

# M. P. MÖLLER Organ Factory

Pipe Organ No. 7040 Date July 29, 1941  
 For CALVARY PRESBYTERIAN CHURCH, WYNCOTE, PENNSYLVANIA  
 Action Electric Console Detached-All Electric  
 Casing No. Case, Grille and Paneling Finish \_\_\_\_\_  
 Decorations \_\_\_\_\_ Motor Electric  
 Width of Key-bed \_\_\_\_\_ Stop Controls Draw Knobs  
 No. Manuals 2 Wind Pressure Gr. & Ped. 3 1/2" - Sw. 5"  
 To be Completed October 26, 1941 Blower Pipe furnished by Moller

A-440

## SPECIFICATIONS

### 2 1/4 GREAT ORGAN

1	8'	Open Diapason.....40-56.....12	Zinc S.M.....73	Pipes
2	8'	Dulciana.....52.....12	Zinc S.M.....73	"
3	8'	Claribel Flute.....Reg. Wood - Open Bass.....73		"
4	8'	Unda Maris.....52-2/3.....12	Zinc S.M.....73	"
5	4'	Octave.....57.....S.M.....73		"
6	II Rks.	Mixturo.....2-A.....S.M.....146		"
7		Chimes.....Doagan D...A to F...#22 to #42.....21	Bells	
8		Tremolo		

### SWELL ORGAN

9	16'	Rohr Bourdon, T.C.....R.M.B.Sc.1-12,Reg.Rohr Flt.	13 up.61	Pipes
10	8'	Stopped Diapason.....Reg. Wood.....73		"
11	8'	Salicional.....60 Sc.....12	Zinc S.M.....73	"
12	8'	String Celeste.....60 Sc.....12	Zinc S.M.....73	"
13	4'	Flute Triangular.....Reg. Wood.....73		"
14	8'	Trumpet.....4" Small Graduation.....73		"
15		Tremolo		

### PEDAL ORGAN

16	16'	Open Diapason.....32-40 Grad. Sc. 20 from #1...12	Pipes
17	16'	Bourdon.....L.B.Sc.....44	"
18	8'	Diapason Octave.....From #1.....32	Notes
19	8'	Flute.....From #17.....32	"
20	4'	Super Octave.....From #1.....32	"
21		Chimes.....From #7...#10.to.30.....21	"

### COUPLERS

22		Great to Great 16'	28	Great to Pedal 8'
23		Great to Great 8'	29	Great to Pedal 4'
24		Great to Great 4'	30	Swell to Pedal 8'
25		Swell to Great 16'	31	Swell to Pedal 4'
26		Swell to Great 8'	32	Swell to Swell 16'
27		Swell to Great 4'	33	Swell to Swell 8'
			34	Swell to Swell 4'

### ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5	Affecting Great Organ and intra-manual couplers
Pistons No. 1-2-3-4-5	Affecting Swell Organ and intra-manual couplers
Pistons No. 1-2-3-4-5	Affecting Pedal Organ and intra-manual couplers
Pistons No. 1-2-3-4-5	Affecting Full Organ

General Cancel

### PEDAL MOVEMENTS

Pedal stud for Great to Pedal Reversible  
 Pedal stud for Sforzando (Operating stop knob)  
 Balanced expression pedal for Great  
 Balanced expression pedal for Swell  
 Balanced Crescendo Pedal  
 Expression Indicators  
 Crescendo Indicator  
 Full length music rack with light  
 Organ bench with shelf

Voltmeter

CONSOLE

The console shall be built to the standard rules of the A. G. O. Built of solid wood with roll top and finished to match furnishings of building. The two keyboards shall be placed in such a manner as to give access to all regulators and contacts. The natural keys shall be finished with #1 white ivory and the sharps shall be of ebony. All electric.

KEY-CONTACTS

All Key contact to be of coin silver.

PEDAL KEYBOARD

The pedal keyboard shall be removable from the console. The natural keys shall be topped by hard maple and the sharps by ebony. An all electric relay shall be furnished for the pedal also.

STOP CONTROLS

Shall be Draw-knob or tilting tablets.

BLOWER AND GENERATOR

The Blower shall be of all metal construction with a standard trust-bearing on each end.

The Generator to be of standard make - ample capacity and shall be connected by flexible coupling direct to shaft on rear end of blower.

A pressure regulator shall be placed in blower-room. The purchaser will furnish all 110 and 220 A.C. volt lines.

WIND CHEST ACTIONS

All action must be reliable and quick on repetition. The wind chest shall be of the Pitman type except for the units and offsets. Only the best of lumber, white or sugar pine properly seasoned and dried shall be used throughout for chests, actions, and regulators. Inside of chests shall be properly glue sized all borings and channels shall be properly soaked with shellac or varnish. There shall be bridges on bottom of chest for all separations of bottom boards. The bottom board shall be fastened with machine screws and studs in chests. All outsides of chests, actions and wind regulators shall be finished with several coats of shellac.

POUCH BOARDS

There shall be a valve for each pipe. All pouches to be of #1 lamb skin, and the valves to be wool-felt topped by alum tanned sheep-skin and reinforced by fiber.

PALLET BOXES

Pallet boxes shall be built directly to chest in such a way that the primary and secondary valves shall be detachable in case of repair, in sections. No tubing of any kind will be permitted. All offsets, as well as units shall have their own magnets.

MAGNETS

Magnets shall be approved by purchaser or shall be Reisor's type magnet #31.



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### BLOWER PIPE

All metal blower pipe and wind conductors to be furnished and installed by builder.

### WIND REGULATORS

All wind regulators shall be of ample size for each division, leathered inside and out with A#1 grade alum tanned sheep skin, have proper valves to furnish a steady wind pressure at all times, to be silent and reliable in working. All springs and weights shall be rigidly mounted.

### WIND TRUNKS

Galvanized wind trunks shall be used wherever permissable. Where wind trunks are used they shall be of white or sugar pine, glue sized, inside, shellaced outside.

### SWELL BOXES

The bidder shall furnish the boxes to hold division.

### SWELL EXPRESSION

There shall be no less than 25 contacts on the Great expression shoe and 15 on the Swell expression shoe. Expression shutters shall be laminated and not less than 2" thick, graduated in size for the first six openings, shall have double beveled edge, one side to be felted, with adjustable bottom bearings and have an alomite fitting to each bearing.

### FRAME WORK

The frame work shall be rigid and strongly built.

### PASSAGEWAYS

Passageways shall be furnished for entire organ to provide access for tuning and regulating.

### MATERIAL FOR PIPE WORK

METAL PIPES - No Antimony or "hoyst metal" shall be used under any consideration. Cast spotted metal 55% straight tin - 45% refined lead.

Sliding tuners, shall be furnished with all metal pipes. All pipes larger than 3" shall have bolted sliding tuners.

WOOD PIPES - All wood pipes shall be made of grade A#1 wood, the kind desirable for each stop, to be glue sized inside and shellaced on the outside. The bidder shall guarantee all wood pipes to be free of all defects and shall replace any pipe or pipes that split within ten years.

REED PIPES - No leathered oschalots shall be used. A#1 weights to be fastened by screws. Only metal wedges shall be permissable.

### SCALES

All scales will have to be approved by the designer before actual construction of pipes begin.

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WIND PRESSURE

The GREAT shall be of  $3\frac{1}{2}$ " pressure.

SWELL and PEDAL to be 5" pressure.

WIRING

All wiring done by bidder to be approved by Fire Underwriter.

CASE WORK

A suitable casework shall be furnished for around the organ as well as for back wall under window between Great and Swell chambers. The design to be Gothic panel and screen. The design shall be approved by the church.

INSTALLATION

The builder will install the organ in such a way as not to interfere with any services to be held in the building. Workman will refrain from smoking and making un-necessary noises in the building at all times. The builder to be responsible for all damages done by his employees to ground or buildings of purchaser.

The bidder shall guarantee the organ from defects in material and workmanship for a period of ten years.

WRD:WD

8/6/41