

SAMPLE Animal Transport Vehicle

Animal Transport Vehicle Considerations

- Type of vehicle- (towed or internal cargo space)
- Needed capacity of vehicle –(number, sizes, species of animals)
- Weight capacity of vehicle- (weight limit, suspension)
- Engine type- (gasoline or diesel)
- Internal environment control- (AC, heating, capacity)
- Electrical requirements- (alternator capacity, generator)
- Cargo space monitors- (CO, temperature, camera)
- Lighting- (external, internal)
- Insulation- (sound deadening, temperature, driver barrier)
- Ability to sanitize- (waterproof/hose down, spot clean/mop) materials
- Caging style- (permanently installed, crates)or both, tie downs type
- Other cargo needs (cleaning supplies, food, water, med kit etc, see supply list addendum)
- Operator requirements- (large vehicles may require special licensure, see individual states where operating) number of staff.
- Vehicle security- (Alarms, locks) storage where-on site or off- garage- longevity

Animal Transport Vehicle Buildout Considerations

- Insulated floor mat and additional alternator but not factory installed rear air
- Heating and air rooftop units that are powerful enough to handle:
 - Exterior temperature
 - Interior temperature including animals body temperature x number of animals on board
- Long wheel base, raised roof vehicle
- 3.2 liter Diesel engine
- SLR 65 heat / cool unit includes:
 - Dual Compressor mount & drive kit (BSI)
 - Basic SLR Roof mount install kit
 - Standard (3 speed blower & thermostat controls)
 - Combined water valve and 12v boost pump assembly
 - TM 16 compressor with 8 rib poly groove belt & 119 diameter clutch
 - Refrigerant R134A
 - Refrigerant A/C hose and fitting kit along with required cover panels
 - Specs:
 - Max BTU / hr. / KW
 - Evaporator Air Flow
 - Amperage requirements 12VDC

- 66,000 BTU / IMACA/BTU / hr (estimated)
 - 1,000 CFM]
 - 65 Amp
- Exterior lights on side and rear so that the parking area can be illuminated at night
- Interior LED strip lights along the wall on the opposite side of the kennels so you can easily view the animals
- Horizontal galvanized E track that supplies/crates can be easily attached
- D rings in floor to add additional securing points
- Floors in durable surface, Diamond plate or spray on bedliner to create disinfectable surface
- Insulation on ceiling, walls, and especially floor because of heat from the road – can use professionally installed spray foam covered in bedliner or durable washable walls insulated underneath
- Cameras in the interior of the van from a rear and front angle – 7” monitor in cab
- Bulkhead between seat and rear of van
- Extra grab handles for ease getting in and out of van
- Runner board step
- Helper springs – leaf spring suspension enhancer
- Caulk/seal interior – waterproof if not using spray foam