The organ which is now in First Lutheran was built in 1905, by the J. G. Pfeffer and Sons Organ Company of St. Louis, Missouri for the First Presbyterian Church of Peabody, Kansas. (This church is now closed.) It is a two manuel (keyboards) and pedal organ with 13 ranks (sets) of pipes. It is entirely mechanical action except for an electric blower which provides wind for the organ. Originally the organ was hand-pumped, but in the late 1960's a new reservoir (which stores wind) replaced the orginal reservoir and the pumping mechanism was removed. The organ has a Principal chorus of 8', 4', and 2' Diapasons in the great (lower manuel) and it is quite "bright" sounding for the period in which it was built.

The organ was dismantled, moved and reassembled in the balcony of First Lutheran by Michael Quimby, Quimby Pipe Organs of Warrensburg, Missouri.

J. G. Pfeffer was an organ builder in St. Louis, Missouri from the 1860's up until about 1912. He was a German immigrant who did not depart too far from the European style of organ building. As a result of this, his organs tend to be "brighter" and thus more in line with organs of the 17th-18th centuries and also with the organs being built today than were many of the pipe organs by other American builders of the same period.