

# M. P. MÖLLER Organ Factory

2/10

Pipe Organ No. R-180 Date November 10, 1986  
For BETHEL UNITED METHODIST CHURCH, CHEWSVILLE, MD  
Action Electro-Pneumatic Console Present - Detached  
Casing No. Present- no change Finish Refinish same color  
Decorations None Motor Present 3/4 HP - Style 3-P-2421  
Width of Key-bed Standard Stop Controls Stop keys  
No. Manuals Two and Pedal Wind Pressure 4"  
To be Completed April 19, 1987 Blower Pipe furnished by Purchaser

## SPECIFICATIONS

BUILDING, CHANGING TONALLY AND ADDING TO  
PRESENT MOLLER ORGAN - OPUS 6831 - 1939 33323

### CONSOLE

Reuse present console rebuilding same as follows:

Replace stop keys and contacts.  
Recover all stop and coupler pneumatics.  
Recover reversible.  
Recover combination pneumatic.  
Recover all primaries and install new magnet armatures.  
Replace piston buttons and springs.  
Replace Crescendo and expression pedal pads and edging.  
Replace burrs and felt washers on manual keys.  
Refelt action as required.  
Refelt pedal keyboard and install new insulating tips.  
Recover roll top.  
Recover reservoir.  
Rework combination action to yield all generals.  
Refinish console cabinet, bench and pedal keyboard.

### PITMAN CHEST

Recover all manual pipe pouches.  
Replace stop action checks and eyelets.  
Recover two primary stations and install new magnet armatures.  
Recover stop action primaries and install new magnet armatures.  
Replace duplex shifters.  
Rework and/or install new toeboard/rackboard assemblies as required  
for tonal changes.  
Unify Great 8 Principal #9-61 and rework top octave of present Great &  
Swell stations for Great 8 Principal #62-85

### OFFSET & UNIT CHESTS

Recover the following actions and install new magnet armatures:

Great 8 Principal 8 notes  
Swell 8 Holzgedeckt 85 notes

### SWITCHES

Install new electro-pneumatic switches with diodes as required.

### PEDAL ORGAN

Recover the following actions and install new magnet armatures:

16 Bourdon 44 notes  
16 Lieblich Gedackt 12 notes

- EXPRESSION Recover all primaries and install new magnet armatures.  
Recover all shade pneumatics.  
Replace all shade jacks and connecting rods.  
Refelt all shades.
- RESERVOIRS Recover the following reservoirs and install new curtain valves as required:  
  
One 2'-6" x 4'-0" manual  
One 1'-6" x 2'-6" pedal  
One expression
- TREMOLO Install new electro-pneumatic Tremolo.
- PIPES Install new pipes indicated by organ specifications.  
Revoice all pipes being re-used.  
Repack all wood pipe stoppers.  
Install slide tuners as required.
- CABLES Install new plastic-covered cables between console and organ.  
Install new action current wires between console, organ, and DC organ power unit.
- ACTION CURRENT Install new 10-15 volts, 30 amperes DC organ power unit.
- BLOWER Reuse present 3/4 HP, Style 3-P-2421 motor and blower without change.  
Install new motor blower coupling leathers.  
Install new 8" diameter flexible connection with drawbands.
- GENERAL All parts specified to be rebuilt to be returned to the factory of M. P. MOLLER, INC., at Hagerstown, Md.; superstructure to remain in place. Entire organ to be regulated and tone-finished in the Church.  
  
All parts from present organ not required to complete this program become the property of M. P. MOLLER, INC.

SPECIFICATIONS  
FOR  
CONSOLE AND ORGAN

MANUAL COMPASS	CC to C4, 61 notes
PEDAL COMPASS	CCC to G, 32 notes
WIND PRESSURE	4"
PITCH	A-440 @ 70° F

GREAT ORGAN - Enclosed with Swell

1	8	Principal....new pipes, #1-61 present Open Diapason action unified, #62-73 present Dulciana action #62-73 unified; #74-85 present Oboe action #62-73 unified.....	85 pipes
2.	8	Holzgedackt .....from #9 .....	61 notes
3.	8	Dolce .....from #10 .....	61 notes
4.	4	Octave .....from #1 .....	61 notes



GREAT ORGAN - Enclosed with Swell - CONTINUED

5.	4	Holzflöte -----from #9 -----	61 notes
6.	2	Flöte -----from #9 -----	61 notes
7.	III-IV	Mixture -----new pipes, present Salicional action -----	208 pipes
8.		Chimes -----present Deagan "D" bells, new action, transformer, relays and volume control, A to F, #22 to #42 -----	21 bells

SWELL ORGAN - Enclosed

9	8	Holzgedackt -----present Stopped Diapason pipes & action -----	85 pipes
10	8	Dolce-----present Dulciana pipes & action -----	61 pipes
11	8	Dolce Celeste TC--present Vox Celeste TC pipes & action -----	49 pipes
12	4	Holzflöte -----from #9 -----	61 notes
13	2-2/3	Nazard -----from #9 -----	61 notes
14	2	Principal -----from #1 -----	61 notes
15	1-1/3	Larigot -----from #9 -----	61 notes
16	1	Kleinflöte -----from #9 -----	61 notes
17	8	Trompette -----new pipes, present Oboe action -----	61 pipes
18		Tremolo	

\* PEDAL ORGAN

19	16	Bourdon -----present pipes & action -----	44 pipes
20	16	Lieblich Gedackt----#1-12 present pipes & action, #13-32 from #9-	32 notes
21	8	Bourdon -----from #19 -----	32 notes
22	8	Holzgedackt -----from #9 -----	32 notes

\* Pedal Organ playable thru slides in console

COUPLERS - no change

23	Great to Pedal	28	Great 16
24	Swell to Pedal	29	Great 4
25	Swell to Great 16	30	Swell 16
26	Swell to Great	31	Swell Unison Off
27	Swell to Great 4	32	Swell 4

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5  
General Cancel

Affecting Full Organ

PEDAL MOVEMENTS - no change

Great to Pedal Reversible  
Balanced Expression Pedal - Entire organ  
Balanced Crescendo Pedal with indicator lights

ACCESSORIES - change listed

Concave, radiating pedal clavier  
Organ bench with music shelf  
Music rack with light  
Pedal light  
Motor starter switch  
Present motor and blower  
New DC organ power unit  
Volt meter

TRM/a