

AR SERIES ORGAN
 EARMARK FOR
 #11549, FIRST BAPTIST CHURCH, MARTINSBURG, WEST VIRGINIA
 SPECIFICATIONS FOR A SERIES 70-7B ORGAN

2/10

GENERAL

(1) ORGAN

Great Organ	Exposed, <i>provide paneling</i>
Swell Organ	Standard design
	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 with roll top
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 with under-key contacts for stops and couplers.

(3) BLOWER (located in Blower space)

Type	Kinetic 2-P-2116 - 1/2 HP - 1750 RPM- 6" outlet
Wind	440 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 208 Volts - 5.6 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 organ)

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 (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--(repeat 5 top notes) -----61 notes
8	2	Flute -----	from #1--(repeat 5 top notes) -----61 notes
9	III-IV	Mixture -----	-----183 pipes
10		Chimes----(present tubes, <i>Deagan M</i> new electric actions, relay, <i>and transformer</i>	
		<i>and volume control A to F, #22 to #42</i>	-----21 tubes
11		Tremolo	<i>provide new top F</i>

SWELL ORGAN (Enclosed)

12	8	Rohrflöte-----	85 pipes
13	8	Gemshorn -----	80 pipes
14	8	Gemshorn Celeste T.C.-----	49 pipes
15	4	Rohrflöte -----from #12 -----	61 notes
16	4	Gemshorn -----from #13 -----	61 notes
17	2	Rohrflöte -----from #12 -----	61 notes
18	1-1/3	Larigot -----from #13--(repeat 7 top notes) -----	61 notes
19	1	Sifflöte-----from #12--(repeat 12 top notes)-----	61 notes
20	16	Contre Trompette -----	80 pipes
21	8	Trompette -----from #20 -----	61 notes
22	4	Clairon -----from #20--(repeat 5 top notes) -----	61 notes
23		Tremolo	

PEDAL ORGAN

24	32	Untersatz ----- from #2 <i>(-12 as 10-2B) from #1</i> -----	32 notes
25	16	Principal -----12 pipes, 20 from #2 -----	32 notes
26	16	Bourdon -----from #1 -----	32 notes
27	8	Principal-----from #2 -----	32 notes
28	8	Rohrflöte -----from #12 -----	32 notes
29	4	Octave -----from #2 -----	32 notes
30	4	Gedackt -----from #1 -----	32 notes
31	16	Contre Trompette-----from #20-----	32 notes
32	4	Clairon -----from #20 -----	32 notes

COUPLERS

33	Great to Pedal
34	Swell to Pedal
35	Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4-5
General Cancel

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 (red jewel)
and related wiring.
Concave and radiating pedal keyboard
Organ bench with music shelf
Music rack
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 Reg. Manual Bourdon			5 Wood 1-24 4-1/2"	
			TC 56 TC 68 21-1/2 2/9			15 Zinc C.M. 3-1/2"	
Principal	8	80	48 18-1/2 1/4			19 Zinc S.M. 1-13 4-1/2"	
Mixture	III-IV	183	See Formula Below				3-1/2"

SWELL ORGAN

Rohrflöte	8	85	56 21-1/2 2/9			SM O.S. Chimneys (#19-#62)	
						18 Zinc, C.M.	3-1/2"
Gemshorn	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				
Gemshorn Celeste TC	8	49	56-1/2 @ 8' C 19-1/2 2/9			5 Zinc S.M.	3-1/2"
Contre Trompette	16	80	3" CCC to FF half length			D(F) Eschallots	
			FF# un full length			Zinc & S.M.	3-1/2"

PEDAL ORGAN

Principal	16	12	36 18-1/2 1/4			Zinc	4-1/2"
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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.	