



To learn more about  
**Buzard Op. 48**  
and the organ's place in  
the visual arts and in history,  
visit our interactive exhibit in  
the Bradford Gallery.

**HOW OFTEN WILL THE ORGAN NEED TO BE TUNED?** Because organ pipes respond to temperature changes, we usually recommend tuning twice a year: when the heating season begins, and again when switching to air conditioning.

**DO WE NEED TO RUN THE A/C OR HEAT CONSTANTLY?** No. The important thing is to have the organ tuned under the same conditions as when it is used for services. If the temperature varies greatly in between times, the organ will sound out of tune at the other temperature, but will again be in tune when the temperature returns to normal.



To find out more about BUZARD PIPE ORGAN BUILDERS and the people who built this instrument, visit [buzardorgans.com](http://buzardorgans.com).

## CONTACT US

Bradford Gallery  
St. George's Episcopal Church

4715 Harding Pike  
Nashville, TN 37205  
615-385-2150  
[stgeorgesnashville.org](http://stgeorgesnashville.org)

## GALLERY HOURS

Tuesdays & Thursdays  
2:00-4:00pm

Group tours are welcome! Please call the church at 615-385-2150 to inquire about a docent-led group tour.



## FREQUENTLY ASKED QUESTIONS

about the new Buzard Organ for  
St. George's Episcopal Church  
Nashville, TN





**ARE THE FACADE PIPES DUMMIES?** All but eight of the 200 pipes visible in the facades are real speaking pipes from the Great and Pedal Open Diapasons, Dulciana, and Open Flute. They are made of polished tin.

**WHAT KINDS OF WOOD ARE USED IN THIS ORGAN?** The console cabinet is made of white oak, and the wood around and below the keys is also white oak. The stop knobs are made of blackwood, set in stop jambs of lacewood veneer. The organ case is made of white oak, stained to blend with the chancel furniture. The windchests and interior structure of the organ are made of poplar and maple.

**ARE THE KEYS REAL IVORY?** The white keys, or “naturals,” look and feel much like ivory, but are actually covered with cow bone that has been bleached and polished. The black keys, or “sharps” are made of blackwood.

**HOW LONG DID IT TAKE TO MAKE THIS ORGAN?** It was under construction in the Buzard shop in Champaign, Illinois, for over 22 months. All the pieces were made, assembled, tested, and then dismantled and packed for transport to Nashville.



**HOW LONG WILL THE INSTALLATION TAKE?** Most of the physical installation will be completed in about two months. Approximately 14 additional weeks will be given to tonal finishing and tuning.

**IT MUST TAKE A REALLY POWERFUL COMPRESSOR TO PLAY ALL THOSE PIPES.** Two blowers are installed in the lower part of the organ case. A finely balanced 7.5-horsepower blower supplies wind to most of the organ at regulated pressures between four and six inches, which is similar to the amount of breath it takes to play a woodwind or brass instrument. It is the volume of air moving through the pipes that is critically important in filling the worship space with beautiful tone. A separate one-horsepower blower provides high pressure air to the Tuba Mirabilis.

**WILL THE PIPES NEED TO BE DUSTED?** Organ pipes are best left alone and should be touched only by an experienced organ tuner.

**HOW MANY PIPES DOES THIS ORGAN HAVE?** This organ has 3,067 pipes arranged in 61 sets called ranks. It has four keyboards called manuals for the hands, and one called a pedalboard for the feet.

**HOW BIG IS THE BIGGEST PIPE?** Low C of the Pedal Contra Trombone is more than 32 feet long. Like many pipes in this organ, it is mitered to fit into the available space. Some other large pipes are Haskelled to make best use of the space, meaning a shorter tube (compared to the full-length pipe) is nested within another shorter tube.

**HOW SMALL IS THE SMALLEST PIPE?** High C of the Fifteenth 2' is 1/8 inch in diameter and its speaking length is less than 1/2 inch long.

**WHAT ARE THE PIPES MADE OUT OF?** Some of the large metal pipes are made of copper, but most of the pipes are made of varying alloys of tin and lead. Tin enhances the brightness of the tone; lead contributes a mellow quality. There are also 128 wood pipes made of poplar.