

11.135  
*A. R. Daniels*

AR SERIES ORGAN  
EARMARK FOR  
#11135 WESTWOOD PRESBYTERIAN CHURCH, WICHITA, KANSAS  
SPECIFICATIONS OF A SERIES 70-8C ORGAN

2/10  
GENERAL

(1) ORGAN

Great  
Swell  
Wood & Finish  
  
Action  
Wind Pressure  
Pitch

*Superimposed  
Double Decker*  
Rift Sawn Oak. To customer's sample  
Organ layout will be supplied  
Electro-Pneumatic  
See Pipe Analysis  
A-440 @ 70°F

(2) CONSOLE

Cabinet  
Wood & Finish  
Manuals  
Manual Compass  
Pedal Compass  
Stop Controls  
Action

Standard Design  
Rift Sawn Oak. To customer's sample  
Two and Pedal  
CC to C4, 61 notes  
CCC to G, 32 notes  
Tilting Tablets  
All Electric

(3) BLOWER

Type  
Rating  
Current Specifications  
Overall Size

*Mid. 1004, .7 H.P. - 3360 RPM  
500 c.f.m. @ 4" - 6" outlet  
1 Ph - 60 Cy - 110 Volts - 7 Amperes  
14-9/16" L x 11-7/8" W x 11-13/16" H*

(4) POWER UNIT (located in console)

Rating  
Current Specification  
Overall Size

DC Output 10-15 Volts, 30 Amperes  
1 Ph - 60 Cy - 110 Volts 10 Amperes  
14-1/2" L x 10-3/4" W x 7" H

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

|    |        |                                                                                                                        |           |
|----|--------|------------------------------------------------------------------------------------------------------------------------|-----------|
| 1  | 16     | Bourdon .....                                                                                                          | 92 pipes  |
| 2  | 8      | Principal.....                                                                                                         | 80 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      | Super Octave .....from #2....repeat 5 top notes.....                                                                   | 61 notes  |
| 8  | 2      | Flute .....from #1....repeat 5 top notes.....                                                                          | 61 notes  |
| 9  | II-III | Mixture.....                                                                                                           | 126 pipes |
| 10 |        | Chimes.....Mayland tubes & electric actions with canopy<br>relay, transformer & volume control A-#22 to<br>F-#42 ..... | 21 tubes  |
| 11 |        | Tremolo                                                                                                                |           |



SWELL ORGAN (Enclosed)

|    |       |                                                   |          |
|----|-------|---------------------------------------------------|----------|
| 12 | 8     | Rohrflote.....                                    | 73 pipes |
| 13 | 8     | Gemshorn .....                                    | 80 pipes |
| 14 | 8     | Gemshorn Celeste T.C.....                         | 49 pipes |
| 15 | 4     | Spitzprincipal.....                               | 73 pipes |
| 16 | 4     | Rohrflote .....from #12 .....                     | 61 notes |
| 17 | 2     | Spitzoctave.....from #15 .....                    | 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 #2.....          | 32 notes |
| 28 | 4   | Rohrflote.....from #12.....       | 32 notes |
| 29 | III | Mixture.....from #7 & 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 |

COUPLER

33 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5                      Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 stages, 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)  
and related electrical wiring.  
Concave and radiating pedal keyboard  
Organ bench with music shelf  
Music rack light  
Pedal light



## PIPE ANALYSIS

| STOP | PITCH | PIPES | SCALE | HALVING | MOUTH | METAL | WIND PRESSURE |
|------|-------|-------|-------|---------|-------|-------|---------------|
|------|-------|-------|-------|---------|-------|-------|---------------|

GREAT ORGAN

|           |        |     |                                                                                                                          |     |              |  |        |
|-----------|--------|-----|--------------------------------------------------------------------------------------------------------------------------|-----|--------------|--|--------|
| Bourdon   | 16     | 92  | CCC to BBB Reg. Manual Bourdon Wood<br>CC to BB Reg. Artiste Tapered Bass Wood<br>TC up Reg. Artiste Trebles Wood & S.M. |     |              |  | 3-1/2" |
| Principal | 8      | 80  | CC 52 TC 60 18-1/2                                                                                                       | 1/4 | 17 Zinc S.M. |  | 3-1/2" |
| Mixture   | II-III | 126 | See Formula Below                                                                                                        |     | S.M.         |  | 3-1/2" |

SWELL ORGAN

|                     |      |    |                                                       |        |                                |                                               |        |
|---------------------|------|----|-------------------------------------------------------|--------|--------------------------------|-----------------------------------------------|--------|
| Rohrfloete          | 8    | 73 | 56                                                    | 21-1/2 | 2/9                            | S.M. O.S. Chimneys<br>(19-62)<br>18 Zinc S.M. | 3-1/2" |
| Gemshorn            | 8    | 80 | CC 54 17-1/2<br>C 66-1/3 17-1/2<br>#56 102-2/3 18-1/2 | 2/9    | 17 Zinc S.M.                   |                                               | 3-1/2" |
| Gemshorn<br>Celeste | 8 TC | 49 | 56-1/3 @ 8' CC                                        | 17-1/2 | 2/9                            | 5 Zinc S.M.                                   | 3-1/2" |
| Spitzprincipal      | 4    | 73 | 60-3/4                                                | 18-1/2 | 1/4                            | 5 Zinc S.M.                                   | 3-1/2" |
| Contre<br>Trompette | 16   | 80 | 2-1/2" CCC to FF half length<br>FF# 7 up Full length  |        | D(F) Eschallots<br>Zinc & S.M. |                                               | 3-1/2" |

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## GREAT II-III MIXTURE FORMULA

|               |        |           |       |       |
|---------------|--------|-----------|-------|-------|
| 19            | 12     | 12        | 12    | 15    |
| 22            | 19     | 19        |       |       |
|               | 22     |           |       |       |
| 1-37          | 38-49  | 50-53     | 54-56 | 57-61 |
| Unison 47 Sc. | 17=1/2 | 1/4 mouth | S.M.  |       |
| Quint 49 Sc.  | 17-1/2 | 1/4 mouth | S.M.  |       |