall cat wing side – drain plumbed to gray water tank
- 6-gallon electric hot water tank with switch mounted in V-Nose.
- Pressurized RV style demand water pump – 12V or 120 V (same battery 12V interior lights, mounted in cabinet under sink, battery box, vented.
- 1 - 15k Roof mounted RV style A/C-Heater unit – dog wing
- 1 - 9K Roof mounted RV style A/C-Heater unit – cat wing

- Bogie Wheels on back – 2 roller wheels on back of trailer to protect bottom from dragging when pulling trailer in or out of drive aprons where back can drag.
- Extended hitch with 10K jack drop leg jack on tongue – heavy duty jack.
- 8 – Heavy duty D-Rings welded on frame of trailer: 4 each side, hanging down.
- Double Tail Lights on rear – for added safety.
- All DOT required side marker lights – both top and bottom.

The shelves will be free standing commercial metal units, adjustable wire racks, high weight capacity, and bolted to the floor and walls. The wire shelves will allow kennels to be fastened for security and safety. The shelves to hold the kennels in the dog wing will line the entire interior road side wall, half the curb side wall and portion of the rear wall. The shelves in the cat wing will line the wall connected to the V-Nose and half the wall that divides the two rooms. With the sink under the pass through window, there will be wire shelves on the left side of the sink. The rear wall in the dog wing will be used for storage or additional kennels, as each situation dictates.

Animal kennels: Double door wire kennels with bottom tray, sizes in inches

19 – Medium kennels, 24 x 21 x 18

12 – Intermediate kennels, 30 x 24 x 21

11 – Large kennels, 36 x 24 x 24

6 – X-Large kennels, 42 x 31 x 28

2 – Giant kennels, 48 x 33 x 30

1 – Portable Generator unit, 8000/13500 120/240 volt 30 AMP

Construction Questions:

- 1- Awning constructed not to interfere with the two exterior doors when open.
- 2- Provide estimate weight (empty and full water tank).