ARGOSY COMPACT BUS STANDARD SPECIFICATIONS

These specifications provide for a compact bus with seating capacity for 17, 25, and 29 passengers. The vehicle is designed and equipped to meet all applicable Federal Motor Vehicle Safety Standards. Perimeter seating is available, as well as lift-equipped units for handicapped and elderly passengers.

<table>
<thead>
<tr>
<th>General Specifications</th>
<th>CB-20 17-Passenger</th>
<th>CB-24 25-Passenger</th>
<th>CB-28 29-Passenger</th>
</tr>
</thead>
<tbody>
<tr>
<td>Outside vehicle width</td>
<td>96&quot;</td>
<td>96&quot;</td>
<td>96&quot;</td>
</tr>
<tr>
<td>Inside vehicle width</td>
<td>90&quot; @ belt line</td>
<td>90&quot; @ belt line</td>
<td>90&quot; @ belt line</td>
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<tr>
<td>Length</td>
<td>240&quot;</td>
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<td>329&quot;</td>
</tr>
<tr>
<td>Height</td>
<td>109&quot;</td>
<td>109&quot;</td>
<td>109&quot;</td>
</tr>
<tr>
<td>Head room — center aisle</td>
<td>79¾&quot;</td>
<td>79¾&quot;</td>
<td>79¾&quot;</td>
</tr>
<tr>
<td>Center aisle width w/34&quot; seats</td>
<td>21&quot;</td>
<td>21&quot;</td>
<td>21&quot;</td>
</tr>
<tr>
<td>Center aisle width w/39&quot; seats</td>
<td>11&quot;</td>
<td>11&quot;</td>
<td>11&quot;</td>
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<tr>
<td>Height of door opening</td>
<td>80¾&quot;</td>
<td>80¾&quot;</td>
<td>80¾&quot;</td>
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<tr>
<td>Step height from ground</td>
<td>8½&quot;</td>
<td>9½&quot;</td>
<td>12&quot;</td>
</tr>
<tr>
<td>Curb weight</td>
<td>7,600</td>
<td>8,370</td>
<td>9,480</td>
</tr>
</tbody>
</table>

| Chassis — Chevrolet     |                     |                     |                     |
| Model                   | CP30832             | CP31432             | CP31832             |
| Wheelbase               | 125"                | 168.5"              | 179"                |
| GVWR                    | 11,000              | 12,500              | 14,500              |
| GAWR (front)            | 5,000                | 5,000                | 5,000                |
| GAWR (rear)             | 7,500                | 5,000                | 9,840                |

| Engine — w/Oil Cooler   |                     |                     |                     |
| Engine                  | 454 CID V-8         | 454 CID V-8         | 454 CID V-8         |
| Bore                    | 4.25                | 4.25                | 4.25                |
| Stroke                  | 4.00                | 4.25                | 4.25                |
| Displacement            | 454 cu. in.         | 454 cu. in.         | 454 cu. in.         |
| Brake horsepower        | *240 @ 3800 RPM     | *240 @ 3800 RPM     | *240 @ 3800 RPM     |
| Torque (pound feet)     | *370 @ 2800 RPM     | *370 @ 2800 RPM     | *370 @ 2800 RPM     |
| Number of main bearings | 5                   | 5                   | 5                   |

| Transmission            |                     |                     |                     |
| Automatic w/auxiliary Hayden cooler | Model 400       | Model 400           | Model 475           |

| Turning Radius          |                     |                     |                     |
| Curb to curb            | 22' 11"             | 24' 10"             | 26' 3"              |

| Axle and Suspension     |                     |                     |                     |
| Front axle capacity     | 5,000                | 5,000                | 5,000                |
| Front spring capacity   | 2,500                | 2,500                | 2,500                |
| Rear axle capacity      | 7,500                | 7,500                | 10,000               |
| Rear spring capacity    | 3,100                | 3,750                | 5,000                |
| Rear axle ratio         | 4.10:1              | 4.10:1              | 4.56:1              |

| Brakes (power hydra-boost) |                     |                     |                     |
| Front (disc rotor)       | 12.5 x 1.53"        | 12.5 x 1.53"        | 14.25 x 1.53"       |
| Lininng                 | 46 sq. in.          | 46 sq. in.          | 46 sq. in.          |
| Rear (Drum)             | 13" x 3.5" (Drum)  | 13" x 3.5" (Drum)  | 13.75" x 3.5" (Disc) |
| Lining                  | 162.35 sq. in.      | 162.35 sq. in.      | 46 sq. in.          |

| Steering                | Integral hydraulic power assist; tilt steering wheel |

| Wheels and Tires        | 8.75 x 16.5 E (10 PR) | 8.75 x 16.5 E (10 PR) | 8 x 16.5 D (8 PR) |
| Tread — Front           | 16.5 x 6 Rm          | 15.5 x 6 Rm          | 70.06             |
| Tread — Rear            | 63.24 Dual.          | 63.24 Dual.          | 66.8 Dual         |

| Stabilizer              | Heavy duty Heavy duty Heavy duty |
| Front                   | 1¾" diameter 1¾" diameter 1¾" diameter |
| Rear                    | Heavy duty Heavy duty Heavy duty |
|                         | 1¾" diameter 1¾" diameter 1¾" diameter |

| Battery                 | 80 amp hour 80 amp hour 80 amp hour |
| Two Batteries           | 50 amp hour 50 amp hour 50 amp hour |
|                         | 160 amp total 160 amp total 160 amp total |

| Alternator              | 61 amp 61 amp 130 amp |
| Delco Leace-Neville     | 61 amp 61 amp 130 amp |

| Fuel Tank               | 50 gallon 50 gallon 50 gallon |

| Door Opening Width      | 26" 26" 26" |
ARGOSY COMPACT BUS STANDARD SPECIFICATIONS

FRAME
Material: carbon steel.
Section modulus: 5.26 (20' model), 8.12 on 24' and 29' models.
Yield strength: 38,000 PSI.

SUB-FLOOR
Sub-flooring is ¾" plywood; grade CD, plugged face veneer, touch sanded, incorporating interior glue. The floor is supported on a full-width sub-chassis of .90c-wall 1" x 2" steel tube on 12" centers with gusseted steel outriggers extending down to the main chassis. Plywood edges are fully protected by an aluminum extrusion. Sub-floor is laid in such a manner as to be free of squeaks and securely attached through areas sills. 2¼" fiberglass insulation is installed between floor sills.

UNDERFRAME
Cab area floor is ¾" plywood assembled on .090-wall 1" x 2" steel tube with exterior underfloor aluminum sheet covering.

BODY
Side and roof sections of body shell are constructed of .040 aluminum alloy sheet. Front and rear top segments are .032 stretch-formed galvanized steel. Lower front and rear segments are .032 stretch-formed aluminum alloy. Roof bows are .188 aluminum alloy hat-section-shaped ribs extending from floor level to floor level.
All body joints are riveted in accordance with the best-known practices in the industry, with high-strength heat-treated rivets.
Front and rear bumpers are brushed aluminum with steel-reinforced back-up attached to the chassis frame. Tow eyes are provided on the frame. Bumpers are of the wide channel type.
Interior sides and ceiling panels are .032 vinyl-coated aluminum. Side panels are covered with sculptured high-impact thermo-formed ABS .080 sheet for greater passenger safety. Interior walls are insulated with 2¼" thick fiberglass.

STEPWELLS
Stepwells are constructed of heavy-gauge steel and welded directly to the frame. Riser height is 8"; tread depth, 39¾"; tread width, 29½". All stepwells are equipped with automatic light illumination.

WHEELHOUSES
Wheelhouses are constructed of heavy-gauge steel with an ABS inner cover.

FLOOR COVERING
Interior flooring is rubber, manufactured by R.C.A. Rubber Co., available in a wide range of colors. Step tread is 3/16" ribbed, rubber flooring material with steel backing and white hyalon nosing for added safety. Center aisle strip and driver's platform are 3/16" ribbed rubber flooring material. Floor area under seats is covered with ¾" R.C.A. smooth rubber anti-skid flooring.
At the door, the strip is laid with ribs perpendicular to the center aisle; joints between aisle strip and door strip are mitered at approximately 45° with grooves matching. All joints in flooring are butt-cut type, properly sealed.

SEATING
Individually-contoured passenger seats are two-passenger, forward-facing, 34" width allowing a 21" aisle, or 39¾" width allowing a 11¾" aisle. A passenger grab bar is affixed to each seat back next to the aisle. Construction is all-steel with 15-gauge 1¼" O.D. tube. Back and seat cushions are supported with tenon suspension bands. Cushions are full molded 4-lb. density foam construction. Seat covering is 32-oz. long-wearing vinyl. Perimeter seating is also available.

DRIVER'S SEAT
The driver's seat has the same general specifications as the passenger seats, and is of full foam construction. A pin-lock lever is provided for positive lock in the driving position. The seat offers fore, aft, and height adjustment.

DOOR
The entrance door is an electro-pneumatic-actuated split-contoured door, and is complete with brake interlock system preventing movement of the coach with the door open. There is a 26" clear door opening. Height of the door opening, at the bottom step is 80½". Water-deflecting roof gutters are provided above the door.
The door consists of two halves which split vertically and shut to the outside of the coach on a parallelogram linkage. At no time during the opening or in the full-open position do the door sections protrude more than 3½" past the outside of the coach. Windows are provided in the door. Power for operation is provided by compressed air supplied from an air reservoir tank (capacity 700 cu. in.) fed by an electric compressor. Passenger pressure-sensitive door edges extend the full height of each door section, and return the door to full open position at resistance. Normal door actuation is controlled from the driver's seat by an electric switch located at the left of the driver. An emergency opening release is provided by an air valve located inside the coach above the door. A key-operated switch to close and lock or open the door is located on the outside of the coach, inside the front engine access cover.

SIDE WINDOWS
Large tinted side windows are standard on all models. Passenger side windows have an aluminum seal of the double-bay, horizontal-slide type, glazed with tempered safety glass set in vinyl. Driver side window is rear-sliding split type with tinted safety glass. Passenger escape windows are provided on each side, with emergency release latches that automatically activate a warning alarm when the window is released. Emergency window release instructions are on the emergency handles. A glass is single-density tinted.

REAR WINDOW
The rear window is glazed with tinted, tempered safety glass. Window consists of three sections: one flat center section and two curved side sections. Back is safety-equipped with a clear 20" x 40" opening for quick passenger escape, utilizing the same emergency release system as the side windows.

WINDSHIELD
There are approximately 3,200 square inches of tinted windshield area, allowing the driver an unobstructed view. The windshield is a two-piece fixed-type, of quarter-inch laminated safety glass set in heavy rubber channels. Windshield visor is padded, and rotates in a 120° plane above the driver.

WINDSHIELD WIPERS
Two heavy-duty electric two-speed windshield wipers are provided, controlled by dual switches mounted on the dash. An electric windshield washer is also provided. Wiper motors are mounted inside the front engine access compartment for ease of inspection and maintenance.

INTERIOR LIGHTING
12-volt lights extending the full length of the passenger compartment on either side provide lighting; adequate for night reading and operation with or without the engine running. System is controlled from the driver's compartment. The door stepwell and the area immediately outside in front of the door are illuminated by a light in the stepwell, activated by door opening. It can be shut off during daylight hours.
ARGOSY COMPACT BUS STANDARD SPECIFICATIONS

GRAB RAILS, STANCHIONS, MODESTY PANEL
All stanchions and grab rails are 1%" O.D. brushed chrome tubing. All fittings are polished cast aluminum. Stanchions are mounted ahead and aft of the door stepwell at the aisle. Horizontal grab rails extend from the stanchions to the sidewall at the entrance door. Hand-assist rails are installed angled from the door stanchions to the bottom step on either side of the door. A black vinyl modesty panel is attached to the stanchion and grab rail at the rear of the stepwell.

MIRRORS
A 4" x 18" rectangular (framed safety glass) inside view mirror is mounted on the windshield center post. Fully adjustable outside rear vision mirrors are provided on both sides of the bus.

ELECTRICAL SYSTEM
All main wiring harnesses are loom or synthetic-rubber-covered and concealed for protection from the elements. All general-purpose wiring is stranded-copper-wire core with vinyl insulation. All wiring is color-coded for easy identification, and meets all SAE requirements. Wiring connectors are machine-staked or soldered insulated type with heavy-duty terminals. All circuits are protected by fuses.

RADIATOR AND COOLING SYSTEM
The radiator is a down-flow tube-type with multi-louver design. It has a 542-sq. in. frontal area; is 2.68" thick; has 36" spacing between tubes; and 6.2-gallon capacity. The radiator fan is a temperature-controlled clutch type with a self-unloading valve to prevent damage from extreme pressure. The filler neck has a 15-lb. pressurized cap. A coolant recovery system is provided as standard equipment. The system is filled with a permanent-type anti-freeze.

HEATER-DEFROSTER
The heater-defroster is a dash-mounted unit with a 40,000 BTU rating, ducted to the driver compartment and the stepwell.

EXTERIOR LIGHTING
Exterior lighting meets all Federal requirements. The coach is provided with 12-volt sealed-beam automotive headlights with tilt-away features, controlled by a button dimming switch mounted on the floor convenient to the operator's left foot. A spotlight high-beam indicator is installed on the instrument panel. Two 4" square automotive-type combination stop and turn lights and two 4" back-up lights are provided for the rear of the coach. Two automotive-type turn indicators are provided on the front of each vehicle. Turn signals are controlled by one switch of the self-canceling type. Rear lights are red; front lights are amber. Front and rear lights are flush-mounted. The stop light switch is protected from road splash and other contaminants. Illumination is provided for the rear license plate. Roof marker lights, one at each corner of the coach, are provided, as well as three clearance lights at both the front and rear of the vehicle. Four reflectors are provided, two amber on the lower front and two red on the rear. A hazard-warning flasher is connected with the turn light circuit for emergency stops, and is activated each time the door opens.

EXTERIOR PAINT
The exterior is finished with Dupont Cantauri acrylic paint. A two-tone combination (customer's choice of colors) is standard.

OPTIONS

Basic options are as follows:

AIR CONDITIONING
Argosy offers a commercial bus air conditioning system. The system utilizes a skirt-mounted condenser with epoxy-sealed motors for air circulation. The evaporator section is mounted in the ceiling, and molded covers are used to integrate the evaporator into the contour of the interior. The evaporator extends the full length of the passenger section. A separate unit is provided for the driver.

REAR HEATER UNIT
The rear heater unit with 3-speed control switch on the dash contains two heaters with a combined BTU rating of 40,000. The unit has adjustable nozzles. It is mounted under the rear seat.

DESTINATION SIGN
The destination sign has a sealed outside viewing area of 5" x 36", and is illuminated by fluorescent lights. The sign has a capacity of 25 separate destination listings, each with 4%" characters. Destination listings are rotated with an electric advance mechanism from inside the bus. There is a 4" x 4" viewing window with a pointer above the driver area for determining which listing is displayed outside.

FARE BOX
A Diamond Manufacturing fare box is offered for fare collections. The Model H is designed for large operations or heavy runs. It is 5" in diameter, 23" high, and weighs 16 pounds. The Model E-5 is 5" in diameter, 20" high, and weighs 14 pounds. Both take coins, tokens, and tickets.

OTHER OPTIONS AVAILABLE: Driver air vent, driver comfort fan, passenger signal chime, mud flaps (must be used on lift-equipped busses), brushed chrome overhead handrails, driver's panel and brushed chrome stanchions, stainless steel stanchions, stainless steel handrails, 26" bi-fold door (24' and 26' models only), 26" rear door (24' and 26' models only), 28" door (front only), 32" bi-fold door (front only), hydraulic lift with 36" door (24' and 28' models only), semi-automatic wheelchair tie-downs, seat belts with tie-downs (far wheelchairs), jump seats, special gauges (customer request or state requirement), AM/FM stereo with tape deck, AM/FM stereo with tape deck and P.A., carpeting (indoor-outdoor), spare tire, safety triangles, wheel covers, special-order paint (more than two colors), first-aid kit, back-up horn, brake retarder, California emission controls, steel-belted radial tires, accelerator interlock, bumper guards,太高pipe hangers, outside floodlight, luggage rack (special request).

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