

File

M. P. MÖLLER Organ Factory

3-46

Pipe Organ No. R-808 Date October 24, 1968
For FIRST UNITED METHODIST CHURCH, BRIDGEPORT, CONNECTICUT
Action Electro-Pneumatic Console Detached
Casing No. None Finish To customer's selection
Decorations None Motor Present motor & blower. New DC organ power unit
Width of Key-bed Standard Stop Controls Draw Knobs & Tilting Tablets
No. Manuals Three and Pedal - English Keys Wind Pressure Gr 3-3/4" Sw. Ch & Ped. 6"
To be Completed December 10, 1969 Blower Pipe furnished by Purchaser

SPECIFICATIONS

FOR

REBUILDING PRESENT MOLLER ORGAN OPUS 5303 - 1928

31625 4152
v s

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

GREAT MANUAL CHEST Install new action for 4 Octave #1 to #12 incl - 12 Notes

Releather 453 manual pipe pouches
Install 487 new stop action checks and eyelets
Delete duplex shifters and actions
Releather 7 Stop Action Primaries
Releather one 73-note Primary Station
Install 153 new magnet plugs and armatures
Rework chest to conform to revised specifications and supply new top boards as required

SWELL MANUAL CHEST Install the following new actions:

Swell III-V Mixture - for 269 Pipes
Swell 16 Fagot . - 61 Notes
Swell 8 Trompette - 73 Notes

Releather 616 manual pipe pouches
Install 616 new stop action checks and eyelets
Releather 9 Stop Action Primaries
Releather one 73-note Primary Station
Install 82 new magnet plugs and armatures
Rework chest to conform to revised specifications and supply new top boards as required

CHOIR MANUAL CHEST Releather 645 manual pipe pouches
Releather 11 Stop Action Primaries
Releather two 73-note Primary Stations
Install 84 new magnet plugs and armatures
Install 73 new outside type magnets
Rework chest to conform to revised specifications and supply new top boards as required

OFFSET CHESTS

Releather the following offset actions and install new magnet plugs and armatures:

Great 16 Quintaton - 10 Notes
Great 8 Bourdon - 12 Notes
Great IV Mixture - 12 Notes
Choir 16 Dulciana - 12 Notes

RELAYS

Install new 12 note Relay for Great Organ
Install new 73 note Relay for Swell Organ
Install new 32 note Relay for Choir Organ

SWITCHES

Install the following new electro-pneumatic switches with stop actions:

Great 16 Quintaton - 10 Notes
Great 8 Bourdon - 12 Notes
Great IV Mixture - 12 Notes
Swell 16 Bourdon - 44 Notes
Choir 16 Dulciana - 32 Notes
Great Unison - 73 Notes
Swell Unison "A" - 73 Notes
Swell Unison "B" - 73 Notes
Choir Unison "A" - 73 Notes
Choir Unison "B" - 73 Notes

PEDAL ORGAN

Install the following new actions:

8 Principal - 44 Notes
II Mixture - 32 Notes

Releather 16 Violone action #1 to #32 incl and install new magnet plugs and armatures
Releather 16 Bourdon action #1 to #44 incl and install new magnet plugs and armatures
Releather 16 Trumpet action #1 to #56 incl and install new magnet plugs and armatures
Install new 32 note Primary for 16 Dulciana
Install new 44 note Primary for 16 Gedeckt
Install new 32 note Pedal Relay with twelve 32-note switches

ECHO ORGAN

To be used without change. To be playable from Great Manual of new console

EXPRESSION

Remove and discard shades and action from Great Organ division.
Great Organ to be unenclosed
Releather 12 note expression action for Swell Organ and install new magnet plugs and armatures
Releather 16 note expression action for Choir Organ and install new magnet plugs and armatures
Recover 28 shade and bumper pneumatics
Install 28 sets of shade jacks and connecting rods

TREMOLOS

Install two new electro-pneumatic tremolos

RESERVOIRS

Recover the following reservoirs and supply new curtain valves as required:

Three (3) 3'-0" x 4'-0" Manual Reservoirs
Two (2) Pedal Reservoirs
Two (2) Expression Reservoirs

Install new reservoirs as required

PIPES

Install the following new pipes:

Great 16 Quintaton	- 73 Pipes
Great 8 Principal	- 73 Pipes
Great 8 Bourdon	- 73 Pipes
Great 4 Octave	- 73 Pipes
Great 4 Spitzflöte	- 73 Pipes
Great 2 Doublette	- 61 Pipes
Great IV Mixture	- 244 Pipes
Swell 4 Principal	- 73 Pipes
Swell III-V Mixture	- 269 Pipes
Swell 16 Fagot (1/2 lgth)	- 61 Pipes
Swell 8 Trompette	- 73 Pipes
Choir 4 Principal	- 73 Pipes
Choir 2 Principal	- 61 Pipes
Choir 1-1/3 Larigot	- 61 Pipes
Pedal II Mixture	- 64 Pipes
Pedal 16 Trumpet	- 56 Pipes

Clean, revoice as required and supply new modern type tuning slides as required on the following pipes:

Swell 8 Salicional	- 73 Pipes
Swell 8 Voix Celeste	- 73 Pipes
Swell 4 Harmonic Flute	- 73 Pipes
Swell 2-2/3 Nazard	- 61 Pipes
Swell 2 Flautino	- 61 Pipes
Swell 1-3/5 Tierce	- 61 Pipes
Choir 16 Dulciana	- 85 Pipes
Choir 8 Unda Maris TC	- 61 Pipes
Choir 8 Cello	- 73 Pipes
Choir 8 Cello Celeste	- 73 Pipes
Choir 8 Clarinet	- 73 Pipes
Pedal 16 Violone	- 32 Pipes
Pedal 8 Principal	- 44 Pipes

Repack stoppers on the following pipes and repair as necessary:

Swell 16 Bourdon	- 73 Pipes
Choir 4 Flute d'Amour	- 73 Pipes
Pedal 16 Bourdon	- 44 Pipes

CABLES

Install new plastic covered cables between console and organ
Install new action current wires between console, blower and organ power unit

BLOWER Present blower and motor to be used without change
Install new leather couplings

ACTION CURRENT Install new 30 Amp. Organ Power Unit

GENERAL Entire organ with exception of Echo Organ, motor and blower to
be returned to factory of M. P. Moller, Inc., for re-engineering
and rebuilding as specified

SPECIFICATIONS

FOR

CONSOLE AND ORGAN

MANUAL COMPASS
PEDAL COMPASS
WIND PRESSURE
PITCH

CC to C₄, 61 Notes
CCC to G, 32 Notes
Gr 3-3/4". Sw, Ch, & Ped. 6"
A-440 @ 70° F

GREAT ORGAN (unenclosed) ¹⁰

1	16	Quintatonnew pipes; present Solo 8 Stentorphone action...	73 Pipes
2	8	Principalnew pipes; present Solo 8 Gross Gamba action....	73 Pipes
3	8	Bourdonnew pipes; present Solo 8 Philomula action.....	73 Pipes
4	4	Octavenew pipes; new action #1 to #12, present Solo 8 Gamba Celeste TC action.....	73 Pipes
5	4	Spitzflötenew pipes; present Solo 4 Harmonic Flute action.	73 Pipes
6	2	Doublettenew pipes; present Solo 8 Orchestral Oboe action.....	61 Pipes
7	IV	Mixturenew pipes; present Solo 8 French Horn action....	244 Pipes

SWELL ORGAN ¹¹

8	16	Bourdonpresent pipes; present action.....	73 Pipes
9	8	Gedecktpresent pipes; present action.....	73 Pipes
10	8	Salicionalpresent pipes; present 8 Viole d'Orchestre action.....	73 Pipes
11	8	Voix Celestepresent 8 Viole d'Amour pipe; present 8 Viole d'Amour action.....	73 Pipes
12	4	Principalnew pipes; present 8 Quintadena action.....	73 Pipes
13	4	Harmonic Flute ...present pipes; present action.....	73 Pipes
14	2-2/3	Nazardpresent pipes; present action.....	61 Pipes
15	2	Flautinopresent pipes; present action.....	61 Pipes
16	1-3/5	Tiercepresent pipes; present action.....	61 Pipes
17	III-V	Mixturenew pipes; new action.....	278 Pipes
18	16	Fagot (1/2 lgth)...new pipes; new action.....	61 Pipes
19	8	Trompettenew pipes; new action.....	73 Pipes
20	4	Claronfrom #19.....	61 Notes
21		Tremolo	

CHOIR ORGAN 10

22	16	Dulcianapresent pipes; present action.....	85 Pipes
23	8	Concert Flutepresent pipes; present action.....	73 Pipes
24	8	Dulcianafrom #22.....	73 Notes
25	8	Unda Maris TCpresent pipes; present action.....	61 Pipes
26	8	Cellopresent pipes; present action.....	73 Pipes
27	8	Cello Celestepresent pipes; present action.....	73 Pipes
28	4	Principalnew pipes; present 8 Diapason action.....	73 Pipes
29	4	Flute D'Amourpresent pipes; present action.....	73 Pipes
30	2	Principalnew pipes; present 2 Piccolo action.....	61 Pipes
31	1-1/3	Larigotnew pipes; present 2-2/3 Nazard action.....	61 Pipes
32	8	Clarinetpresent pipes; present action.....	73 Pipes
33		Tremolo	

ECHO ORGAN 4

(playable from Great Manual)

34	16	Bourdon(no change).....	97 Pipes
35	8	Muted Viola(no change).....	73 Pipes
36	8	Viole Celeste(no change).....	61 Pipes
37	8	Fern Flutefrom #34.....	73 Notes
38	4	Flauto Dolcefrom #34.....	73 Notes
39	8	Vox Humana(no change).....	61 Pipes
40		Chimes(no change - G to G #20 to #44).....	25 Tubes
41		Tremolo	

PEDAL ORGAN (*) 6

42	32	Cornet VI.....	32 Notes
43	16	Violonepresent pipes; present action.....	32 Pipes
44	16	Bourdonpresent pipes; present action.....	44 Pipes
45	16	Gedecktfrom #8.....	32 Notes
46	16	Dulcianafrom #22.....	32 Notes
47	8	Principalpresent 16 Diapason pipes #12 to #56; new action.....	44 Pipes
48	8	Bourdonfrom #44.....	32 Notes
49	8	Gedecktfrom #8.....	32 Notes
50	4	Octavefrom #47.....	32 Notes
51	II	Mixturenew pipes; new action.....	64 Pipes
52	16	Trumpetnew pipes; present Solo 16 Tuba Profunda action.....	56 Pipes
53	16	Fagotfrom #18.....	32 Notes
54	8	Trumpetfrom #52.....	32 Notes
55	8	Fagotfrom #18.....	32 Notes
56	4	Clarionfrom #52.....	32 Notes
57	4	Fagotfrom #18.....	32 Notes

(*) Pedal Organ playable thru new Pedal Relay and Switches by M. P. M., Inc.

ECHO PEDAL ORGAN

58	16	Bourdon	from #34.....	32 Notes
59		Chimes	from #40.....	25 Notes

COUPLERS

60	Great to Pedal	72	Great Unison Off
61	Swell to Pedal	73	Great 4
62	Swell to Pedal 4	74	Swell 16
63	Choir to Pedal	75	Swell Unison Off
64	Choir to Pedal 4	76	Swell 4
65	Swell to Great 16	77	Great to Choir
66	Swell to Great	78	Swell to Choir 16
67	Swell to Great 4	79	Swell to Choir
68	Choir to Great 16	80	Swell to Choir 4
69	Choir to Great	81	Choir 16
70	Choir to Great 4	82	Choir Unison Off
71	* Echo to Great On-Great Off	83	Choir 4

(*) draw knob to be located with Great Knobs

ADJUSTABLE COMBINATIONS

(new style single setter type combination action)

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	Affecting Echo Stops
Toe Studs No. 1-2-3-4-5-6	Affecting Pedal Stops
Pistons No. 1-2-3-4-5-6-7-8	Affecting Full Organ (duplicated by toe studs)
Setter Piston	
<i>General Cancel Piston</i>	

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 - Swell Organ (12 contacts, regular system)
- 5- Balanced Expression Pedal - Choir Organ (16 contacts, regular system)
- 6- Balanced Expression Pedal - Echo Organ (10 contacts, regular system)
- 7- Balanced Crescendo Pedal with indicator light (green jewel)
- 8- Sforzando Reversible (duplicated by manual piston) with indicator light (red jewel)

ACCESSORIES

Music rack light
Pedal light

Concave and radiating pedal keyboard
Organ bench with music shelf

Present motor and blower. New DC organ power unit of ample capacity

12/2/68
RHM/bes