

DETAILED DESCRIPTION of the CONSTRUCTION OF M. P. MOLLER PIPE ORGANS

CASING:-The Console Casing, or organ casing, if it is included in this contract, is made of the best grade of , wood, properly finished after samples to be approved by purchaser. Case designs are to be in harmony with the architecture of the building and in accordance with drawings to be submitted by the party of the First part and approved by party of the Second part.

FRONT PIPES:- When Front Pipes are included in the contract they are to be made of the best annealed zinc, with inserted lips and may be made of burnished zinc or finished in gold bronze, or such other colors as may be selected by the purchaser.

BUILDING FRAMES:-All Organ Frame-work is to be of first-class lumber, sufficiently strong to sustain the weight of the various parts that rest upon it, with an additional safety margin of fifty per cent.

WIND TRUNKS:-Wind Trunks are to be made of the best materials, of sufficient size to supply copious amount of wind to the various chests. Flexible or telescopic joints are to be provided wherever there is a possibility of wind chests transferring their weight to trunks in the events of shrinking or settling of floor.

AIR RESERVOIRS:-Separate Air Reservoirs with automatic regulating valves to be provided for each wind chest. These are to be of ample capacity, made of the best material, the folds of the best grade white sheepskin with corners triple leathered.

PASSAGE WAYS:-Passage ways are to be provided throughout the organ for tuning and regulating.

ACTION:-M. P. MOLLER'S Patent Electro-Pneumatic action is to be used in this instrument. The materials throughout are to be of the best, all contacts to be made of Phosphor Bronze or Pure Silver, as experience has proven to be the best for the different electrical requirements in this organ. Coupler Contacts in the keyboard are so designed that they will not effect the touch of the keys. All wire to be of the best grade, properly insulated, and all electrical connections between console and organ are to be specially built cables, asbestos treated, approved by Fire Underwriters. All electrical connections to be soldered.

KEYBOARDS:-Manual and Pedal Keyboards are to be of standard scales. The Manual keys are to be of the overhanging type and are to be covered with the best grade Ivory for white keys and genuine Ebony sharps. The Pedal keys are to be topped with white wood for naturals and ebony for sharps.

WIND CHESTS:-Wind Chests are to be built of the best grade of lumber, with well proportioned wind ways and ample speaking room for pipes. A separate valve is to be provided for each pipe, and all pouches are to be made of the best bark tanned lamb skin. All pallets controlling air to the pipes are to be built up of the best grade of wool felt and alum tanned sheep skins, reinforced by fiber. All valves in M. P. MOLLER Organs are readily removable.

ELECTRIC MAGNETS:-Electric Magnets are to be of the latest improved design, known as "outside magnets", all armatures removable and adjustable with wind on.

PIPES:-Special attention is to be given to the scaling and construction of all pipes, so that they best conform to the size of the organ and the individual purpose. Metal pipes from Tenor F, 8 ft., Open Diapason length down, are to be made of the best quality annealed zinc; all of any shorter length to be made of alloys of pure tin and lead in such proportions as required to produce the best quality of tone in each stop. Wood pipes are to be made of the best grade thoroughly seasoned and kiln dried lumber, with hard wood mouth and caps, all wood pipes to be glue sized on the inside and given at least two coats of shellac on the outside.

VOICING:-As we manufacture and voice all pipes used in M. P. MOLLER Organs, we are in position to insure the most artistic and beautiful tone. All pipes must be prompt in speech and free from imperfections. The final tone regulation of the organ to be accomplished in the building in which it is used, so that the tonal ensemble may be the best for the particular location and use.

INTERIOR FINISH:-All the interior wood work of the organ is to be covered with at least two coats of the best orange shellac or hard oil finish as the different purposes may demand to provide as far as possible against evil results from atmospheric moisture.

IN FINE:-The organ is guaranteed to be the highest grade in every detail of material, workmanship and tone.

SPECIFICATIONS
of
TWO MANUAL PIPE ORGAN
for
GRACE REFORMED CHURCH, HANOVER, PENNSYLVANIA

MANUALS: - Compass CC to C, 61 Notes

PEDALS : - Compass CCC to G, 32 Notes

ACTION: - Moller's Electro-pneumatic throughout
No case or fronts

GREAT ORGAN

Open Diapason 8' 73 Pipes
Melodia 8' 73 Pipes
Gemshorn 8' 73 Pipes
Flute From Melodia 4' 61 Notes
Octave Gemshorn From Gemshorn 4' 61 Notes
Tremolo

SWELL ORGAN

Lieblich Gedeckt 16' 12 Pipes
8' 73 Pipes
81 61 Pipes
8' 73 Pipes
4' 61 Notes
41 12 Pipes
2-2/3' 61 Notes
21 61 Notes
8' 73 Pipes
Ext. Gedeckt
Viola
Viola Celeste
Gedeckt
Octave Viola From Viola
Flute d'Amour Ext. Gedeckt
Nazard from Gedeckt
Flautina from Gedeckt
Muted Trumpet
Tremolo

PEDAL ORGAN

Bourdon .32 Pipes
Lieblich Gedeckt (Swell) 16' 32 Notes
Flute F..xt.Bourdon 12 Pipes (Swell)
Gedeckt 8' 32 Notes

COUPLERS

Swell 16'
Swell 8' (Unison)
Swell 4'

Great 16'
Great 8' (Unison)
Great 4'

Swell to Great 16'
Swell to Great 8'
Swell to Great 4'

Great to Pedal 8'
Great to Pedal 4'
Swell to Pedal 8'
Swell to Pedal 4'

ADJUSTABLE COMBINATIONS

Four Pistons to control Great stops
Four Pistons to control Swell stops
Four Pistons to control Pedal Stops
Four Pistons to control Entire Organ

ACCESSORIES

Balanced Great Expression Pedal
Balanced Swell Expression Pedal
Balanced Crescendo Pedal
Sforzando Pedal and Piston
Great to Pedal (Rev.)
General Cancel Piston
Motor blower and action current generator of ample capacity

EOS:T
7/3/40