

AR SERIES ORGAN
 BARMARK FOR
 #11031, PRINCE OF PEACE LUTHERAN CHURCH, ROSEVILLE, MINNESOTA
 248+1
 SPECIFICATIONS FOR A SPECIAL SERIES 70-6 ORGAN

GENERAL

(1) ORGAN

Great Organ	Double decked, Great exposed,
Swell Organ	provide special cabinet
	Layout will be supplied
Wood & Finish	Rift Sawn Oak M-4150-2
Action	Electro-Pneumatic (unit type)
Wind Pressure	Offsets 4-1/2", Trebles 3-1/2"
Pitch	A-440 @ 70°F

Handwritten note: 10422-10420

(2) CONSOLE

Cabinet	Standard Design with roll top
Wood & Finish	Rift Sawn Oak M-4150-2
Manual	Two and Pedal
Manual Compass	CC to C4, 61 notes
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

Handwritten note: ~~Standard Electric Pedal~~
~~Standard~~

(3) BLOWER (located ^{under} ~~in~~ Swell Organ)

Type	Waldinger 1004 - .7 HP - 3360 RPM
Rating	500 c.f.m. @ 4" - 5-1/2" outlet
Current Specifications	1 Ph -60 Cy - 110 Volts - 7 Amperes
Overall Size	1' - 9-1/4" x 1' - 7-5/8" x 1' - 11-3/4" high

(4) POWER UNIT (located ^{under} ~~in~~ Swell Organ ~~space~~)

Rating	DC Output- 10-15 Volts - 30 Amperes
Current Specifications	AC Input - 1 Ph -60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" long x 10-3/4" wide x 7" high

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

1	16	Bourdon.....	92 pipes
2	8	Principal.....	80 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	Super Octave.....	from #2..(repeats 5 top notes).... 61 notes
8	2	Flute.....	from #1..(repeats 5 top notes).... 61 notes
9	II-III	Mixture.....	126 pipes
10		Chimes.....(prepared for in console only)	
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Spitzflöte.....(low octave from #13).....	68 pipes
13	8	Gemshorn.....	85 pipes
14	8	Gemshorn Celeste TC.....console only	
15	4	Spitzflöte.....from #12.....	61 notes
16	2	Spitzflöte.....from #12...(repeat 5 top notes)....	61 notes
17	1-1/3	Larigot.....from #13...(repeat 7 top notes)....	61 notes
18	16	Contre Trompette.....	80 pipes
19	8	Trompette.....from #18.....	61 notes
20	4	Clarion.....from #18...(repeat 5 top notes)....	61 notes
21		Tremolo	

PEDAL ORGAN

22	16	Bourdon.....from #1.....	32 notes
23	8	Principal.....from #2.....	32 notes
24	8	Gedeckt.....from #1.....	32 notes
25	8	Gemshorn.....from #13.....	32 notes
26	4	Octave.....from #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	Trompette.....from #18.....	32 notes
31	4	Clarion.....from #18.....	32 notes

COUPLERS

32 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Swell Organ (8 contacts, reverse system)
 Balanced Crescendo Pedal with indicator light (Green jewel)

ACCESSORIES

Motor and power unit on-off switch (toggle type) with indicator light (red jewel)
 and related wiring.
 Concave and radiating pedal keyboard
 Organ bench with music shelf
 Music rack light
 Pedal light

PIPE ANALYSIS

	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
n	16	92	CCC to BBB Reg. Manual Bourdon			Wood	) 1-12 4-1/2"
			CC 56	20-1/2	2/9	17 Zinc S.M.)	13 up 3-1/2"
pal	8	80	48	18-1/2	1/4	17 Zinc S.M.)	1-9 4-1/2"
							10 up 3-1/2"
e	II-III	126	See Formula Below				3-1/2"
<u>SWELL ORGAN</u>							
lote T.C.	8	68	60-2/3 @ 4'C	19-1/2	2/9	5 Zinc S.M.	3-1/2"
rn	8	85	CC 54 2/3	17-1/2	1/4	17 Zinc S.M.	
			#56 102-2/3	18-1/2	2/9		3-1/2"
			C 66 1/3	17-1/2	1/4		
Trompette	16	80	2-1/2" CCC to FF half length				
			FF# up full length				
			D(F) Eschallots			Zinc & S.M.	3-1/2"

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GREAT II-III MIXTURE FORMULA

19	12	12	12	15
22	19	19		
	22			

1-32	33-46	47-51	52-56	57-61
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Unison	48 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.