

SPECIFICATION SPECIAL MOREL

of a

KILGEN ORGAN

designed for

ST. AGNES CHURCH (PASSIONIST FATHERS)

LOUISVILLE, KENTUCKY

CONSOLE

Two consoles, each controlling the following specifications, to be of the most modern type, with finger stop key tablets and combination pistons adjustable while seated at organ bench. One console to be located in Choir gallery with Main Organ; the second console to be located in Sanctuary.



THREE MANUALS

Compass CC to C - - - 61 Notes each

PEDAL BOARD

Accepted American Guild of Organists' Model, Concave and Radiating. Compass CCC to G - - - 32 Notes.

EXTERIOR ORNAMENTATION

Two cases, one for Main Organ which is to be divided, and one for Sanctuary Organ, to be furnished and installed with the organ. Cases to be built of native hardwood, either oak or birch, hard oiled finished and rubbed, to match the interior wood finish of the building.

SPACE REQUIREMENTS

As per Organ Builder's blue prints.

EXPRESSION

Expression boxes, one for Swell Organ, one for Choir Organ, and one for the Sanctuary Organ, will be furnished and installed by Organ Builder.

A Kilgen Expression Selector will be installed on the face-boards in the two consoles.

PITCH

A-440 - C 523.2

"SPECIAL SPECIFICATION"

Drawn for the Rev. Frs. Anselm and Austin, C.P.
by
Prof. D'Avignon Morel.

GREAT ORGAN

1.	16' Open Diapason	73 Pipes
2.	8' First Diapason	73 Pipes
3.	8' Second Diapason	73 Pipes
4.	8' Hohl Flute	73 Pipes
5.	8' Gemshorn	73 Pipes
6.	4' Octave	73 Pipes
7.	4' Flute Harmonique	73 Pipes
8.	2' Fifteenth	61 Pipes
9.	Ripieno Mixture	(Comb.1 5 Ranks (Comb.12 (Comb.111 305 Pipes
10.	8' Tromba	73 Pipes
10A.	Chimes	20 Notes
10B.	Harp	49 Notes

SWELL ORGAN

11.	16' Bourdon	73 Pipes
12.	8' Open Diapason	73 Pipes
13.	8' Stopped Flute	73 Pipes
14.	8' Viola da Gamba	73 Pipes
15.	8' Salicional	73 Pipes
16.	8' Voix Celeste	73 Pipes
17.	4' Flauto Traverso	73 Pipes
18.	2' Piccolo	61 Pipes
19.2-2/3	Nazard	73 Pipes
20.	Mixture	3 Ranks 183 Pipes
21.	8' Trumpet	73 Pipes
22.	8' Oboe	73 Pipes
23.	8' Vox Humana	73 Pipes

CHOIR ORGAN

24.	8' Geigen Principal	73 Pipes
25.	8' Melodia	73 Pipes
26.	8' Viola	73 Pipes
27.	8' Dulciana	73 Pipes
28.	8' Unda Maris	73 Pipes
29.	4' Flute d'Amour	73 Pipes
30.	8' Clarinet	73 Pipes
31.	8' French Horn	73 Pipes
31A.	Chimes (from Great)	
31B.	Harp (from Great)	

PEDAL ORGAN

32.	32' Resultant	32 Notes
33.	16' Open Diapason	32 Pipes
34.	16' Sub Bass	32 Pipes
35.	16' Bourdon	(from Swell Organ) 32 Notes
36.	8' Octave	(ext. Contra Bass) 12 Pipes
37.	8' Bass Flute	(ext. Bourdon) 12 Pipes
38.	8' Gedeckt	(from Swell Organ) 32 Notes
39.	8' Tromba	(ext. Trombone) 12 Pipes
40.	16' Trombone	32 Pipes
41.	16' Bass Vicle	(Ch. Viola ext.) 12 Pipes
42.	4' Flute	(ext. Bourdon) 12 Pipes

COUPLERS

Swell to Great 16' - 8' - 4'
Choir to Great 16' - 8' - 4'
Great to Great 16' - 4' - Unison Off
Swell to Swell 16' - 4' - Unison Off
Swell to Choir 16' - 8' - 4'
Choir to Choir 16' - 4' - Unison Off
Sanctuary to Great - Sanctuary to Swell
(16' and 4' Main Couplers to affect Sanctuary)
Great to Pedal 8' - 4'
Swell to Pedal 8' - 4'
Choir to Pedal 8'
Sanctuary to Pedal 8'

COMBINATION PISTONS

Six Great and Pedal
Six Swell and Pedal
Six Choir and Pedal
Six General (Thumb and Foot)
Six Independent for Pedal Stops
Four Sanctuary Great and Pedal
Four Sanctuary Swell and Pedal
Cancellors to Great, Swell, Choir, Pedal,
Sanctuary Great, Swell, and Pedal
General Cancellor

ACCESSORIES

Swell Tremolo
Choir Tremolo
Sanctuary Tremolo
Great to Pedal Reversible
Swell Expression
Choir Expression
Sanctuary Expression
Crescendo with Indicator
Sforzando with Indicator
Alternator Sanctuary on Main off
Sanctuary on

REMARKS

One electric motor, blower, and generator of ample capacity, to meet all the needs of the organ, will be furnished by the Organ Builder.

All wires, fuses, and conduits for the proper connection of the motor with the power line; the generator wires, with conduits and fuses; the remote control switch with wiring, conduits, and fuses; and a proper foundation and housing for the motor, blower, and generator, will be furnished and installed by the Purchaser, who will also furnish and install the galvanized iron pipes from blower to organ reservoirs and conduits for organ cables.

All changes to the building necessary for the proper installation of the organ, motor, blower, generator, wiring, conduits, and galvanized iron pipes, to be made by the Purchaser, who shall also provide any openings in walls or floors, etc., so that the organ men will not be called upon to do any carpenter's, stone-mason's, electrician's or tinsmith's work.

Morel Specification

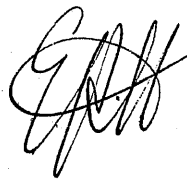
SANCTUARY ORGAN

GREAT ORGAN

1.	8' Open Diapason	73 Pipes
2.	8' Clarabella	73 Pipes
3.	8' Dulciana	73 Pipes
4.	4' Octave	73 Pipes

SWELL ORGAN

5.	8' Geigen Principal	73 Pipes
6.	8' Gedeckt	73 Pipes
7.	8' Vox Angelica	73 Pipes
8.	4' Flute Harmonique	73 Pipes
9.	8' Cornopean	73 Pipes



PEDAL ORGAN

10.	16' Bourdon	32 Pipes
11.	8' Flute	(Bourdon ext.) 12 Pipes

COUPLERS

Swell to Great 16' - 8' - 4'
Great to Great 16' - 4' - Unison Off
Swell to Swell 16' - 4' - Unison Off
Great to Pedal, Swell to Pedal

COMBINATION PISTONS

Four Great and Pedal
Four Swell and Pedal

ACCESSORIES

Swell Tremolo
Great to Pedal Reversible
Crescendo with Indicator
Swell Expression

REMARKS

One electric motor, blower, and generator of ample capacity, to meet all the needs of the organ, will be furnished by the Organ Builder.

All wires, fuses, and conduits for the proper connection of the motor with the power line; the generator wires, with conduits and fuses; the remote control switch with wiring, conduits, and fuses; and a proper foundation and housing for the motor, blower, and generator, will be furnished and installed by the Purchaser, who will also furnish the galvanized iron pipes from blower to organ reservoirs and conduits for organ cables.

All changes to the building necessary for the proper installation of the organ, motor, blower, generator, wiring, conduits, and galvanized iron pipes, to be made by the purchaser, who shall also provide any openings in walls, or floors, etc., so that the organ men will not be called upon to do any carpenter's, stone-mason's, electrician's, or tinsmith's work.

GEO. KILGEN & SON, INC.

ST. LOUIS, MO.

U. S. A.

NEW YORK

CHICAGO

DETROIT

LOS ANGELES

Details of Construction

of a

Kilgen Organ

CASE WORK:

If specification calls for case-work, then it is to be made of the best wood, properly finished in harmony with the other furniture of the auditorium, or finished to match sample submitted by the purchaser. A design will be submitted for approval.

DISPLAY PIPES:

If specification calls for display pipes and the organ is not entirely under expression, then as many display pipes as possible are to be speaking pipes, and made of the best annealed zinc with inserted lips; decorated in an artistic manner in gold bronzed lacquer, or in such colors as may be selected by the purchaser. However, if organ is entirely under expression, then the display pipes will all be non speaking, arranged artistically according to the design sent from factory and approved by the purchaser.

BUILDING FRAME:

The interior frame work of the organ is to be very substantially made and of sufficient strength permanently to sustain the weight of the parts resting upon it.

BELLOWS AND RESERVOIRS:

The bellows or reservoirs (individual ones for each chest) are to be made with ribs and folds, to be double leathered with three-ply corner leather and to have sufficient storing capacity to supply all legitimate demands of the organ.

WIND TRUNKS:

To have sufficient capacity to carry the greatest amount of wind that can be required, flexible or telescopic joints are to be used whenever there is a possibility of the wind chests transferring their weight to the wind trunks in the event of shrinking or settling of the floors.

INTERIOR FINISH:

All interior wood work of the organ is to be covered with the best orange shellac or hard oil finish, as the different purposes demand, to provide as far as possible against the injurious effects of atmospheric moisture.

PASSAGE-WAYS:

Are to be provided in the organ for tuning and regulating purposes if purchaser allows suitable room or builds organ chamber according to factory drawings.

WIND CHESTS:

The wind chests are to be "KILGEN'S" Universal Wind Chests with special bellows chamber, providing the only perfect supply of air in unvarying pressure to each organ pipe under all conditions of use.

DETAILS OF CONSTRUCTION (Cont'd)

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Each pipe will have its separate valve and motor. With this system it is possible to play rapid staccato chords on one manual and a slow melody movement on another manual without any variation of wind pressure affecting the melody movement. The chest valves are padded with the best quality of heavy felt and faced with 4X valve leather; and are of the oscillating or self-seating type, preventing any possible leakage or syphering, and will not be affected by the use of any other valve or motor.

EXPRESSION:

The swell action is to be instantaneous in response and noiseless, giving the most perfect expression control possible. The shutters are to be of sufficient thickness in proportion to the size of the instrument, constructed in several laminations, heavily padded with felt and fitted by hand. If the specification calls for swell boxes, they are to be of three-ply construction and sound proof.

ACTION:

The action throughout is to be "KILGEN'S" IMPROVED ELECTRO PNEUMATIC", developed and perfected in our own plant over a period of thirty years. Contacts are to be of the rubbing type and of the highest grade, pure silver being used wherever practical. The life of an organ is dependent on the life of its contacts; using these contacts as we do, with our high resistance magnet which favors them, their life is insured for a generation. This action is remarkably swift in response, very simple in construction, and very reliable in performance.

The coupler mechanism is such that it will not effect the touch of the keys, which is as light when playing full organ as when playing a single stop. The action is guaranteed to be capable of prompt and rapid repetition, and the mechanism will be free from complications.

"KILGEN" magnets, as all other parts of the organ, are made in our plant. With our long experience in building electro-pneumatic action organs, we have developed a magnet of the highest efficiency and durability, the greatest advantage being in the minimum amount of current consumed, so that even in our largest organs there is no danger of the amperage (volume of current) exceeding that prescribed by the fire underwriters. The base of these magnets is made of cold rolled brass, the most expensive to build, but the strongest and most durable obtainable, and there is no chance of our magnets being affected by atmospheric changes. They are machined down to the exactness of one-thousandth of an inch and with this standard accuracy, are interchangeable one with the other, either wholly or in parts. The armature gap is set permanently and rigidly so that no adjustment is ever necessary.

CONSOLE:

The "KILGEN CATHEDRAL CONSOLE" will be used. This type of console has long been heralded by organists as the most improved type, due to the fact that every part of the system of control is easily accessible to the organist sitting in a normal position at the bench. The console will be built with a very solide frame and designed in a most artistic and fitting manner.

DETAILS OF CONSTRUCTION (Cont'd)

-3-

The music rack is sufficiently large and placed in a position on the console so that the music can be easily read by the organist while seated in a normal position. It will be of the "SEMI-ENGLISH" type with stop keys arranged in their most logical order above the upper manual, and on the larger organs, also in side panels within easy reach of the organist.

Combination pistons are supplied, affecting their respective manuals and couplers. They are controlled by the "KILGEN PATENTED ELECTRO-MAGNETIC ACTION" with ball bearing setters, adjustable from stop-keys, moving stop-keys on and off. This famous patented mechanism is purely electric and will not require a supply of wind in the console with the ensuing noisy pneumatic motors. All principal parts are made of aluminum with joints and bearings accurately bushed. There is no possible wear, or flimsy mechanism in their construction, and no way for them to get out of order, nor will they be affected by dirt, dust or dampness. Their operation is silent, quick and positive. This action may be applied to the ordinary manual combinations, pedal combinations, cancellors, or special On and Off pistons.

WOOD PIPES:

To be made of the best kiln dried, thoroughly seasoned lumber, White Pine, California pine and special selected Sitka Vertical Grain spruce, with hard wood mouth pieces and caps. All pipes sized with glue on the inside and shellac on the outside. Patented metal toe feet are to be used on all the wood pipes with feet smaller than one inch in diameter and regulating and tuning slides are to be put on all larger open bases. On the stopped pipes, the stoppers are to be built up with separate pieces of wood glued together; the grain running with the pipe, so that the stopper and pipe will be affected in the same way by atmospheric changes. They are to be well fitted and bushed. All larger stoppers packed with compressed recessed cork.

METAL PIPES:

The metal pipes are made in our own factory and cast from basic metal. The metals are mixed in such proportions as to afford the best timbre for each particular stop.

Our special alloy called "Frosted Tin" containing 90% pure tin is used in the construction of our small scaled orchestral strings.

We have a special mixture perfected for our Diapasons, the scales and weights of which are nowhere equaled. We cast this metal in extra heavy sheets, so that our Diapasons produce ample power and volume without the screechy effect which is always prevalent whenever a saving of metal is made paramount rather than tone. The bases and display pipes are to be made of the best annealed zinc of ample thickness, with inserted soft metal mouths and toes, and tuners for voicing and tuning.

REEDS:

The famous Kilgen Reeds are fashioned entirely from the raw materials to the finished pipe, within the Kilgen plant. Exceptional care and attention to detail is used in their manufacture, special materials being selected to secure the most artistic tone quality for any given stop. Special metal alloys made from secret formulas are used in casting the metal for the resonators of certain Reeds.

DETAILS OF CONSTRUCTION (Cont'd)

-4-

Others have annealed zinc resonators, while still others such as the renowned "KILGEN LITURGICAL TRUMPET" have their resonators made of brass. Where zinc resonators are used, at least one fourth of such resonators are made of cast metal instead of merely inserting a small piece of soft metal for slotting; this greatly increases the cost but produces the solidity of tone for which KILGEN Reeds are so well known.

PIPE SCALES:

The scales of all pipes are to be in conformity with the size of the organ and selected with the view of securing the most artistic results possible. No pipes are made in stock in the Kilgen factory; instead, all pipes are made and the scales selected only after a detailed survey of the particular auditorium in which the organ is to be placed. Kilgen scales are far larger than found in common use.

VOICING:

The Voicing Staff of the Kilgen Organ Company is composed of internationally famous artists. In order to obtain the most artistic results, special groups are employed to voice each of the major qualities of tone, - a separate group on the strings, a separate group on the Reeds, etc., so that the utmost in contrast may be obtained and that the instrument may embody a distinctive color of tone not usually found. Each stop is given its distinctive quality and quantity of tone. Delicacy, refinement and artistic balance will be found in the softer and intermediate stops. Dignity, power and sonority, without harshness, characterize the foundation stops. The full organ will be balanced into a grand ensemble, perfectly adapted for its specific purpose.

Every possible facility is given to the voicers in order that they may obtain the most artistic results. A special study of the building will be made, taking into consideration such items as the acoustics, hard or soft plaster, cushioned seats, and the general contour of the building. Scientifically constructed voicing machines are at the Voicers' disposal, and also the results and records of vast researches carried on over a period of more than hundred years.

Exceptional care is given to Mutation Stops, the most important of which is the Ripieno, used in the larger organs. They will be so voiced to form a perfect blend in the instrument as a whole.

SUMMARY:

For over two hundred years it has been traditional with the Kilgen Organ Company to build the most artistic organ possible. This is the ideal that actuates the operations of the personnel of the organization.

Years of achievement stand behind the Kilgen organization, and their heritage today is the perfected, artistic Kilgen Organ, known the world over as the highest expression of the Pipe Organ builders' art.

GEO. KILGEN & SON, INC.,

ST. LOUIS, MO.

U. S. A.

GEO. KILGEN & SON, INC.

St. Louis, Missouri

ORGAN CONTRACT

THIS AGREEMENT, made and entered into in the City of St. Louis, Missouri, this 12th day of April, 1934, by and between GEO. KILGEN & SON, INC., of St. Louis, Missouri, Organ Builders, hereinafter called the party of the first part, and ST. AGNES CHURCH (PASSIONIST FATHERS), Aloysius Dowling, C. P. Pastor, 1924 Newburg Road, Louisville, Kentucky, hereinafter referred to as party of the second part, whereby the parties hereunto, in consideration of the mutual covenants and conditions hereinafter set forth, do promise and agree as follows:

1. The party of the first part will build and install in premises of St. Agnes Church as above noted a pipe organ, according to specifications attached to and made part of this agreement marked "Special for St. Agnes Church by D'Avignon Morel" within three (3) months after the party of the first part, at its home office in St. Louis, Missouri, has received in writing information pertaining to the electric service used in the building, and after the Organ Factory's drawings have been O.K.'d by party of the second part (and subject also to the condition that no change be made in the specifications after the execution of this contract), or as soon thereafter as conditions will permit; provided, however, that the time shall not be considered the essence of this contract, but the installation shall be completed before September 15, 1934, except that any delays beyond the control of the party of the first part shall not be considered a breach thereof.

2. That said building is now suitable for the installation of said organ and appurtenances, but should any alterations be made in said building by second party prior to the installation of

said organ, second party will immediately notify first party in writing of such proposed changes and in such event second party will at its cost provide sufficient space for such installation and will notify first party in writing when such space is in suitable condition, and the time elapsed between said notifications will be added to the time when such installation shall be completed.

3. Party of the second part further agrees that they will give the party of the first part undisturbed possession of the building for a period of ten (10) days next previous to the completion of said organ, for the purpose of tone, regulation and tuning. By a period of ten (10) days is meant ten (10) working days, and it is hereby mutually agreed that this period may be interrupted by the party of the second part according to the needs of said party of the second part for the use of the building.

4. Party of the second part shall receive such pipe organ installed in the church and pay to party of the first part the sum of Fourteen Thousand, Five Hundred (\$14,500) Dollars and old Reed Organ.

\$1450.00 in cash on the execution of this contract
by party of the second part
\$13050.00 in cash on installation of said organ ready
to play, on acceptance and approval.

As soon as the purchase price of Fourteen Thousand, Five Hundred (\$14,500) Dollars is paid in full, the pipe organ will become the exclusive property of the party of the second part.

5. Freight, drayage and hoisting to be paid in cash by party of the first part, and party of the first part shall also furnish necessary labor for hoisting and lifting heavy parts of the organ into position where same is necessary. It is mutually agreed that responsibility for any damage done to the pipe organ by the labor furnished by the party of the first part will be assumed by the party of the first part.

6. The party of the first part shall not be called upon to do any tinner, carpenter, electrician or mason work when erecting said organ, and party of the second part further agrees to furnish heat, light and electric power to supply the wind for the use of the workmen in erecting and tuning said organ.

7. It is further agreed that in the event of the failure of the party of the second part to pay the said purchase price or any part thereof, as herein provided, when the same shall become due and payable, then the party of the first part may enter into the premises and into the house and buildings occupied by the party of the second part, or other premises or place or places where the said property is or may be located, and take possession of and remove such property therefrom, with or without legal process, and in such case it is expressly agreed that such party of the first part may retain all moneys previously paid, as and for compensation for the use of such property by such party of the second part.

8. The party of the first part undertakes to replace or repair any parts of the instrument that may fail through defective workmanship or material for a period of ten (10) years from date of installation free of charge, and for twenty (20) years thereafter, providing party of the second part pays the cost of labor, material, transportation, hotel and meals; provided, however, that no repair work has been done on said organ without the written consent of the party of the first part; this guarantee does not include or refer to tuning or regulating.

9. The full and entire responsibility for the installation of said organ shall rest on first party, which shall carry Workmen's Compensation Insurance, and first party is to be responsible for any damage it may do to the organ or to the church, or to any property in or belonging to the church, until said organ is accepted, and in event of such damage the amount thereof when determined may be deducted by second party from the purchase price.

10. Notice is hereby given that no oral agreement contrary to any of the terms and conditions of the foregoing has been made, and that none other than the duly authorized officers of the party of the first part may vary the terms of this agreement.

11. This contract is not binding upon the parties of the first part until executed by its President, Vice President or Treasurer, at its home office in St. Louis, Missouri, and attested by the Secretary of said Company under its official seal.

However, this contract shall be binding upon the party of the second part from and after the date of its execution by the party of the second part, unless the party of the first part refuses to accept said contract within a period of twelve (12) days from the execution thereof by the party of the second part.

12. IN WITNESS WHEREOF, we have hereunto set our hands and seals this day and year first above written.

Signature of Purchaser:

St. Agnes Church (Passionist Fathers)

By

R. Dooling
Pastor

GEO. KILGEN & SON, INC.

By

Chas. P. Kilgen
Pres. Vicepres. Treas.
Party of the first part

August P. Kilgen
Supt. Secretary
Harry Albright
Salesman