

File

M. P. MOLLER ORGAN FACTORY

3/34

Pipe Organ No. R-203 Date December 22, 1988  
For ST. THOMAS UNITED CHURCH OF CHRIST, READING, PENNSYLVANIA  
Action Electro-Pneumatic Console Detached - No Rolltop  
Casing None Finish As Per Sample  
Decoration None Motor Existing 5 HP, Style 2KZM  
Width of Key-bed Standard Tracker Touch Yes X No  
Keys to be Implex Stop Controls Implex Draw Knobs and  
Tilting Tablets  
No. Manuals THREE AND PEDAL Wind Pressure 5"  
To be Completed October 1, 1990 Blower Pipe Furnished by Purchaser

**SPECIFICATIONS**

FOR

REBUILDING PRESENT MOLLER ORGAN

OPUS 6088 - 1932 32420 3/31

**CONSOLE**

Install new three manual, all electric, detached  
draw knob and tilting tablet console, pedal  
keyboard and bench.  
Install pulse power supply.

**PITMAN CHESTS**

Recover all manual pipe pouches.  
Replace stop action checks and eyelets.  
Replace duplex shifters.  
Recover four 73 note primary stations and install  
new magnet armatures.  
Recover stop action primaries and install new  
magnet armatures.  
Rework and/or install new toeboard/rackboard  
assembly as required for tonal change.

**OFFSET CHESTS**

Recover the following actions and install new  
magnet armatures:

|       |    |                 |          |
|-------|----|-----------------|----------|
| Great | 16 | Open Diapason   | 18 notes |
| Great | 8  | Open Diapason   | 8 notes  |
| Swell | 16 | Bourdon         | 8 notes  |
| Swell | 8  | Open Diapason   | 8 notes  |
| Choir | 8  | Violin Diapason | 6 notes  |

**SWITCHES**

Install new solid state switches as required.

**CHIMES**

Install new action for present chime bells.

**PEDAL ORGAN**

Recover the following actions and install new  
magnet armatures:

|    |               |          |
|----|---------------|----------|
| 16 | Open Diapason | 44 notes |
| 16 | Sub Bass      | 44 notes |
| 4  | Choralbass    | 32 notes |

**EXPRESSION** Install four accordian motors with trace rods and jacks.  
Refelt shades.

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

One 4-0 x 4-0  
Two 3-0 x 4-0  
Two 1-6 x 2-0  
Two expression  
One blower

**TREMOLO** Install new electro-pneumatic tremolos for Great, Swell and Choir.

**PIPES** Install new pipes as indicated by organ specifications.  
Revoice all pipes being reused at site, except reeds at factory.  
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, 35 amperes DC organ power unit.

**BLOWER** Reuse present 5 HP, Style 2KZM motor and blower without change.  
Install new motor-blower coupling leathers.  
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. Superstructure to remain in place.

**SPECIFICATIONS  
FOR  
CONSOLE AND ORGAN**

|                       |                      |
|-----------------------|----------------------|
| <b>MANUAL COMPASS</b> | CC to C4, 61 notes   |
| <b>PEDAL COMPASS</b>  | CCC to G, 32 notes   |
| <b>WIND PRESSURE</b>  | 5"                   |
| <b>PITCH</b>          | A-440 @ 70 degrees F |

NOTE: PRESENT PIPES UNLESS OTHERWISE INDICATED.GREAT ORGAN - Enclosed 9

|     |       |                                                                                                                                    |    |       |
|-----|-------|------------------------------------------------------------------------------------------------------------------------------------|----|-------|
| 1.  | 16    | Open Diapason.....                                                                                                                 | 61 | pipes |
| 2.  | 8     | Open Diapason.....                                                                                                                 | 73 | pipes |
| 3.  | 8     | Gamba.....                                                                                                                         | 73 | pipes |
| 4.  | 8     | Doppel Flute.....                                                                                                                  | 73 | pipes |
| 5.  | 4     | Flute Harmonique.....                                                                                                              | 73 | pipes |
| 6.  | 4     | Principal.....                                                                                                                     | 73 | pipes |
| 7.  | 2-2/3 | Twelfth.....present Nazard pipes & action....                                                                                      | 61 | pipes |
| 8.  | 2     | Fifteenth.....present Piccolo pipes & action...                                                                                    | 61 | pipes |
| 9.  | II    | Mixture.....from #7 & 8.....                                                                                                       | 61 | notes |
| 10. | 8     | Trumpet.....                                                                                                                       | 61 | pipes |
| 11. |       | Tremolo                                                                                                                            |    |       |
| 12. |       | Chimes.....present Deagan "M" bells, new<br>+ electric action, transformer, volume control,<br>and relays, A to F, #22 to #42..... | 21 | bells |

SWELL ORGAN - Enclosed 14

|     |        |                                                             |     |       |
|-----|--------|-------------------------------------------------------------|-----|-------|
| 13. | 16     | Bourdon.....                                                | 73  | pipes |
| 14. | 8      | Open Diapason.....                                          | 73  | pipes |
| 15. | 8      | Stopped Diapason.....                                       | 73  | pipes |
| 16. | 8      | Viole d'Orchestre.....                                      | 73  | pipes |
| 17. | 8      | Viole Celeste TC.....                                       | 61  | pipes |
| 18. | 8      | Aeoline.....                                                | 73  | pipes |
| 19. | 4      | Rohr Flute.....                                             | 73  | pipes |
| 20. | 4      | Geigen Principal.....present Violina pipes &<br>action..... | 73  | pipes |
| 21. | III-IV | Mixture.....new pipes; present Vox Humana<br>action.....    | 208 | pipes |
| 22. | 8      | Cornopean.....                                              | 73  | pipes |
| 23. | 8      | Oboe.....                                                   | 73  | pipes |
| 24. |        | Tremolo                                                     |     |       |

CHOIR ORGAN - Enclosed 8

|     |   |                                            |    |       |
|-----|---|--------------------------------------------|----|-------|
| 25. | 8 | Violin Diapason.....                       | 73 | pipes |
| 26. | 8 | Melodia.....                               | 73 | pipes |
| 27. | 8 | Quintadena.....                            | 73 | pipes |
| 28. | 8 | Dulciana.....                              | 73 | pipes |
| 29. | 8 | Unda Maris TC.....                         | 61 | pipes |
| 30. | 8 | Gemshorn.....                              | 73 | pipes |
| 31. | 4 | Flute Traverse.....                        | 73 | pipes |
| 32. | 8 | Clarinet.....                              | 73 | pipes |
| 33. |   | Harp.....present reused without change.... | 49 | bars  |
| 34. |   | Tremolo                                    |    |       |

\* PEDAL ORGAN <sup>3</sup>

|     |    |                                                   |          |
|-----|----|---------------------------------------------------|----------|
| 35. | 16 | Open Diapason.....                                | 44 pipes |
| 36. | 16 | Second Open Diapason.....from #1.....             | 32 notes |
| 37. | 16 | Sub Bass.....                                     | 44 pipes |
| 38. | 16 | Lieblich Gedackt.....from #13.....                | 32 notes |
| 39. | 8  | Octave.....from #35.....                          | 32 notes |
| 40. | 8  | Flute.....from #37.....                           | 32 notes |
| 41. | 4  | Choral Bass...present 8 Cello pipes & action..... | 32 pipes |
| 42. | 8  | Trumpet.....from #10.....                         | 32 notes |

\* Pedal Organ playable thru solid state switches  
in organ.

COUPLERS

|     |                                          |     |                                          |
|-----|------------------------------------------|-----|------------------------------------------|
| 43. | Great to Pedal                           | 55. | Swell to Choir <del>16</del> <i>Sub</i>  |
| 44. | Great to Pedal <del>4</del> <i>Super</i> | 56. | Swell to Choir                           |
| 45. | Swell to Pedal                           | 57. | Swell to Choir <del>4</del> <i>Super</i> |
| 46. | Swell to Pedal <del>4</del> <i>Super</i> | 58. | Great <del>4</del> <i>Super</i>          |
| 47. | Choir to Pedal                           | 59. | Swell <del>16</del> <i>Sub</i>           |
| 48. | Choir to Pedal <del>4</del> <i>Super</i> | 60. | Swell Unison Off                         |
| 49. | Swell to Great <del>16</del> <i>Sub</i>  | 61. | Swell <del>4</del> <i>Super</i>          |
| 50. | Swell to Great                           | 62. | Choir <del>16</del> <i>Sub</i>           |
| 51. | Swell to Great <del>4</del> <i>Super</i> | 63. | Choir Unison Off                         |
| 52. | Choir to Great <del>16</del> <i>Sub</i>  | 64. | Choir <del>4</del> <i>Super</i>          |
| 53. | Choir to Great                           |     |                                          |
| 54. | Choir to Great <del>4</del> <i>Super</i> |     |                                          |

ADJUSTABLE COMBINATIONS

Solid State - Single Memory

|                             |                           |
|-----------------------------|---------------------------|
| Pistons No. 1-2-3-4-5-6     | Affecting Swell Organ     |
| Pistons No. 1-2-3-4-5-6     | Affecting Great Organ     |
| Pistons No. 1-2-3-4-5-6     | Affecting Choir Organ     |
| Pistons No. 1-2-3-4-5-6     | Affecting Pedal Organ     |
|                             | (duplicated by toe studs) |
| Pistons No. 1-2-3-4-5-6-7-8 | Affecting Full Organ      |
|                             | (duplicated by toe studs) |
| General Cancel              |                           |
| Combination Adjustor        |                           |
| Combination Lock            |                           |

REVERSIBLES

Great to Pedal - toe stud  
Swell to Pedal - toe stud  
Choir to Pedal - toe stud  
Tutti - toe stud with indicator light

PEDAL MOVEMENTS

Balanced Expression Pedal - Great and Choir Organ  
Balanced Expression Pedal - Swell Organ  
Balanced Crescendo Pedal with indicator light

ACCESSORIES

Concave, radiating pedal clavier  
Organ bench with music shelf and back rest  
Transparent music rack with light  
Pedal light  
Key operated motor switch with indicator light  
Present motor and blower  
New DC organ power unit

DLA/jm  
2-12-90

Salesman: David Friedell