

# M. P. MÖLLER Organ Factory

3-47

Pipe Organ No.	R-173	Date	April 29, 1986
For	ALLISON UNITED METHODIST CHURCH, CARLISLE, PENNSYLVANIA		
Action	Electro-Pneumatic	Console	Present - Detached
Casing No.	Present Grilles	Finish	No change
Decorations	None	Motor	Present - Main 10 H.P. Style 4-P-3 Present Antiphonal 1½ HP. Style 3-P-2724
Width of Key-bed	Standard	Stop Controls	Draw Knobs & Tilting Tabl
No. Manuals	THREE and PEDAL (English Keys)	Wind Pressure	See Scale Sheets
To be Completed	September 19, 1986	Blower Pipe furnished by	Present

## SPECIFICATIONS

FOR

REBUILDING, CHANGING TONALLY AND ADDING TO

PRESENT MÖLLER ORGAN OPUS 9122 - 1957 37315

### CONSOLE

Reuse present console, rebuilding as follows:

Install new draw knobs as required for additions or pipe changes only.  
 Replace piston buttons and springs.  
 Recover all switch and coupler pneumatics.  
 Recover all combination pneumatics.  
 Recover all primaries and install new magnet armatures.  
 Recover reversibles.  
 Replace crescendo and expression pads and edging  
 Install new burrs and felt washers.  
 Refelt action as required.  
 Refelt pedal keyboard and install new insulating tips.  
 Recover console reservoir.  
 Recover console roll top.  
 Clean and polish cabinet, bench and pedal keyboard.  
 Block off Great Antiphonal expression pedal.

### PITMAN CHESTS

Recover all manual pipe pouches.  
 Recover all primaries and install new magnet armatures.  
 Replace stop action checks and eyelets.  
 Replace duplex shifters.  
 Rework and/or install new toeboard/rackboard assemblies as required for tonal changes.  
 Install new actions as required for additions.

### OFFSET UNITS

#### & PEDAL CHESTS

Recover all pipe pouches.  
 Recover all primaries and install new magnet armatures.  
 Install new actions as required for additions.

## SWITCHES

Recover all present electro-pneumatic switches and primaries for Great and Swell organs.  
Recover all present electro-pneumatic switches and primaries for pedal relay.  
Install new electro-pneumatic switches with diodes as required.

## EXPRESSION

Recover all shade motor primaries and install new magnet armatures.  
Recover all shade pneumatics.  
Install new shade jacks and connecting rods.  
Refelt shades.  
Delete all Antiphonal Great Organ shades and shade motor.

## RESERVOIRS

Recover the following reservoirs and install new curtain valves:  
(delete one valve in each two valve reservoir)

One	3'-6" x 5'-0"	manual
One	2'-6" x 6'-0"	manual
One	3'-0" x 4'-0"	manual
Two	2'-6" x 4'-0"	manual
Two	1'-6" x 2'-6"	offset
Five	1'-6" x 2'-0"	offset
Three	expression	
One	4'-0" x 4'-0"	blower
One	2'-6" x 2'-6"	blower

## TREMOLOS

Install new Tremolos thruout.

## PIPES

Install new pipes indicated by organ specifications.  
Revoice all pipes being reused.  
Repack all wood pipe stoppers.  
Install tuner slides as required.

## CABLES

Reuse present organ cables and DC wires thruout.

## ACTION CURRENT

Install new 10-15 Volts, 50 Amperes DC organ power unit with air switch.

## BLOWER

Reuse present motors and blowers without change.  
Install new flexible blower-motor coupling leathers.  
Install new 10" and 16" diameter flexible wind conductor connections with draw bands.

## GENERAL

Parts specified to be rebuilt to be returned to the factory of M. P. Moller, Inc., Hagerstown, Maryland.

All parts from present organ not required to complete this contract are to be removed by and become the property of M. P. Moller, Inc.

SPECIFICATIONS  
FOR  
ORGAN AND CONSOLE

MANUAL COMPASS	CC to C4, 61 notes
PEDAL COMPASS	CCC to G, 32 notes
WIND PRESSURE	See Scale Sheets
PITCH	A-440 @ 70°F

CHANCEL GREAT ORGAN (Unenclosed) 11

1	16	Quintaton.....present pipes and action.....61 pipes
2	8	Principal.....present 8 Diapason pipes and action.....61 pipes
3	8	Spitzflöte.....present pipes and action.....61 pipes
4	4	Octave .....present pipes and action.....61 pipes
5	2-2/3	Quint .....present pipes and action.....61 pipes
6	2	Super Octave.....present pipes and action.....61 pipes
7	III-IV	Mixture ....Formula "A"....present III Rks. Fourniture pipes and action, 42 new pipes .....208 pipes
8	8	Trompete .....new pipes and action .....61 pipes
* 9		Chimes....new Mayland bells and electric action, relay, transformer and volume control, A to F, #22-42....21 bells
10		Carillonic Bells....present switch in console, G to G, #20-44 .....25 notes
11		Tremolo

(\*) Volume control to serve as stop control

CHANCEL SWELL ORGAN (Enclosed) 13

12	8	Rohrflöte.....present pipes and action.....61 pipes
13	8	Viole de Gamba....present pipes and action.....61 pipes
14	8	Viole Celeste TC..present pipes and action.....49 pipes
15	4	Principal.....present pipes and action.....61 pipes
16	4	Flute Triangulaire....present pipes and action.....61 pipes
17	2	Blockflöte ....present Choir 2' Blockflöte pipes #1 to 49, 12 new pipes, new action.....61 pipes
18	III-IV	Scharf....Formula "B"....present III Rks. Plein Jeu pipes and action, 49 new pipes.....208 pipes
19	16	Bassoon.....new pipes and action.....73 pipes
20	8	Trompette .....present pipes and action.....61 pipes
21	8	Hautbois .....from #19.....61 notes
22	4	Clairon .....present pipes and action.....61 pipes
23		Tremolo



CHANCEL CHOIR ORGAN (Enclosed) 9

24	8	Holzgedackt....present 8 Nasonflöte pipes and action.....	61 pipes
25	8	Erzahler .....present pipes and action.....	61 pipes
26	8	Erzahler Celeste TC...present pipes and action.....	49 pipes
27	4	Nachthorn .....present pipes and action.....	61 pipes
28	2-2/3	Nazard .....present pipes and action.....	61 pipes
29	2	Principal.....new pipes, new action .....	73 pipes
30	1-3/5	Tierce .....new pipes, present 2 Blockflöte action....	61 pipes
31	1-1/3	Quintflöte.....new pipes and action .....	61 pipes
32	1	Klein Octave.....from #29.....	61 notes
33	8	Cromorne .....present 8 Schalmey pipes and action.....	61 pipes
34		Tremolo	

ANTIPHONAL GREAT ORGAN (Unenclosed) 7

35	8	Bordun.....present pipes and action.....61 pipes
36	4	Principal.....present 4 Octave pipes and action.....61 pipes
37	2	Octave .....present 2' Mixture pipes #1-49, new pipes #50-61, present Dulciana action .....61 pipes
38	III-IV	Mixture.....Formula "C", present II Grave Mixture pipes and action, <sup>152</sup> <del>152</del> <sup>65</sup> new pipes .....208 pipes
39		Tremolo.....(Bordun only, by cutout)

ANTIPHONAL SWELL ORGAN (Enclosed)<sup>5</sup>

40	8	Gedackt.....present	pipes and action.....61	pipes
41	8	Salicional.....present	pipes and action.....61	pipes
42	8	Voix Celeste TC...present	pipes and action.....49	pipes
43	4	Harmonic Flute....present	pipes and action.....61	pipes
44	8	Hautbois.....present	pipes and action.....61	pipes
45		Tremolo		

CHANCEL PEDAL ORGAN 2

46	32	Untersatz.....Unison from #48...Quint from #50.....	32 notes
47	16	Principal....12 new pipes and action, 20 from #51.....	32 notes
48	16	Subbass .....present pipes and action .....	58 pipes
49	16	Quintaton .....from #1.....	32 notes
50	16	Rohrbordun....12 present pipes and action, 20 from #12.....	32 notes
51	8	Principal....present 8' Pedal Octave pipes and action.....	56 pipes
52	8	Bassflöte.....from #48.....	32 notes
53	8	Rohrflöte .....from #12.....	32 notes
54	4	Choralbass .....from #51.....	32 notes
55	4	Bourdon .....from #48.....	32 notes
56	2	Octavin .....from #51.....	32 notes
57	IV	Grand Cornet.....from #48....Formula "D" .....	32 notes
58	32	Contre Bombarde....12 new pipes and action, 20 from #59 & 20.....	32 notes
59	16	Bombarde.....#1-12 present 16 Double Trompette pipes & action, 20 from #20 .....	32 notes
60	8	Trompette.....from #20.....	32 notes
61	4	Clairon .....from #20.....	32 notes
62		Blank .....Console only	

ANTIPHONAL PEDAL ORGAN

63	16	Bourdon.....12 present pipes and action, 20 from #35.....32 notes
64	16	Rohrgedackt..12 present pipes and action, 20 from #40.....32 notes
65	8	Gedackt .....from #40.....32 notes

COUPLERS

66	Great to Pedal	78	Swell to Choir 16
67	Great to Pedal 4	79	Swell to Choir
68	Swell to Pedal	80	Swell to Choir 4
69	Swell to Pedal 4	81	Great Unison Off
70	Choir to Pedal	82	Great 4
71	Choir to Pedal 4	83	Swell 16
72	Swell to Great 16	84	Swell Unison Off
73	Swell to Great	85	Swell 4
74	Swell to Great 4	86	Choir 16
75	Choir to Great 16	87	Choir Unison Off
76	Choir to Great	88	Choir 4
77	Choir to Great 4	89	Chancel Great - Both - Antiphonal C
		90	Chancel Swell - Both - Antiphonal S
		91	Chancel Pedal - Both - Antiphonal P

ADJUSTABLE COMBINATIONS (Present - no change)

Pistons No. 1-2-3-4-5-6	Affecting Chancel Great
Pistons No. 1-2-3	Affecting Antiphonal Great
Pistons No. 1-2-3-4-5-6	Affecting Chancel Swell
Pistons No. 1-2-3	Affecting Antiphonal Swell
Pistons No. 1-2-3-4-5-6	Affecting Choir
Pistons No. 1-2-3-4-5-6	Affecting Pedal (duplicated by toe studs)
Pistons No. 1-2-3-4-5-6	Affecting Full Organ (duplicated by toe studs)
General Cancel Piston	

PEDAL MOVEMENTS

Great to Pedal Reversible (duplicated by manual piston)  
 Swell to Pedal Reversible (duplicated by manual piston)  
 Choir to Pedal Reversible (duplicated by manual piston)  
 Balanced Expression Pedal - Chancel Swell Organ  
 Balanced Expression Pedal - Antiphonal Swell Organ  
 Balanced Expression Pedal - Chancel Choir Organ  
 Balanced Crescendo Pedal with indicator light  
 Sforzando Pedal (duplicated by manual piston) with indicator light  
 Balanced Expression Pedal - Carillon Bells  
 All Swells to Swell Reversible (duplicated by manual piston) with indicator light

ACCESSORIES - present unless noted

Concave, radiating pedal clavier  
 Organ bench with music shelf (and new back rest)  
 Music rack with light  
 Pedal light  
 Electric motors and blowers  
 DC Organ power unit (new)  
 Schulmerich Carillon Bells control panel  
 Three signal lights and buttons  
 Two motor starter switches