

24:06:07:04. Heating and air conditioning systems. Heaters must be provided in a school bus, air conditioning systems may be installed in accordance with the section entitled "Heating and Air Conditioning Systems" on pages 35 to 39 of the **National School Transportation Specifications & Procedures**, 2010 Revised Edition. In addition, the following standards apply to school buses as defined in "School Bus Types" on page 15 of the **National School Transportation Specifications & Procedures**, 2010 Revised Edition:

(1) The minimum installation for a Type A bus is one front fresh air heater, utilizing the manufacturer's standard heater with a defroster core and a driver's deflector, and one or more rear recirculating underseat heaters with a minimum of 38,000 BTUs;

(2) The minimum installation for Type B and C buses is one left front fresh air heater with a defroster core and a driver's deflector with a minimum of 80,000 BTUs, one right cowl recirculating heater with a minimum of 50,000 BTUs. The minimum installation for a type D bus is one front fresh air heater with a defroster core and minimum of 80,000 BTUs, plus a drivers underseat heater with a minimum of 14,000 BTUs, and rear heaters for type B, C, and D buses are as follows:

(a) Buses with a capacity of less than 59 passengers must have a rear underseat recirculating heater with a minimum of 75,000 BTUs;

(b) Buses with a capacity of 59 passengers or more must have two rear underseat recirculating heaters or a combination of one midship and one rear, each having a minimum of 75,000 BTUs.

Source: 22 SDR 61, effective November 9, 1995; 30 SDR 181, effective May 20, 2004; 33 SDR 152, effective April 5, 2007; 38 SDR 58, effective October 17, 2011.

General Authority: SDCL 13-29-2, 13-29-6.

Law Implemented: SDCL 13-29-2, 13-29-6.

Reference: "School Bus Types," on page 15 and "Heating and Air Conditioning Systems," pages 35 to 39, **National School Transportation Specifications & Procedures**, 2010 Revised Edition. Copies may be obtained from the Missouri Safety Center, Humphreys 200, Central Missouri State University, Warrensburg, MO 64093, phone: (660) 543-4392 or at www.ncstonline.org. Cost: \$40.