

# MODEL PRO 6W6

## Specifications

**Manufacturer:** Custom Fiberglass Coaches

**Model:** PRO 6W6

**Description:** A fiberglass one-piece molded animal transportation unit with (6) six animal compartments. Standard features include a fresh air ventilation system vented to each compartment, a pass-through swing door in the front compartment, bright white LED lighting in each compartment, solid partitions creating 6 individual compartments, sloped floor drainage system, back up alarm, high-low brake lights and flashers, and Ultimate Safety doors with large adjustable louvers.

**Construction:** Reinforced One-Piece Molded Fiberglass Construction with a bright white gel coat high gloss exterior finish. Steel tube frame lines interior around the entire bottom of the unit with cross members to provide a solid mounting structure. All the steel under structure is completely sealed in fiberglass.

**Body Dimensions:** 80" Wide x 45" High x 110" Long

**Weight:** Approximately 1100 lbs.

**Truck Chassis:** Must be a standard long bed truck chassis with a 56" cab-to-axle (CA) measurement. And it must have single rear wheels.

**Animal Compartment Sizes:** Measured from center of partitions

Street Side: Front 36" Wide x 36" High x 39" Deep (w/ pass through door open 36" Wide x 78" Deep)

Center 36" Wide x 36" High x 39" Deep

Rear 38" Wide x 36" High x 39" Deep

Curb Side: Front 36" Wide x 36" High x 39" Deep (w/ pass through door open 36" Wide x 78" Deep)

Center 36" Wide x 36" High x 39" Deep

Rear 38" Wide x 36" High x 39" Deep

**Under Structure:** Framed with 1.5" x 2" 14 gauge high strength tubular steel on all sides with two 2" x 3" 11 gauge high strength tubular cross members. Four 5" x 5" x .375" solid steel angle mounts are installed for easy mounting on the vehicle frame using grade 8 bolts. All steel is completely sealed in fiberglass to minimize exposure to the elements and reduce rust and deterioration.

**Floor:** Constructed using a .75" foam composite board molded and sealed into the unit with three layers of fiberglass. The top layer thickness is .1875" and the bottom layers are .15625" and .1875" in

thickness. Floors have a .75" recess creating a trough under the unit with individual drain capabilities. The floor is sloped to the center, so drainage flow is directed to the drain holes and into the trough under the unit keeping compartment floors dry and clean. The undercarriage is sealed with fiberglass which provides maximum insulation preventing heat from rising through the floor.

**Compartments:** Walls and ceilings are gel coat sealed and webbed to provide a smooth, easy to clean finish in the compartments. (Note: Bodies can be made to your specifications and partitions can be made with wire)

**Doors:** Doors are constructed of a reinforced aluminum fabricated frame and are 21" wide x 31.75" high. Aluminum jalousie is 13.5" wide x 24 7/8" high with (6) six louvers split (3) three on top and (3) three on the bottom with welded wire behind the louver. A stainless steel continuous hinge (1.5") (20 Gauge) connects the door to a fiberglass frame molded into the body. Aluminum drip shields are placed over all doors. A keyed alike stainless steel recessed folding 'T' latch locking handle is used.

**Extra Large Doors:** Come standard in the front passenger and front driver side compartments. The XL door is 25.75" wide by 31.75" high with an aluminum jalousie.

**Catch Pole Doors:** Doors can have a catch pole door within the door measuring 4" wide x 3.75" high. If the unit is ordered without interior safety doors.

**Interior Safety Door:** Heavy duty wire interior safety door with an arm and catch pole opening on the latch side. Door is constructed of 3/8" frame and 3/8" horizontal rods with 1/4" vertical rods welded at all intersections. A heavy duty 1/2" spring loaded bolt latch is used to provide a positive latching system and the door is mounted with stainless steel hinges. The interior safety door is installed inside the outer door to keep the animal secured in the compartment when the outer door is opened protecting the operator and allowing full vision of the compartment. *Available in steel with a powdercoated black finish or in Stainless Steel.*

**Ventilation:** Forced fresh air ventilation system provides 580 CFM airflow with a dual fan blower and is vented to each of the individual compartments. A 4" high x 18" wide fiberglass air duct is installed in the ceiling of the unit and runs down the center the full length of the unit. The blower is installed inside the rear of the unit in the housing at the end of the air duct and forces air through the duct. Fresh air is drawn in from outside and is vented to each of the individual compartments blowing stale air from the compartments and providing fresh air. The forced air is distributed equally to all compartments and does not circulate from one compartment to another. The blower is operated with a switch and indicator light in the cab.

**Roof:** Roof is backed by .5" high density composite board with a .15625" layer of fiberglass applied to the ceiling of the unit. The composite board is completely glassed in providing maximum insulation and strength. Roof of the compartments are gel coat sealed and webbed.

**Roof Rack:** Stainless steel tube and stanchions.

**Lights:** All LED bright white lights in individual compartments minimizes power draw on vehicle. Rubber mounted LED running, stop, turn and back up lights. Side mounted clearance lights installed away from gas tank filling areas in accordance with FMVSS.

**Back Up Alarm:** 105 D.B. back up alarm mounted under the unit at the rear.

**Bumper:** Steel step bumper with tread plate top, powdercoated black.

**Ground Effects:** Molded fiberglass skirting is installed along the bottom of the unit with openings centered over rear tires and sized large enough for easy tire removal when necessary. Ground effects are constructed of fiberglass and have a bright white gel coat high gloss finish.

**Installation:** Mounts easily to the truck frame with bolts using 5" mounting plates welded to the cross members of the unit. Unit is easily transferred from one vehicle to another. Installation costs for mounting at our facility in Lake City, Iowa, are included in the pricing.

**Color:** Bright white gel coat high gloss finish.

**Fuel Cap:** Recessed.

**Rust Proofing:** Unit is manufactured from fiberglass which will not rust or corrode and steel components are glassed in minimizing exposure to the elements.

**Wiring:** All wiring is color coded, run in conduit and glassed in so the wiring is not exposed to the animals. Wiring is easily accessed in junction boxes for future modifications or add on optional equipment installations.

#### **Available Options:**

- Interior Safety Doors (Available in Powdercoated Black Steel or Stainless Steel)
- Air Conditioning and Heating (Tie-In System)
- High Capacity Air Conditioning and Heating (Tie-In System)
- Dedicated Air Conditioning and Heating with auxiliary compressor and roof top condenser
- Digital temperature monitoring
- Pull Out Ramp
- Drop Down Steps
- Hoist Back Saver with cage
- Tube Style Catch pole holder
- Light bar (Various styles for the truck cab, or the roof of the unit)
- Strobe lights
- Work lights
- GoLight remote controlled spotlight
- Customized lighting packages
- Rear blind spot mirror
- Pet Step folding ramp

