



7-rank “Inspiration Organ” 221-U-07

GREAT ORGAN (I)

			# pipes
1.	Open Diapason	8 70% tin – 1-12 common with Stopped Diapason with 4' 50% tin helpers	56
2.	Chimney Flute	8 1-24 common with Stopped Diapason; 50% tin	32
3.	Gamba	8 Common with Swell	--
4.	Octave	4 50% tin	56
5.	Quint	2 2/3 From Tenor C; from Swell	--
6.	Fifteenth	2 Extension of Octave 4'	12
7.	Mixture II	1 From Quint & Super Octave C1: 22-26 F2: 19-22 F3: 15-19 F4: 12-15	--
8.	Trumpet	8 50% tin	56

SWELL ORGAN (II)

			# pipes
9.	Stopped Diapason	8 1-12 stopped wood	56
10.	Gamba	8 1-12 common with Stopped Diapason, 50% tin	44
11.	Violina	4 Extension of Gamba	12
12.	Chimney Flute	4 Extension of Great	12
13.	Fifteenth	2 Common with Great	--
14.	Quint	1 1/3 50% tin	56
15.	Trumpet	8 Common with Great	--
	Tremolo	Affecting the entire instrument	

PEDAL ORGAN

			# pipes
16.	Subbass *	16 Stopped wood; 13+ common with Stopped Diapason	12
17.	Octavebass	8 From Great	--
18.	Stopped Diapason	8 From Swell	--
19.	Octave	4 From Great	--
20.	Chimney Flute	4 From Great	--
21.	Trumpet	8 From Great	--

*The Subbass 16' is installed at the back or on the sides of the instrument

ANALYSIS

	<u>Speaking Stops</u>	<u>Ranks</u>	<u>Pipes</u>
Total	21	7	404

COUPLERS

(Solid state)

Great	/	Pedal	8
Swell	/	Pedal	8
Swell	/	Great	8

ADJUSTABLE COMBINATIONS

(Electronic capture system ICS-4000)

General	1	2	3	4	5	6	7	8	Thumb (8)
Cancel									Thumb
Memory Up									Thumb
Memory Down									Thumb
General Next									Thumb (2) and Toe
General Previous									Thumb and Toe
Adjuster									Thumb

REVERSIBLE PISTONS

Great	/	Pedal	Thumb and Toe
Swell	/	Pedal	Thumb and Toe
Swell	/	Great	Thumb
Bass	/	Great	Thumb

BALANCED PEDALS

Expression
Crescendo

ACCESSORIES

Concave and radiating pedal clavier
Adjustable organ bench with gauge
Music rack light with dimmer
Pedalboard light (wind indicator)
Crescendo on all stops and couplers, with indicator light
Transposer with indicator light
Bass to Great indicator light
MIDI In/Out with pre-assigned channels
Record and Playback system
USB port

The organ shall be freestanding, with the following dimensions :
height : 2,81m (9' 3")
width : 2,42m (7' 11")
depth : 1,76m (5' 9") including the Subbass 16' at the back of the organ case

The key and stop action shall be electro-pneumatic.

The two-manual console shall be detached from the organ. The console case of traditional style, area surrounding the keyboards, organ bench and pedalboard shall be of yellow birch.

The stops and couplers shall be controlled by ebony and rosewood drawknobs arranged in angled traditional French-style terraces. The combination thumb pistons shall be round, white with black engraving.

Manual natural keys shall be covered with polymeric material, manual sharps shall be of ebony. Pedal naturals shall be of maple, pedal sharps shall be of rosewood.

There is no cover for the keyboards. The start-stop switch shall be of the key-lock type. The music rack shall be of tempered plate glass.

The Bass to Great feature shall allow the lowest note of the first manual to play the Pedal stops.

A complete expression enclosure, shutter frame, shutters and multi-stage expression motor for the entire organ except the Open Diapason 8' are included in this specification. The expression shades shall be equipped with Casavant's specially designed gasket to maximize control of volume from fully closed to completely open at 90 degrees.

Casework of stained yellow birch, generally as shown on Casavant drawing 8506-1 is included in this specification.

The Open Diapason 8' shall be exposed pipes in façade and shall be platinum stained and lacquered. The Subbass 16' shall be located at the back or on the sides of the organ.

There shall be a blower and motor of ample capacity, and a D.C. power supply for the low voltage current, provided by the Builder. The blower shall be located within the organ.



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