

AR SERIES ORGAN  
 EARMARK FOR  
 #11077 FIRST BAPTIST CHURCH, JERSEYVILLE, ILLINOIS  
 2113  
 SPECIFICATIONS FOR A SERIES 70-9B ORGAN

GENERAL

(1) ORGAN

|                             |                                    |
|-----------------------------|------------------------------------|
| Great Organ                 | Exposed, supply enclosure          |
| Swell Organ                 | Standard Design without grille     |
|                             | Layout will be supplied            |
| Wood & Finish (Great Organ) | Rift Sawn Oak to customer's sample |
| (Swell Organ)               | Fir Plywood, Dull Charcoal Brown   |
| Action                      | Electro-Pneumatic (unit type)      |
| Wind Pressure               | See Pipe Analysis                  |
| Pitch                       | A-440 @ 70°F                       |

(2) CONSOLE

|                |                                    |
|----------------|------------------------------------|
| Cabinet        | Standard Design with roll top      |
| Wood & Finish  | Rift Sawn Oak to customer's sample |
| Manuals        | Two and Pedal                      |
| Manual Compass | CC to C4, 61 notes                 |
| Pedal Compass  | CCC to G, 32 notes                 |
| Stop Controls  | Tilting Tablets                    |
| Action         | All Electric                       |

(3) BLOWER (located in Blower Space)

|                       |                                          |
|-----------------------|------------------------------------------|
| Type                  | 2-P-2116 - 1/2 HP - 1750 RPM             |
| Rating                | 500 c.f.m. @ 4" - 6" outlet              |
| Current Specification | 1 Ph - 60 Cy - 220 Volts, 3.6 Amperes    |
| Overall Size          | 2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" |

(4) POWER UNIT (located in console)

|                        |                                                 |
|------------------------|-------------------------------------------------|
| Rating                 | DC Output - 10-15 Volts - 30 Amperes            |
| Current Specifications | AC Input: 1 Ph - 60 Cy - 110 Volts - 10 Amperes |
| Overall Size           | 14-1/2" long x 10-3/4" wide x 7" high           |

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CONSOLE AND ORGAN

GREAT ORGAN (exposed)

|    |        |                                           |           |
|----|--------|-------------------------------------------|-----------|
| 1  | 16     | Bourdon.....                              | 97 pipes  |
| 2  | 8      | Principal.....                            | 73 pipes  |
| 3  | 8      | Gedeckt .....from #1.....                 | 61 notes  |
| 4  | 8      | Gemshorn .....from #13.....               | 61 notes  |
| 5  | 4      | Octave .....from #2.....                  | 61 notes  |
| 6  | 4      | Gedeckt.....from #1.....                  | 61 notes  |
| 7  | 2      | Flute .....from #1.....                   | 61 notes  |
| 8  | 11     | Sesquialtera TC.....                      | 98 pipes  |
| 9  | III-IV | Mixture.....                              | 183 pipes |
| 10 |        | Chimes.....(prepared for in console only) |           |
| 11 |        | Tremolo                                   |           |

SWELL ORGAN (Enclosed)

|    |       |                                                 |          |
|----|-------|-------------------------------------------------|----------|
| 12 | 8     | Rohrflote.....                                  | 73 pipes |
| 13 | 8     | Gemshorn .....                                  | 80 pipes |
| 14 | 8     | Gemshorn Celeste TC.....                        | 49 pipes |
| 15 | 4     | Spitzprincipal.....                             | 73 pipes |
| 16 | 4     | Rohrflote .....from #12.....                    | 61 notes |
| 17 | 2     | Spitzoctave.....from #14 .....                  | 61 notes |
| 18 | 1-1/3 | Larigot .....from #13..repeat 12 top notes..... | 61 notes |
| 19 | 16    | Contre Trompette.....                           | 80 pipes |
| 20 | 8     | Trompette .....from #19 .....                   | 61 notes |
| 21 | 4     | Clairon .....from #19..repeat 5 top notes.....  | 61 notes |
| 22 |       | Tremolo                                         |          |

PEDAL ORGAN

|    |     |                                     |          |
|----|-----|-------------------------------------|----------|
| 23 | 16  | Bourdon.....from #1.....            | 32 notes |
| 24 | 8   | Principal.....from #2.....          | 32 notes |
| 25 | 8   | Gedeckt.....from #1.....            | 32 notes |
| 26 | 8   | Gemshorn .....from #13.....         | 32 notes |
| 27 | 4   | Octave .....from #1 .....           | 32 notes |
| 28 | 4   | Rohrflote.....from #12 .....        | 32 notes |
| 29 | 111 | Mixture .....from #9 .....          | 32 notes |
| 30 | 16  | Contre Trompette.....from #19 ..... | 32 notes |
| 31 | 8   | Trompette.....from #19 .....        | 32 notes |
| 32 | 4   | Clairon .....from #19 .....         | 32 notes |

COUPLERS

33 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts - reverse system)  
 Balanced Crescendo Pedal with Indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (red jewel)  
 Concave, radiating pedal clavier  
 Organ bench with music shelf  
 Music rack light  
 Pedal light  
 Digital clock

# PIPE ANALYSIS

|                    | PITCH | PIPES | SCALE                              | HALVING               | MOUTH  | METAL             | WIND PRESS               |
|--------------------|-------|-------|------------------------------------|-----------------------|--------|-------------------|--------------------------|
| <u>GREAT ORGAN</u> |       |       |                                    |                       |        |                   |                          |
|                    | 16    | 97    | CCC to BBB Reg. Manual Bourdon     |                       |        | Wood              | #1 To #16 inc 4"         |
|                    |       |       | CC to BB Reg. Artiste Tapered Bass |                       |        | Wood              | #17 up- 3 1/2" 3-1       |
|                    |       |       | TC up Reg. Artiste Treble          |                       |        |                   |                          |
| al                 | 8     | 73    | CC 52                              | TC 60                 | 18-1/2 | 1/4               | 17 Zinc SM               |
|                    |       |       |                                    |                       |        |                   | #1 To #20 inc 4 1/2" 3-1 |
| III                |       | 183   | See Formula Below                  |                       |        |                   | #21 up- 3 1/2" 3-1       |
| Itera TC           | 11    | 98    | See Formula Below                  |                       |        |                   | 3-1                      |
| <u>SWELL ORGAN</u> |       |       |                                    |                       |        |                   |                          |
| te                 | 8     | 73    | 56                                 | 21-1/2                | 2/9    | Sm O.S. Chimneys) |                          |
|                    |       |       |                                    |                       |        | (19-62)           | ) 3-1                    |
|                    |       |       |                                    |                       |        | 18 Zinc S.M.      | )                        |
| n                  | 8     | 80    | CC 54                              | 17-1/2                |        |                   |                          |
|                    |       |       | C 66-1/3                           | 17-1/2                |        |                   |                          |
|                    |       | #56   | 102-2/3                            | 18-1/2                | 2/9    | 17 Zinc S.M.      | 3-1                      |
| n Celeste TC       | 8     | 49    | 56-1/3                             | 17-1/2                | 2/9    | 5 Zinc S.M.       | 3-1                      |
| ncipal             | 4     | 73    | 60-2/3                             | 18-1/2                | 1/4    | 5 Zinc S.M.       | 3-1                      |
| Trompette          | 16    | 80    | 2-1/2"                             | CCC to FF half length |        | Zinc & S.M.       |                          |
|                    |       |       |                                    | FF# up full length    |        | D(F) Eschallots   |                          |
|                    |       |       |                                    |                       |        |                   | 3-1                      |

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## GREAT III-IV MIXTURE FORMULA

|        |        |        |           |       |       |
|--------|--------|--------|-----------|-------|-------|
|        | 15     | 12     | 12        | 12    | 12    |
|        | 19     | 15     | 15        | 15    |       |
|        | 22     | 19     | 19        |       |       |
|        |        | 22     |           |       |       |
|        | 1-32   | 33-46  | 47-51     | 52-57 | 58-61 |
| Unison | 48 Sc. | 17-1/2 | 1/4 mouth | S.M.  |       |
| Quint  | 49 Sc. | 17-1/2 | 1/4 mouth | S.M.  |       |

## GREAT II SESQUIALTERA TC FORMULA

|       |        |        |           |       |
|-------|--------|--------|-----------|-------|
|       |        | 12     |           | 12    |
|       |        | 17     |           | 15    |
|       |        | 13-56  |           | 57-61 |
| 2-2/3 | 68-3/4 | 18-1/2 | 2/9 mouth | S.M.  |
| 2     | 74     | 18-1/2 | 2/9 mouth | S.M.  |
| 1-3/5 | 75-2/3 | 18-1/2 | 1/5 mouth | S.M.  |