

AR SERIES ORGAN
 EARMARK FOR
 #11513, PRINCE OF PEACE LUTHERAN CHURCH, FARMINGTON HILLS, MICHIGAN
 SPECIFICATIONS FOR A SERIES 70-9B ORGAN

GENERAL

(1) ORGAN

Great and Swell Organ	Chamber installation - no cabinets
Pedal 16 Principal	Exposed - provide enclosure
	Layout will be provided
Wood & Finish	Rift Sawn Oak to customer's sample
Action	Electro-Pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design with roll top
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	Kinetic 2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	520 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 240 Volts - 3.6 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

(4) POWER UNIT (located in console)

Rating	DC Output: 10-15 Volts, 30 Amperes
Current Specifications	AC Input: 1 Ph - 60 Cy - 120 Volts - 10 Amperes
Overall Size	1' - 2-1/2" long x 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Unenclosed)

1	16	Bourdon-----	97 pipes
2	8	Principal -----	73 pipes
3	8	Gedeckt -----from #1-----	61 notes
4	8	Viole de Gambe -----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	Rohrflote-----	73 pipes
13	8	Viole de Gambe -----	80 pipes
14	8	Viole Celeste TC -----	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	Principal-----	56 pipes
24	16	Bourdon-----from #1 -----	32 notes
25	8	Principal -----from #23 -----	32 notes
26	8	Gedeckt -----from #1 -----	32 notes
27	8	Viole de Gambe -----from #13 -----	32 notes
28	4	Principal -----from #23 -----	32 notes
29	4	Rohrflote -----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
General Cancel

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 (toggle type) with indicator light (amber jewel)
and related wiring.
Concave and radiating pedal keyboard
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 Tapered 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	II TC	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"
Viole de Gambe	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"
Viole Celeste	8 TC	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	56	CCC to BBB Reg. Contrabasse; CC 46	18-1/2	1/4	Wood 17 Zinc S.M.	3-1/2"

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
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 2/9 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 @ 57)