

AR SERIES ORGAN
EARMARK FOR

#11560 FIRST PRESBYTERIAN CHURCH, TAYLORVILLE, ILLINOIS
Specifications for a SERIES 70-9B ORGAN

2/13

GENERAL

(1) ORGAN

Great Organ
Swell Organ

Wood & Finish
Action
Wind pressure
Pitch

Birch & Spruce

Exposed & divided
Standard design *with silite ends.*
Layout will be supplied
~~Rift Sawn Oak to customer's sample~~
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 Stain Sample.*
~~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 (located in Blower space)

Type
Wind
Current Specification
Overall Size

2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
440 c.f.m. @ 4"
1 Ph - 60 Cy - 120 Volts - 7.2 Amperes
2' - 5-3/4" x 1' - 10 3/8" x 2' - 6-1/4"

(4) POWER UNIT (located in console)

Rating
Current Specification
Overall Size

DC Output - 10-15 Volts - 30 Amperes
AC Input: 1 Ph - 60 Cy - 120 Volts - 10 amperes
14-1/2" x 10-3/4" x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Exposed & Divided)

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	II	Sesquialtera TC	-----	98 pipes
9	III-IV	Mixture	-----	183 pipes
10		Chimes	-----prepared for in console only	
11		Tremolo		

SWELL ORGAN (Enclosed)

12	8	Rohrflöte -----	73 pipes
13	8	Gemshorn -----	80 pipes
14	8	Gemshorn Celeste TC -----	49 pipes
15	4	Spitzprincipal -----	73 pipes
16	4	Rohrflöte -----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	Principal -----12 pipes, 20 from #2 -----	32 notes
24	16	Bourdon -----from #1 -----	32 notes
25	8	Principal -----from #2 -----	32 notes
26	8	Gedeckt -----from #1 -----	32 notes
27	8	Gemshorn -----from #13 -----	32 notes
28	4	Octave -----from #2 -----	32 notes
29	4	Rohrflöte -----from #12 -----	32 notes
30	III	Mixture -----from #9 -----	32 notes
31	16	Contre Trompette -----from #19 -----	32 notes
32	8	Trompette -----from #19 -----	32 notes
33	4	Clairon -----from #19 -----	32 notes

COUPLER

34 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-56

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, make to close)

Balanced Crescendo Pedal with indicator light (green jewel)

ACCESSORIES

Motor and power unit on-off switch (lock type) with indicator light (amber jewel)

Concave, radiating pedal clavier

Organ bench with music shelf

Music rack

Music rack light

Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	97	CCC to BBB Reg. Manual Bourdon 56	21-1/2	2/9	Wood 17 Zinc C.M.)	3-1/2"
Principal	8	73	48	18-1/2	1/4	19 Zinc S.M.	3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"
Sesquialtera TC	I	98	See Formula Below				3-1/2"

SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	SM O.S. Chimneys 19-52	3-1/2"
Gemshorn	8	80	CC 56 C 68-1/2 #56 98	19-1/2 19-1/2 17-1/2	2/9 2/9 1/6	17 Zinc S.M.	3-1/2"
Gemshorn Celeste TC	8	49	56-1/2 @ 8'	CC 19-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"
Contre Trompette	16	80	3" CCC to FF half length FF# up full length D(F) Eschallots			Zinc & S.M.	3-1/2"

PEDAL ORGAN

Principal	16	12	36	18-1/2	1/4	Zinc	3-1/2"
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GREAT III-IV MIXTURE FORMULA

15	12	12	12	12
19	15	15	15	
22	19	19		
	22			

1-37	38-49	50-54	55-56	57-61
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Unison	47 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	10
17	12
13-56	57-61

2-2/3	74 Sc. @ #13	17-1/2	2/8 mouth S.M. (Pull in 6 scales between 50-61)
1-3/5	82 Sc. @ #13	17-1/2	1/5 mouth S.M. (Pull in 6 scales between 45-56, break at 57)