

AR SERIES ORGAN
 FARMARK FOR
 #11138 GOOD SHEPHERD LUTHERAN CHURCH, YORK, PA.
 SPECIFICATIONS FOR A SERIES 70-7B ORGAN

2/9

GENERAL

(1) ORGAN

| | |
|---------------|------------------------------------|
| Great Organ | Double Decked, |
| Swell Organ | Exposed Great |
| Wood & Finish | Organ layout will be supplied |
| Action | Rift Sawn Oak to customer's sample |
| Wind Pressure | Electro-Pneumatic (unit type) |
| Pitch | See Pipe Analysis |
| | A-440 @ 70°F |

(2) CONSOLE

| | |
|----------------|--|
| Cabinet | Standard Design |
| Wood & Finish | Rift Sawn Oak, to customer's sample |
| Manual | Two and Pedal |
| Manual Compass | CC to C4, 61 notes - 4 oz. key touch |
| Pedal Compass | CCC to G, 32 notes |
| Stop Controls | Tilting Tablets |
| Action | All Electric with multiple contacts and switches for stops and couplers. |

(3) BLOWER (located below organ platform)

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

(4) POWER UNIT *(located in Swell organ)*

| | |
|------------------------|---|
| Rating | DC Output - 10-15 Volts - 50 Amperes |
| Current Specifications | AC Input - 1 Ph - 60 Cy - 220 Volts 9 Amperes |
| Overall Size | 23-1/2" long x 15-1/2" wide x 10-1/2" high |

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

| | | | |
|----|--------|---|-----------|
| 1 | 16 | Bourdon..... | 92 pipes |
| 2 | 8 | Principal | 80 pipes |
| 3 | 8 | Gedecktfrom #1 | 61 notes |
| 4 | 8 | Gemshornfrom #13 | 61 notes |
| 5 | 4 | Octavefrom #2 | 61 notes |
| 6 | 4 | Gedecktfrom #1..... | 61 notes |
| 7 | 2 | Super Octavefrom #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.....present <i>Diagan M</i> tubes, new electric actions, relay, transformer, and volume control A-#22 to F-#42 | 21 tubes |
| 11 | | Tremolo | |

SWELL ORGAN

| | | | |
|----|-------|---|----------|
| 12 | 8 | Spitzflöte..... (low octave from #13)..... | 73 pipes |
| 13 | 8 | Gemshorn | 85 pipes |
| 14 | 8 | Gemshorn Celeste T.C..... | 49 pipes |
| 15 | 4 | Spitzflötefrom #12 | 61 notes |
| 16 | 2 | Spitzflöte.....from #12 | 61 notes |
| 17 | 1-1/3 | Larigot.....from #13..(repeat 7 top notes)..... | 61 notes |
| 18 | 16 | Contre Trompette | 85 pipes |
| 19 | 8 | Trompettefrom #18..... | 61 notes |
| 20 | 4 | Claironfrom #18 | 61 notes |
| 21 | | Tremolo | |

PEDAL ORGAN

| | | | |
|----|-----|-----------------------------------|----------|
| 22 | 16 | Bourdon.....from #1..... | 32 notes |
| 23 | 8 | Principal.....from #2..... | 32 notes |
| 24 | 8 | Gedecktfrom #1 | 32 notes |
| 25 | 8 | Gemshornfrom #13 | 32 notes |
| 26 | 4 | Octavefrom #2 | 32 notes |
| 27 | 4 | Spitzflöte.....from #12 | 32 notes |
| 28 | III | Mixture.....from #7 & 9..... | 32 notes |
| 29 | 16 | Contre Trompette ...from #18..... | 32 notes |
| 30 | 8 | Trompettefrom #18 | 32 notes |
| 31 | 4 | Claironfrom #18..... | 32 notes |

COUPLERS

| | |
|----|----------------|
| 32 | Great to Pedal |
| 33 | Swell to Pedal |
| 34 | Swell to Great |

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIESMotor and power unit on-off switch (lock type) with indicator light (red jewel)
and related wiring.

Concave and radiating pedal keyboard

Organ bench with music shelf

Music rack (36" long)

Present 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 CC to BB Reg. Artiste Tapered Bass TC up Reg. Artiste Treble | | | Wood Wood 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 | | | | | 3-1/2" |

SWELL ORGAN

| | | | | | | | |
|-----------------------|----|----|---|----------------------------|-----|--------------|--------|
| Spitzflote T.C. | 8 | 73 | 60-2/3 @ 4' C | 19-1/2 | 1/5 | 5 Zinc S.M. | 3-1/2" |
| Gemshorn | 8 | 85 | CC 54 C 66-1/3 #56 102-2/3 | 17-1/2 17-1/2 18-1/2 | 2/9 | 17 Zinc S.M. | 3-1/2" |
| Gemshorn Celeste T.C. | 8 | 49 | 56-1/3 @ 8' C | 17-1/2 | 2/9 | 5 Zinc S.M. | 3-1/2" |
| Contre Trompette | 16 | 85 | 2-1/2" CCC to FF half length FFF up full length D(F) Eschallots | | | Zinc & S.M. | 3-1/2" |

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. | |