

AR SERIES ORGAN
 EARMARK FOR
 #11111 - LUTHERAN CHURCH OF THE REDEEMER, McLEAN, VA.
 SPECIFICATIONS FOR A SERIES 70-6 ORGAN

2/2

GENERAL

(1) ORGAN

Great Organ	Double Decked, Exposed Great
Swell Organ	Layout will be supplied
Wood & Finish	Rift Sawn Oak, to customer's sample
Action	Electro-Pneumatic (unit type)
Wind Pressure	See Pipe Analysis
Pitch	A-440 @ 70°F

(2) CONSOLE

Cabinet	Standard Design, <i>Revised</i>
Wood & Finish	Rift Sawn Oak to customer's sample
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

(3) BLOWER (located under Swell Organ)

Type	2-P-2116 - 1/2 HP - 1750 RPM
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specifications	1 Ph - 60 Cy - 120 Volts - 7.2 Amperes
Overall Size	2'-5-3/4" long x 1' - 10-3/8" wide 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	14-1/2" long x 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Enclosed)

1	16	Bourdon.....	92 pipes
2	8	Principal.....	80 pipes
3	8	Gedecktfrom #1	61 notes
4	8	Gemshornfrom #13	61 notes
5	4	Octavefrom #2.....	61 notes
6	4	Gedecktfrom #1	61 notes
7	2	Super Octavefrom #2..(repeats 5 top notes).....	61 notes
8	2	Flutefrom #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	4	Spitzflöte.....	from #12.....	61	notes
15	2	Spitzflöte	from #12..(repeat 5 top notes).....	61	notes
16	1-1/3	Larigot	from #13..(repeat 7 top notes).....	61	notes
17	16	Contre Trompette	80	pipes
18	8	Trompette.....	from #17.....	61	notes
19	4	Clarion	from #17..(repeat 5 top notes).....	61	notes
20		Tremolo			

PEDAL ORGAN

21	16	Bourdon.....	from #1	32	notes
22	8	Principal.....	from #2	32	notes
23	8	Gedeckt	from #1	32	notes
24	8	Gemshorn	from #13	32	notes
25	4	Octave	from #2	32	notes
26	4	Spitzflöte.....	from #12	32	notes
27	III	Mixture	from #7 & 9.....	32	notes
28	16	Contre Trompette.....	from #17.....	32	notes
29	8	Trompette	from #17	32	notes
30	4	Clarion	from #17	32	notes

COUPLER

31 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3

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 (lock 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

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	METAL	WIND PRESSURE
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GREAT ORGAN

Bourdon	16	92	CCC to BBB CC 56	Reg. Manual 20-1/2	Bourdon 2/9	Wood) 17 Zinc S.M.)	3-1/2"
Principal	8	80	48	18-1/2	1/4	17 Zinc S.M.)	3-1/2"
Mixture	II-III	126	See Formula Below				3-1/2"

SWELL ORGAN

Spitzflote T.C.	8	68	60-2/3 @ 4'C	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Gemshorn	8	85	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.	3-1/2"
Contre 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			
	1-37	38-49	50-53	54-56	57-61
Unison	47 Sc.	17-1/2	1/4 mouth	S.M.	
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.	