

AR SERIES ORGANS  
 BARMARK FOR  
 11026, ST. CYRIL'S CATHOLIC CHURCH, SUGAR CREEK, MO.  
 SPECIFICATIONS OF SERIES 70-6 ORGAN

2/7  
GENERAL

(1) ORGAN

|               |                                    |
|---------------|------------------------------------|
| Great Organ   | Standard Series 70 design          |
| Swell Organ   | Standard Series 70 design          |
|               | Organ layout will be supplied      |
| Wood & Finish | Rift Sawn Oak to customer's sample |
| Action        | Electro-Pneumatic (unit type)      |
| Wind Pressure | Offsets 4-1/2", Trebles 3-1/2"     |
| Pitch         | A-440 @ 70°F                       |

(2) CONSOLE

|                |                                    |
|----------------|------------------------------------|
| Cabinet        | Standard Series 70 design          |
| 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

|                        |                                                       |
|------------------------|-------------------------------------------------------|
| Type                   | <i>Meltinger #1004</i> 3360                           |
| Rating                 | Kinetic <del>2-116</del> H.P., <del>1750</del> R.P.M. |
| Current Specifications | 500 c.f.m. @ 4" 6" outlet                             |
| Overall Size           | 1 Ph - 60 Cy - <del>208</del> Volts - 3.6 Amperes     |
|                        | <del>8' - 5 3/4" x 1' - 10 3/8" x 2' - 6 1/4"</del>   |
|                        | 1' - 7 5/8" x 1' - 9 1/4" x 1' - 11 3/4"              |

(4) POWER UNIT (~~mounted within Swell organ cabinet~~)

|                        |                                                           |
|------------------------|-----------------------------------------------------------|
| Rating                 | DC Output: 10-15 Volts - 30 Amperes                       |
| Current Specifications | AC Input: 1 Ph - 60 Cy - <del>208</del> Volts - 5 Amperes |
| Overall Size           | 14-1/2" long x 10-3/4" wide x 7" high                     |

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CONSOLE AND ORGAN

GREAT ORGAN (unenclosed)

|    |    |                                                    |           |
|----|----|----------------------------------------------------|-----------|
| 1  | 16 | Bourdon.....                                       | 92 pipes  |
| 2  | 8  | Principal.....                                     | 80 pipes  |
| 3  | 8  | Gedackt.....from #1.....                           | 61 notes  |
| 4  | 8  | Gemshorn.....from #13.....                         | 61 notes  |
| 5  | 4  | Octav.....from #2.....                             | 61 notes  |
| 6  | 4  | Gedackt.....from #1.....                           | 61 notes  |
| 7  | 2  | Super Octav.....from #2..(repeat 5 top notes)..... | 61 notes  |
| 8  | 2  | Flute.....from #1..(repeat 5 top notes).....       | 61 notes  |
| 9  | II | Mixture.....                                       | 122 pipes |
| 10 |    | Chimes..... prepared for in console only           |           |
| 11 |    | Tremolo                                            |           |



SWELL ORGAN (enclosed)

|    |       |                                                    |          |
|----|-------|----------------------------------------------------|----------|
| 12 | 8     | Spitzflöte.....(low octave from #13).....          | 68 pipes |
| 13 | 8     | Gemshorn.....                                      | 85 pipes |
| 14 | 4     | Spitzflöte.....from #12.....                       | 61 notes |
| 15 | 2     | Spitzflöte.....from #12..(repeat 5 top notes)..... | 61 notes |
| 16 | 1-1/3 | Larigot.....from #13..(repeat 7 top notes).....    | 61 notes |
| 17 | 16    | Contre Trompette.....                              | 80 pipes |
| 18 | 8     | Trompette.....from #17.....                        | 61 notes |
| 19 | 4     | Clairon.....from #17..(repeat 5 top notes).....    | 61 notes |
| 20 |       | Tremolo                                            |          |

PEDAL ORGAN

|    |     |                                    |          |
|----|-----|------------------------------------|----------|
| 21 | 16  | Bourdon.....from #1.....           | 32 notes |
| 22 | 8   | Principal.....from #2.....         | 32 notes |
| 23 | 8   | Gedackt.....from #1.....           | 32 notes |
| 24 | 8   | Gemshorn.....from #13.....         | 32 notes |
| 25 | 4   | Octav.....from #2.....             | 32 notes |
| 26 | 4   | Spitzflöte.....from #12.....       | 32 notes |
| 27 | III | Mixture.....from #7 & 9.....       | 32 notes |
| 28 | 16  | Contre Trompette.....from #17..... | 32 notes |
| 29 | 8   | Trompette.....from #17.....        | 32 notes |
| 30 | 4   | Clairon.....from #17.....          | 32 notes |

COUPLER

31 Swell to Great

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 ) 1-16 4-1/2"  |
|           |    |     | CC to BB Reg. Artiste Tapered Bass |     |               | Wood ) 17 up 3-1/2" |
|           |    |     | TC up Reg. Artiste Treble          |     |               | Wood & S.M. )       |
| Principal | 8  | 80  | CC 52 TC 60 18                     | 1/4 | 17 Zinc S.M.) | 1-12 4-1/2"         |
|           |    |     |                                    |     |               | ) 13 up 3-1/2"      |
| Mixture   | II | 122 | See Formula Below                  |     | S.M.          | 3-1/2"              |

SWELL ORGAN

|                  |    |    |                      |                       |                                  |               |        |
|------------------|----|----|----------------------|-----------------------|----------------------------------|---------------|--------|
| Spitzflöte T.C.  | 8  | 68 | 60-2/3 @ 4' C        | 19                    | 2/9                              | 5 Zinc S.M.   | 3-1/2" |
| Gemshorn         | 8  | 85 | CC 54- <del>18</del> | 17                    | <sup>1/4</sup><br><del>2/9</del> | 17 Zinc S.M.) |        |
|                  |    |    | #56 102-2/3          | <del>20</del> 18      | 2/9                              | )             | 3-1/2" |
|                  |    |    | C 66-1/3             | 17                    | <sup>1/4</sup>                   |               |        |
| Contre Trompette | 16 | 80 | 2-1/2"               | CCC to FF half length |                                  | )             |        |
|                  |    |    |                      | FF# up full length    |                                  | )             | 3-1/2" |
|                  |    |    |                      | D(F) Eschallots       | Zinc S.M.                        | )             |        |

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## GREAT II MIXTURE FORMULA

|        |             |        |              |      |              |
|--------|-------------|--------|--------------|------|--------------|
|        | 19          |        | 15           |      | 12           |
|        | 22          |        | 19           |      | 15           |
|        | <u>1-49</u> |        | <u>50-56</u> |      | <u>57-61</u> |
| Unison | 50 Sc.      | 18-1/2 | 1/4 mouth    | S.M. |              |
| Quint  | 51 Sc.      | 18-1/2 | 1/4 mouth    | S.M. |              |