

AR SERIES ORGAN
 EARMARK FOR
 11459 CROSS OF CALVARY LUTHERAN CHURCH, OLIVIA, MINNESOTA
 SPECIFICATIONS FOR A SERIES 70-8B ORGAN

211

GENERAL

(1) ORGAN

Great & Pedal Organ	Exposed & Divided, provide enclosures
Swell Organ	Standard design
	Layout will be supplied
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 below Swell Organ)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	400 c.f.m. @ 4"
Current Specification	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	2' - 5-3/4" 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 - 110 Volts - 10 Amperes
Overall Size	14-1/2" x 10-3/4" x 7" high

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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 #14 -----	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	8	Trompette en Chamade (prepared for in console only)	
11		Chimes---Mayland tubes and electric actions, provide relays, transformer & volume control A to F, #22 to #42---	21 tubes
12		Tremolo	

SWELL ORGAN (Enclosed)

13	8	Spitzflöte-----#1-12 from #14-----73 pipes
14	8	Gemshorn-----85 pipes
15	8	Gemshorn Celeste TC -----49 pipes
16	4	Spitzflöte-----from #13-----61 notes
17	2	Spitzflöte-----from #13-----61 notes
18	1-1/3	Larigot -----from #14--(repeat 7 top notes)-----61 notes
19	16	Contre Trompette -----85 pipes
20	8	Trompette-----from #19 -----61 notes
21	4	Clairon -----from #19 -----61 notes
22	8	Trompette en Chamade (prepared for in console only)
23		Tremolo

PEDAL ORGAN

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 #14-----32 notes
28	4	Octave-----from #2 -----32 notes
29	4	Spitzflöte-----from #13-----32 notes
30	III	Mixture -----from #8-----32 notes
31	16	Contre Trompette---from #19-----32 notes
32	8	Trompette-----from #19 -----32 notes
33	4	Clairon Trichter---from #9-----32 notes

COUPLERS

34 Swell to Great

ADJUSTABLE COMBINATIONS

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

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)

Concave, radiating pedal clavier

Organ bench with music shelf

Wood Music rack

Music rack light

Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
<u>GREAT ORGAN</u>							
Bourdon	16	97	CCC to BBB Reg. Manual Bourdon			Wood	
			CC to BB Reg. Artiste Tapered Bass			Wood	3-1/2"
			TC 68	21-1/2	2/9	5 Zinc C.M.	
			CC 56			17	
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"
Trichter Regal	4	61	2-1/2"	Brass tube, funnel top		D(F) Eschallots	3-1/2"
<u>SWELL ORGAN</u>							
Spitzflöte	8 TC	73	60-2/3 @ 4' C	19-1/2	1/5	5 Zinc C.M.	3-1/2"
Gemshorn	8	85	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		
Gemshorn Celeste	TC 8	49	56-1/2 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Contre Trompette	16	85	3"	CCC to FF half length FF# up full length		D(F) Eschallots 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.	