

AR SERIES ORGAN

EARMARK FOR

#11402, PRINCE OF PEACE LUTHERAN CHURCH, MINNEAPOLIS, MINNESOTA
 SPECIFICATIONS FOR A SERIES 70-9A ORGAN

2/12
GENERAL

1) ORGAN

Great & Pedal Organ	Exposed, provide enclosures
Swell Organ	Standard design
	Layout will be supplied
Wood & Finish	Rift sawn oak-M-4150-2
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 - M-4150-2
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 below Swell Organ)

Type	2-P-2118 - 3/4 HP - 1750 RPM - 8" outlet
Wind	520 c.f.m. @ 4"
Current Specification	1 ph - 60 cy - 110 volts - 7.2 Amperes
Overall Size	2' - 9-3/4" x 1' - 10-3/8" x 2' - 6-1/4"

4) POWER UNIT (located below Swell Organ)

Rating	DC Out put - 10-15 Volts - 30 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" x 10-3/4" x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

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	III-IV	Mixture -----	183 pipes
9	4	Trichter Regal -----	61 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	III	Mixture-----from #8 -----	32 notes
30	16	Contre Trompette -----from #19 -----	32 notes
31	8	Trompette -----from #19 -----	32 notes
32	4	Trichter Regal -----from #9 -----	32 notes

COUPLERS

33 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5-6 Affecting Full Organ (No. 5 & 6 duplicated by toe levers)

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
Movable console platform

PIPE ANALYSIS

TOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE	
<u>GREAT ORGAN</u>								
Bourdon	16	97	CCC to BBB	Reg. Manual	Bourdon	Wood		
			56	21-1/2	2/9	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	183	See Formula Below					3-1/2"
Flüchter Regal	4	61	2-1/2" Brass tube, funnel top			D(F) Eschallots	3-1/2"	
<u>SWELL ORGAN</u>								
Flüßflöte	8	73	56	21-1/2	2/9	Sm O.S. Chimneys 19-62 18 Zinc C.M.	3-1/2"	
Flüßhorn	8	80	CC 56	19-1/2	2/9			
			C 68-1/2	19-1/2	2/9	17 Zinc S.M.	3-1/2"	
			#56 98	17-1/2	1/6			
Flüßhorn Celeste TC 8		49	56-1/2 @ 8'	CC 19-1/2	2/9	5 Zinc S.M.	3-1/2"	
Flüßprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"	
Flüß Trompette 16		80	3"	CCC to FF half length FF# up full length D(F) Eschallots		Zinc & S.M.	3-1/2"	
<u>PEDAL ORGAN</u>								
Principal	16	12	36	18-1/2	1/4	Zinc	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.	