

M. P. MÖLLER Organ Factory

3/26

Pipe Organ No. R-612 Date October 25, 1957
 For FIRST REFORMED CHURCH, READING, PA.
 Action Electro-Pneumatic Console Detached - RSO
 Casing No. Present Finish To Customer's Selection
 Decorations Present Motor New Motor, Blower & DC Power Unit
 Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
 No. Manuals Three & Pedal Wind Pressure See Below
 To be Completed September 1, 1958 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING PRESENT MÖLLER ORGAN OPUS 2718 - 1919

43245

CONSOLE

Install new three manual electro-pneumatic detached draw knob console, pedal keyboard and organ bench.

MANUAL CHEST

Releather 1358 manual pipe pouches.
 Releather four 73 note primary stations and install outside type magnets.
 Install 1743 new stop action checks and eyelets.
 Install 502 new duplex shifters.
 Releather 27 stop action controls and install new outside type magnets.
 Install new action for the following -

Great	8	Bourdon	73 pipes
Great	4	Octave	73 pipes
Great	III	Mixture	183 pipes

OFFSET CHESTS

Releather Great 16 Open Diapason action #1-#24 and install new outside type magnets.
 Releather Great 8 Open Diapason action and install new outside type magnets.

CONTACT BOX

Install new 61 note contact box for Great Organ.
 Install new 61 note contact box for Swell Organ.
 Install new 61 note contact box for Choir Organ.

SWITCHES

Install the following new switches with stop actions -

Great	16	Open Diapason	56 notes
Great	8	Open Diapason	12 notes
Great		Chimes	21 notes
Great Station		"A" cutout	73 notes
Great Station		"B" cutout	73 notes
Great Station		"C" cutout	73 notes
Swell	16	Lieblighgedeckt	32 notes
Swell	8	Vox Humana	61 notes
Swell Station		"A" cutout	73 notes
Swell Station		"B" cutout	73 notes
Choir	8	Viola da Gamba	32 notes
Choir		Harp	49 notes
Choir		Chimes	21 notes

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CHIMES Install new 21 note relay for present all electric chime action.

HARP Install new 49 note electro-pneumatic action with related parts using present bars.

PEDAL Releather 16 Bourdon action #1-#44 and install new outside type magnets.
 Install new 16 Bourdon pipes and action #45 - #56.
 Install new 32 note primary for 16 Open Diapason #25 - #56.
 Install new 32 note primary for 16 Lieblichgedeckt.
 Install new 32 note primary for 8 Violoncello.
 Install new 32 note pedal relay with six 32 note switches.

EXPRESSION Releather 11 note expression action for Great Organ and install new outside type magnets.
 Releather 8 note expression action for Swell Organ and install new outside type magnets.
 Recover 19 shade and bumper pneumatics.
 Install 19 new sets of shade jacks with connecting rods.

RESERVOIRS Install new 3'-6" x 3'-6" Blower reservoir with springs and rails.
 Recover the following reservoirs -

One	14" x 16"	Harp reservoir
Two	3'-0" x 5'-0"	Manual reservoirs
One	2'-0" x 4'-0"	Manual reservoir
One	1'-6" x 2'-6"	Pedal reservoir

TREMOLO Install ^{Two} ~~new~~ new electro-pneumatic tremolos.

PIPES Install tuning slide on the following pipes -

Great	16	Double Open Diapason	13-24	12 tuners
Great	8	Open Diapason	1-12	12 tuners
Great	8	Dulciana	1-12	12 tuners
Swell	8	Viole d'Orchestre	1-12	12 tuners
Swell	8	Aeoline	1-12	12 tuners
Choir	8	Viola da Gamba	1-12	12 tuners

Revoice the following reed stops and supply new pipes as noted:

Great	8	Bourdon	73 pipes (new)
Great	4	Octave	73 pipes (new)
Great	III	Mixture	183 pipes (new)
Swell	8	Trompette	73 pipes (new)
Swell	8	Oboe	85 pipes (revoice)
Swell	8	Vox Humana	61 pipes (revoice)
Swell	4	Clarion	73 pipes (new)
Choir	2-2/3	Nazard	61 pipes (new)
Choir	2	Blockflöte	61 pipes (new)
Choir	8	Clarinet	73 pipes (revoice)

CABLES Install new asbestos covered cables between console and organ.

BLOWER Supply new 5 HP Kinetic Blower Style 3-P-3328.

ACTION CURRENT Install new 10-15 volt 30 ampere organ power unit with automatic air-operated mercury switch.

GENERAL The entire organ except labial pipe to be returned to the factory at Hagerstown, Md. for rebuilding as specified above.

SPECIFICATIONS
FOR
CONSOLE & ORGAN

MANUAL COMPASS CC to C4, 61 notes
PEDAL COMPASS CCC to G, 32 notes
WIND PRESSURE 3-1/2"
PITCH A-440 @ 70°F

GREAT ORGAN 7

(Stops 1, 2, 3, 6 & 8 Unenclosed)

1	16	Double Open Diapason...	present pipes, present action.....	73 Pipes
2	8	Open Diapason.....	12... present pipes, present action <i>58 new pipes</i>	73 Pipes
3	8	Bourdon.....	new pipes, new action.....	73 Pipes
4	8	Melodia.....	from #25.....	73 Notes
5	8	Dulciana.....	from #27.....	73 Notes
6	4	Octave.....	new pipes, new action.....	73 Pipes
7	4	Flute D'Amour.....	from #28.....	73 Notes
8	III	Mixture.....	new pipes, new action.....	183 Pipes
9		Chimes.....	from #33.....	21 Notes
10		Tremolo		
		Open Diapason .. 8' 73	1-17 present Ten 57 17-1/2 1/4 SM 3 1/2	
			18-up new Mid C 68	

SWELL ORGAN "

11	16	Bourdon.....	present pipes, present action.....	73 Pipes
12	8	Stopped Diapason.....	present pipes, present action.....	73 Pipes
13	8	Viole d'Orchestre.....	present pipes, present action.....	73 Pipes
14	8	Viole Celeste TC.....	present pipes, present action.....	61 Pipes
15	8	Aeoline.....	present pipes, present action.....	73 Pipes
16	4	Octave.....	present Open Diapason pipes & action.....	73 Pipes
17	4	Flute Harmonic.....	present pipes, present action.....	73 Pipes
18	2	Piccolo.....	from #17.....	61 Notes
19	16	Contra Fagotto TC.....	from #21.....	61 Notes
20	8	Trompette....	new pipes, present Cornopean action.....	73 Pipes
21	8	Oboe.....	present pipes, present action.....	73 Pipes
22	8	Vox Humana.....	present pipes, present action.....	5.5.8... 61 Pipes
23	4	Clarion.....	new pipes, present French Horn action.....	73 Pipes
24		Tremolo		
24a		Harp	present bars, new action.....	49 bars

CHOIR ORGAN 7

25	8	Melodia.....	present pipes, present action.....	73 Pipes
26	8	Viola da Gamba.....	present pipes, present action.....	73 Pipes
27	8	Dulciana.....	present pipes, present action.....	73 Pipes
28	4	Flute D'Amour.....	present pipes, present action.....	73 Pipes
29	2-2/3	Nazard.....	new pipes, present Doppel Flute action.....	61 Pipes
30	2	Blockflöte.....	new pipes, present Tuba action.....	61 Pipes
31	8	Clarinet.....	present pipes, present action.....	73 Pipes
32		Harp.....	present bars, new action.....	49 Bars
33		Chimes.....	present tubes, new action A to F #22 to #42.....	21 Tubes
34		Tremolo	<i>present electric actions + new relays</i>	

PEDAL ORGAN * 1

35	32	Resultant.....	from #36 & #37.....	32 Notes
36	16	Open Diapason.....	from #1.....	32 Notes
37	16	Bourdon.....		56 Pipes
38	16	Lieblich Gedeckt.....	from #11.....	32 Notes
39	8	Octave.....	from #1.....	32 Notes
40	8	Bourdon.....	from #37.....	32 Notes
41	8	Violoncello.....	from #26.....	32 Notes
42	4	Super Octave.....	from #1.....	32 Notes
43	4	Bourdon.....	from #27-37.....	32 Notes

(*) Playable thru new relay and switches

COUPLERS

44	Great to Pedal	56	Great 16
45	Great to Pedal 4	57	Great Unison Off
46	Swell to Pedal	58	Great 4
47	Swell to Pedal 4	59	Swell 16
48	Choir to Pedal	60	Swell Unison Off
49	Choir to Pedal 4	61	Swell 4
50	Swell to Great 16	62	Swell to Choir 16
51	Swell to Great	63	Swell to Choir
52	Swell to Great 4	64	Swell to Choir 4
53	Choir to Great 16	65	Choir 16
54	Choir to Great	66	Choir Unison Off
55	Choir to Great 4	67	Choir 4

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6	Affecting Great Stops
Pistons No. 1-2-3-4-5-6	Affecting Swell Stops
Pistons No. 1-2-3-4-5-6	Affecting Choir Stops
Pistons No. 1-2-3-4-5-6	Affecting Pedal Stops
Pistons No. 1-2-3-4-5-6	Generals, affecting full organ (duplicated by toe studs.
General Cancel Piston	

PEDAL MOVEMENTS

- 1 - Great to Pedal Reversible (duplicated by manual piston)
- 2 - Swell to Pedal Reversible (duplicated by manual piston)
- 3 - Choir to Pedal Reversible (duplicated by manual piston)
- 4 - Balanced Expression Pedal for Great-Choir Organ (12 contacts - regular system)
- 5 - Balanced Expression Pedal for Swell Organ (12 contacts - regular system)
- 6 - Balanced Crescendo Pedal with indicator light (green jewel)
- 7 - Sforzando Reversible (duplicated by manual piston) with indicator light (red jewel)

ACCESSORIES

Concave and radiating pedal keyboard
Organ bench with music shelf and backrest
Music rack

New motor, blower & DC power unit of ample capacity.

Install present fluorescent light on music rack

11/5/57
HDO/mb