

AR SERIES ORGAN  
 EARMARK FOR  
 #11084, IMMANUEL LUTHERAN CHURCH, PRESTON, MARYLAND  
 SPECIFICATION OF A SERIES 70-8C ORGAN

2/10  
GENERAL

1) ORGAN

Great	Exposed, Supply Enclosure
Swell	Standard Design
Wood & Finish	Rift Sawn Oak, #M-4150-2
	Organ layout will be supplied
Action	Electro-Pneumatic
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

2) CONSOLE

Cabinet	Standard Design
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

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Rating	500 c.f.m. @ 4" <sup>220</sup>
Current Specification	1 Ph - 60 Cy - <del>110</del> <sup>220</sup> Volts - <del>7.2</del> <sup>3.6</sup> Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

4) POWER UNIT (located in Blower Room)

Rating	DC Output 10-15 Volts, 30 Amperes <sup>5</sup>
Current Specification	1 Ph - 60 Cy - <del>120</del> <sup>220</sup> Volts - <del>10</del> Amperes
Overall Size	14-1/2" L x 10-3/4" W x 7" H

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CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

16	Bourdon.....	92 pipes
8	Principal .....	80 pipes
8	Gedeckt.....from #1.....	61 notes
8	Gemshorn .....	61 notes
4	Octave .....	61 notes
4	Gedeckt .....	61 notes
2	Super Octave.....from #2 ..repeat 5 top notes.....	61 notes
2	Flute.....from #1.....repeat 5 top notes.....	61 notes
11-111	Mixture .....	126 pipes
	Chimes.....Mayland tubes & electric actions with canopy, relay, transformer & volume control A-#22 to F-#42 .....	21 tubes

Tremolo

SWELL ORGAN (Enclosed)

8	Rohrflote.....	73	pipes
8	Gemshorn .....	80	pipes
8	Gemshorn Celeste TC.....	49	pipes
4	Spitzprincipal.....	73	pipes
4	Rohrflote .....from #12.....	61	notes
2	Spitzoctave.....from #15.....	61	notes
1-1/3	Larigot .....from #13..(repeat 12 top notes).....	61	notes
16	Contre Trompette.....	80	pipes
8	Trompette.....from #19 .....	61	notes
4	Clairon.....from #19..(repeat 5 top notes).....	61	notes
	Tremolo		

PEDAL ORGAN

16	Bourdon .....from #1.....	32	notes
8	Principal.....from #2.....	32	notes
8	Gedeckt .....from #1 .....	32	notes
8	Gemshorn.....from #13 .....	32	notes
4	Octave .....from #2.....	32	notes
4	Rohrflote.....from #12 .....	32	notes
111	Mixture .....from #7 & 9 .....	32	notes
16	Contre Trompette.....from #19 .....	32	notes
8	Trompette .....from #19 .....	32	notes
4	Clairon.....from #19 .....	32	notes

COUPLER

Swell to Great

ADJUSTABLE COMBINATIONS

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

Affecting Full Organ

PEDAL MOVEMENTS

cad Expression Pedal - Swell Organ (8 stages, reverse system)  
cad Crescendo Pedal with Indicator light (green jewel)

ACCESSORIES

and power unit on-off switch (lock type) with indicator light (red jewel)  
nd related electrical wiring.  
ve and radiating pedal keyboard  
bench with music shelf  
rack light  
light  
orm and paneling for Swell organ cabinet

PIPE ANALYSIS

	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND
<u>GREAT ORGAN</u>							
on	16	92	CCC to BBB Reg. CC 56	Manual Bourdon 20-1/2	2/9	Wood 17 Zinc S.M.	
pal	8	80	CC 52 TC 60	18-1/2	1/4	17 Zinc S.M.	
re	11-111	126	See Formula Below				S.M.
<u>SWELL ORGAN</u>							
tte	8	73	56	21-1/2	2/9	S.M. O.S. Chimneys (19-62) 18 Zinc S.M.	
orn	8	80	CC 54 C 66-1/3 #56 102-2/3	17-1/2 17-1/2 18-1/2	2/9	17 Zinc S.M.	
orn te	8 TC	49	56-1/3 @ 8'	CC 17-1/2	2/9	5 Zinc S.M.	
principal	4	73	60-3/4	18-1/2	1/4	5 Zinc S.M.	
e ette	16	80	2-1/2"	CCC to FF half length FF# 7 up Full length		D(F) Eschallots Zinc & S.M.	

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GREAT 11-111 MIXTURE FORMULA

19	12	12	12	15
22	19	19		
	22			
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1-32	33-46	47-51	52-56	57-61

Unison 48 Sc. 17-1/2 1/4 mouth S.M.  
 Quint 49 Sc. 17-1/2 1/4 mouth S.M.