

**M. P. MOLLER ORGAN FACTORY**

4/60

**DISCARD ALL PREVIOUS COPIES**

Pipe Organ No. 11836 Date June 20, 1990  
 For FIRST PRESBYTERIAN CHURCH, SIOUX CITY, IOWA  
 Action Electro-Pneumatic Console Movable - no roll top  
 Casing Present-relocated Finish To customer's sample  
 Decoration None Motor Present 10 HP Style 3KZM  
 Width of Key-bed Standard Tracker Touch Yes X No  
 Keys to be Bone and Walnut Stop Controls Walnut draw knobs  
and Maple tilting tablets  
 No. Manuals Four and Pedal Wind Pressure See scale sheets  
 To be Completed October 1, 1991 Blower Pipe Furnished by Purchaser

**SPECIFICATIONS****FOR****REBUILDING WITH TONAL CHANGES AND ADDITIONS****PRESENT MOLLER ORGAN****OPUS 5855 - 1930 32172****CONSOLE**

Install new four manual, all electric, movable, draw knob and tilting tablet console, pedal keyboard and bench.

**PITMAN CHESTS**

Recover all manual pipe pouches.  
 Replace stop action checks and eyelets.  
 Recover five 61 note primary stations and install new magnet caps and armatures.  
 Recover one 73 note primary station and install new magnet caps and armatures.  
 Recover stop action primaries and install new magnet armatures.  
 Replace duplex shifters where required.  
 Rework and/or install new toeboard/rackboard assemblies as required for tonal changes.  
 Install new actions as required for additions.

**OFFSET & UNIT CHEST**

Recover the following actions and install new magnet caps and armatures:

Swell	16	Bourdon Doux	97 notes
Swell	8	Diapason Conique	8 notes
Swell	16	Fagotte	12 notes
Swell	8	Voix Humaine	61 notes
Choir	8	Rohrflöte	12 notes
Choir	8	Erzahler	4 notes
Choir	4	Prinzipal	4 notes
Solo	8	Gross Flute	73 notes
Solo	8	Gambe	73 notes
Solo	8	Gambe Celeste	12 notes
Solo	8	Trumpet	12 notes

Recover all offset chest primaries.  
 Install new actions as required for additions.

**CHINES** Install new electric actions.  
Reuse present bells.

**SWITCHES** Install new solid state Orgaplex switches.

**PEDAL ORGAN** Recover the following actions and install new magnet caps and armatures:

16	Diapason	32 notes
16	Subbass	44 notes
32	Contra Bombarde	12 notes
16	Bombarde	12 notes

Recover all pedal chest primaries.

**EXPRESSION** Refelt all shades.  
Install electric actions and trace rods.  
Install approx. 32 sq. ft. shades for Great/Choir.  
Provide loud/soft action for Voix Humaine cover.

**RESERVOIR** Recover the following reservoirs and install new curtain valves:

Two	3-0 x 5-0 manual
One	2-0 x 4-0 manual
One	1-9 x 3-6 pedal
Two	16 x 21 pedal
One	harp

**TREMULANT** Install new electro-pneumatic tremulants for Swell and Choir.

**PIPES** Install new pipes as indicated by organ specifications.  
Revoice all pipes being reused.  
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 11-15 volts, 50 amperes DC organ power unit.

**BLOWER**

Reuse present 10 HP, Style 3KZM motor and blower without change.  
 Install new motor-blower coupling leather.  
 Install new 14" diameter flexible connection with draw bands.

**GENERAL**

All parts specified above to be rebuilt to be returned to the factory of M. P. Moller, Inc. at Hagerstown, Maryland.

All parts from present instrument not required to complete this program become the property of M. P. Moller, Inc. with the exception of player mechanism.

### SPECIFICATIONS FOR CONSOLE AND ORGAN

**MANUAL COMPASS**  
**PEDAL COMPASS**  
**WIND PRESSURE**  
**PITCH**

CC to C4, 61 notes  
 CCC to G, 32 notes  
 See scale sheets  
 A-440 @ 70° F

**GREAT ORGAN** - Unenclosed except \* enclosed 20  
 with Choir

1.	16	Sub Principal...present Second Open Diapason pipes, new action.....73 pipes
2.	8	Principal I....new pipes, new action.....61 pipes
3.	8	Principal II....from #1.....61 notes
4.	8	Gross Flute....from #50.....61 notes
* 5.	8	Harmonic Flute..#1-12 present Clarabella pipes, #13 up present 4 Flute Harmonic pipes rescale 2 notes; present Clarabella action.....61 pipes
6.	8	Erzähler.....from #38.....61 notes
7.	8	Erzähler Celeste TC...from #39.....49 notes
8.	4	Octave.....new pipes and action.....61 pipes
* 9.	4	Spindle Flute...new pipes; present 2 Fifteenth action.....61 pipes
10.	2	Super Octave....new pipes and action.....61 pipes
11.	II-III	Grave Fourniture (includes 16' harmonics)... new pipes and action.....163 pipes
12.	V	Mixture.....new pipes and action.....305 pipes
13.	III-VI	Mounted Cornet..new pipes and action.....309 pipes



GREAT ORGAN - Continued

14.	16	Musette.....from #45.....61 notes
15.	8	Trumpet.....from #55.....61 notes
16.		Chimes...present bells, new action, transformer, relays and volume control, G to G, #20-44.....25 bells

SWELL ORGAN - Enclosed 18

17.	16	Bourdon Doux....present pipes and action.....97 pipes
18.	8	Diapason Conique...new pipes; present Open Diapason action.....61 pipes
19.	8	Voce Umana (Celeste)..new pipes; new unit action on Salicional action....61 pipes
20.	8	Flûte Couverte..from #17.....61 notes
21.	8	Viole Sordine...present String Celeste unison pipes and action.....61 pipes
22.	8	Viole Sordine Celeste TC..present String Celeste celeste pipes and action.....49 pipes
23.	4	Principal.....new pipes; present Aeoline action.....61 pipes
24.	4	Flûte Ouverte...49 present Concert Flute pipes, 24 new pipes; present Chimney Flute action....73 pipes
25.	2 2/3	Nazard.....new pipes; present Viole d'Orchestre action.....61 pipes
26.	2	Flûte Courte....from #24.....61 notes
27.	1 3/5	Tierce...new pipes; present 1 of III actions...61 pipes
28.	1	Fifre.....from #17.....61 notes
29.	III-V	Plein Jeu.....new pipes; present 2 & 3 of III actions.....265 pipes
30.	16	Fagotte.....present pipes and action.....61 pipes
31.	8	Trompette.....new pipes; present Cornopean action.....73 pipes
32.	8	Hautbois.....present Oboe pipes and action..61 pipes
33.	8	Voix Humaine (f)...present pipes and action....61 pipes
34.	8	Voix Humaine (p)...from #33.....61 notes
35.	4	Clairon.....from #31.....61 notes
36.		Tremulant

CHOIR ORGAN - Enclosed 12

37.	8	Rohrflöte...present Concert Flute pipes #1-12, present First Open Diapason action #1-12; 49 present Swell Chimney Flute pipes #1-19; present Gross Flute action #13-61.....61 pipes
38.	8	Erzähler...present pipes, #1-4 present Second Open Diapason action, #5 up present action.....61 pipes
39.	8	Erzähler Celeste TC..present pipes and action..49 pipes



CHOIR ORGAN - Continued

40.	4	Prinzipal...new pipes; #1-4 present Erzähler action, #5 up present Second Open Diapason action.....73 pipes
41.	4	Holzflöte.....present Clarabella pipes; present Flute Harmonic action.....61 pipes
42.	2	Weitprinzipal...from #40.....61 notes
43.	1 1/3	Klein-nasat.....new pipes; present Dulciana action.....61 pipes
44.	V	Scharf...new pipes; present Tromba action.....305 pipes
45.	16	Musette.....new pipes; present First Open Diapason action #13-73 and Second Open Diapason #74-85, unified.....73 pipes
46.	8	Musette.....from #45.....61 notes
47.		Tremulant
48.		Harp.....present bars and action.....49 bars
49.		Zimbelstern.....new bells and action.....5 bells

SOLO ORGAN - Enclosed with Choir 7

50.	8	Gross Flute...present pipes, new top octave; #1-12 present action, #13-18 new action, #19-85 present Concert Flute actions #1-67.....85 pipes
51.	8	Gamba...present Contra Viole pipes and action #13-61.....73 pipes
52.	8	Gamba Celeste..present Swell Salicional #1-61; #1-12 present 16 Open Diapason action #13-24, #13 up present Unda Maris action.....73 pipes
53.	4	Solo Flute.....from #50.....73 notes
54.	III-VI	Mounted Cornet..from #13.....61 notes
55.	8	Trumpet...present Cornopean pipes; #1-12 present 16 Contra Viol action #1-12, #13 up present 16 Double Diapason action #25 up.....73 pipes
56.	8	French Horn.....present pipes and action.....73 pipes
57.	8	Clarinet.....present pipes and action.....73 pipes
58.	8	Musette.....from #45.....61 notes
59.	8	Trompette en Chamade (unenclosed)...new pipes and action.....61 pipes
60.		Chimes.....from #16.....25 notes

PEDAL ORGAN 3

61.	32	Acoustic Bass F...from #63.....32 notes
62.	32	Acoustic Bass P...from #65.....32 notes
63.	16	Diapason...present pipes and action.....32 pipes
64.	16	Principal.....from #1.....32 notes
65.	16	Subbass...44 present Bourdon pipes and action, 12 new pipes #45-56, 12 present Double Open Diapason actions #34-44.....56 pipes

PEDAL ORGAN - Continued

66.	16	Bourdon Doux....from #17.....	32 notes
67.	8	Octave..present First Open Diap.; new action...	44 pipes
68.	8	Bass Flute.....from #65.....	32 notes
69.	8	Flute Couverte..from #20.....	32 notes
70.	4	Choralbass.....from #67.....	32 notes
71.	4	Solo Flute.....from #50.....	32 notes
72.	2	Solo Piccolo....from #50.....	32 notes
73.	II	Fourniture.....from #11.....	32 notes
74.	IV-V	Mounted Cornet..from #13..(plays #13-44).....	32 notes
75.	32	Contra Bombarde..12 present 16 Trombone resonators (new boots) and action, 20 from #55 & 75.....	32 notes
76.	16	Bombarde.....12 new pipes, present 16 Open Diapason action #1-12, 20 from #55.....	32 notes
77.	16	Fagotte.....from #30.....	32 notes
78.	8	Trumpet.....from #55.....	32 notes
79.	4	Clarion.....from #55.....	32 notes
80.	4	Musette.....from #45.....	32 notes
81.		Chimes.....from #16.....	25 notes

COUPLERS

82.	Great to Pedal	102.	Choir to Swell
83.	Swell to Pedal	103.	Solo to Swell
84.	Swell to Pedal 4	104.	Great to Solo
85.	Choir to Pedal	105.	Great 16
86.	Choir to Pedal 4	106.	Great Unison Off
87.	Solo to Pedal	107.	Swell 16
88.	Solo to Pedal 4	108.	Swell Unison Off
89.	Swell to Great 16	109.	Swell 4
90.	Swell to Great	110.	Choir 16
91.	Swell to Great 4	111.	Choir Unison Off
92.	Choir to Great 16	112.	Choir 4
93.	Choir to Great	113.	Solo 16
94.	Choir to Great 4	114.	Solo Unison Off
95.	Solo to Great 16	115.	Solo 4
96.	Solo to Great	116.	MIDI on Great
97.	Solo to Great 4	117.	MIDI on Swell
98.	Swell to Choir	118.	MIDI on Choir
99.	Swell to Choir 4	119.	MIDI on Solo
100.	Solo to Choir	120.	MIDI on Pedal
101.	Great to Choir	(116 thru 120 on combinations, at right)	



**ADJUSTABLE COMBINATIONS****Solid State - Eight Memories**

Pistons No. 1-2-3-4-5-6-7-8	Affecting Great
Pistons No. 1-2-3-4-5-6-7-8	Affecting Swell
Pistons No. 1-2-3-4-5-6-7-8	Affecting Choir
Pistons No. 1-2-3-4-5-6-7-8	Affecting Solo
Toe Studs No. 1-2-3-4-5-6-7-8	Affecting Pedal
	(duplicated by manual pistons)
Pistons No. 1-2-3-4-5-6-7-8-9-10-11-12	Affecting Full Organ
	(duplicated by toe studs)

General Cancel  
Combination Adjustor  
Memory Selector  
Combination Lock

**REVERSIBLES**

Great to Pedal - manual piston and toe stud  
Swell to Pedal - manual piston and toe stud  
Choir to Pedal - manual piston and toe stud  
Solo to Pedal - manual piston and toe stud  
Tutti - manual piston and toe stud - with indicator light  
32 Acoustic Bass F - toe stud  
32 Acoustic Bass P - toe stud  
32 Contra Bombarde - toe stud  
Zimbelstern - toe stud

**PEDAL MOVEMENTS**

Balanced Expression Pedal - Swell Organ  
Balanced Expression Pedal - Choir/Solo Organ  
Balanced Crescendo Pedal - with indicator light

**ACCESSORIES**

Concave, radiating pedal clavier  
Adjustable organ bench with hand crank  
Transparent music rack with light  
Pedal light  
Signal light and button  
Transposer, +/- four semi-tones  
Low profile console without rolltop  
Console movable with built-in casters  
Blower motor starter lock switch with indicator light  
New DC organ power unit  
Present motor and blower

GENERAL

Church agrees to clean, repaint, polish, or refinish original facade case, and move same forward to a new location following recommendations of M. P. Moller, Inc.

Church agrees to prepare organ chamber, the floors, walls and ceiling of which shall be cleaned, repaired, painted, insulated as appropriate, and fitted with fluorescent electric lighting and electrical outlets, installed in accordance with local electrical code and recommendations of M. P. Moller, Inc.

Salesmen: Merrill Davis & Richard Gayhart

RVK/k

10/17/90

REV. 3/19/92