

AR SERIES ORGAN
 EARMARK FOR
 #11573, FIRST PRESBYTERIAN CHURCH, FINLEYVILLE, PENNSYLVANIA
 SPECIFICATIONS FOR A SERIES 70-9B ORGAN

2113
GENERAL

(1) ORGAN

Great Organ & 16 Principal Swell Organ	Chamber installation, no cabinet Standard design without grille Layout will be supplied
Wood & Finish	Silvite Charcoal Brown
Action	Electro-Pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard design with rolltop
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-2118 - 3/4 HP - 1750 RPM - 8" outlet
Wind	520 C.F.M. @ 4"
Current Specification	1 Ph - 60 Cy - 240 Volts - 3.6 Amperes
Overall Size	2' - 9-3/4" 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 Specification	AC Input: 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	14-1/2" x 10-3/4" x 7"

CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed)

1	16	Bourdon.....	97 pipes
2	8	Principal.....	73 pipes
3	8	Gedecktfrom #1	61 notes
4	8	Genshorn.....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 T.C.....	98 pipes
9	III-IV	Mixture.....	183 pipes
10		Chimes....present Deagan 'D' tubes, new electric action, relay, transformer & volume control, A to F, #22-#42	21 tubes
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflöte.....	73 pipes
13	8	Gemshorn	80 pipes
14	8	Gemshorn Celeste T.C.....	49 pipes
15	4	Spitzprincipal.....	73 pipes
16	4	Rohrflötefrom #12	61 notes
17	2	Spitzoctave.....from #15	61 notes
18	1-1/3	Larigotfrom #13..(repeat 12 top notes).....	61 notes
19	16	Contre Trompette.....	80 pipes
20	8	Trompettefrom #19	61 notes
21	4	Claironfrom #19..(repeat 5 top notes).....	61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Principal.....12 pipes, 20 from #2.....	32 notes
24	16	Bourdonfrom #1	32 notes
25	8	Principal.....from #2	32 notes
26	8	Gedeckt.....from #1	32 notes
27	8	Gemshornfrom #13.....	32 notes
28	4	Octavefrom #2	32 notes
29	III	Mixturefrom #9	32 notes
30	16	Contre Trompette...from #19	32 notes
31	8	Trompette.....from #19	32 notes
32	4	Claironfrom #19	32 notes

COUPLERS

33 Swell to Great

ADJUSTABLE COMBINATIONS

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

Affecting Full Organ

General Cancel

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 (toggle type) with indicator light

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	
GREAT ORGAN								
Bourdon	16	97	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Taper Bass TC 68 21-1/2 2/9			Wood) Wood) 5 Zinc C.M)	1-16 4-1/2" 17 up 3-1/2"	
Principal	8	73	CC 52 TC 60	18-1/2	1/4	19 Zinc S.M)	1-12 4-1/2" 13 up 3-1/2"	
Mixture	III-IV	183	See Formula Below					3-1/2"
Sesquialtera TC	II	98	See Formula Below					3-1/2"
SWELL ORGAN								
Rohrflote	8	73	56	21-1/2	2/9	Sm. O.S.Chimneys (19-62) 18 Zinc C.M.	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	CCC 36 CC 52	18-1/2	1/4	Zinc	4-1/2"	

GREAT III-IV MIXTURE FORMULA								
	15	12	12	12	12	12		
	19	15	15	15	15			
	22	19	19					
		22						
	1-37	38-49	50-54	55-56	57-61			
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.				
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.				
GREAT II SESQUIALTERA TC FORMULA								
	12	10						
	17	12						
	13-56	57-61						
2-2/3	74 Sc. e #13	17-1/2	2/9 mouth	S.M.	(Pull in 6 scales between 50-61)			
1-3/5	82 Sc. e #13	17-1/2	1/5 mouth	S.M.	(Pull in 6 scales between 45-56, break at 57)			