

AR SERIES ORGANS
 EARMARK FOR
 #11097, FIRST BAPTIST CHURCH, CALHOUN, GEORGIA
 SPECIFICATIONS FOR A SERIES 70-9B ORGAN

2/13
GENERAL

(1) ORGAN

Great Organ
 Swell Organ
 Wood & Finish
 Action
 Wind Pressure
 Pitch

Exposed
 Standard Series 70 Design *Cherry*
~~Fir Plywood, Bull Charcoal~~ *To Customer's Sample*
 Electro-Pneumatic (unit type)
 See Pipe Analysis
 A-440 @ 70°F

(2) CONSOLE

Cabinet
 Wood & Finish
 Manuals
 Manual Compass
 Pedal Compass
 Stop Controls
 Action

Cherry Standard Design, *revised*
 To customer's sample
 Two and Pedal
 CC to C4, 61 notes
 CCC to G, 32 notes
 Tilting Tablets
 All Electric

(3) BLOWER (located in *Organ Chamber*
~~blower space~~)

Type
 Rating
 Current Specification
 Overall Size

Kinetic Style 2-P-2116 - 1/2 HP - 1725 RPM - 6" outlet
 500 c.f.m. @ 4"
 1 Ph - 60 Cy - 110 Volts 7.2 Amperes
 2' - 5-3/4" x 1' - 10-3/8" x 2' - 4-3/8" high

(4) POWER UNIT (mounted in console)

Rating
 Current Specification
 Overall Size

DC Output: 10-15 Volts, 30 Amperes
 AC Input: 1 Ph - 60 Cy - 110 Volts = 10 Amperes
 1' - 2-1/2" long x 10-3/4" wide x 7" high

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 #13.....	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	II	Sesquialtera TC.....	98 pipes
10		Chimes.....Mayland tubes & electric actions, relay, transformer, & volume control A-#22 to F-#42.....	21 tubes
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrflote.....	73 pipes
13	8	Gemshorn	80 pipes
14	8	Gemshorn Celeste TC.....	49 pipes
15	4	Spitzprincipal	73 pipes
16	4	Rohrflotefrom #12	61 notes
17	2	Spitzoctav.....from #15	61 notes
18	1-1/3	Larigotfrom #13..(repeat 12 top notes).....	61 notes
19	16	Contre Trompette.....	80 pipes
20	8	Trompette.....from #19	61 notes
21	4	Claironfrom #19..(repeat 5 top notes).....	61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Bourdonfrom #1	32 notes
24	8	Principalfrom #2	32 notes
25	8	Gedecktfrom #1	32 notes
26	8	Gemshornfrom #13	32 notes
27	4	Octavefrom #2	32 notes
28	4	Rohrflote..... from #12	32 notes
29	111	Mixture.....from #8	32 notes
30	16	Contre Trompettefrom #19	32 notes
31	8	Trompettefrom #19	32 notes
32	4	Claironfrom #19	32 notes

COUPLER

33 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, 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	97	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Tapered Bass TC up Reg. Artiste Treble			Wood) Wood) Wood & S.M.)	3-1/2"
Principal	8	73	CC 52-60 48	18-1/2	1/4	17 Zinc S.M.)	3-1/2"
Mixture	III-IV	183	See Formula Below				3-1/2"
Sesquialtera	II TC	98	See Formula Below				3-1/2"

SWELL ORGAN

Rohrflote	8	73	56	21-1/2	2/9	SM O.S. Chimneys #19-#62 18 Zinc S.M.	3-1/2"
Gemshorn	8	80	CC 54 C 66-1/3 #56 102-2/3	17-1/2 17-1/2 20-1/2	2/9	17 Zinc S.M.	3-1/2"
Gemshorn Celeste	8 TC	49	56-1/3 @ 8'	CC 17-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	5 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"

GREAT III-IV MIXTURE FORMULA

15	12	12	12	12
19	15	15	15	
22	19	19		
	22			
1-32	33-46	47-51	52-57	58-61
1-37	38-49	50-54	55-56	57-61
Unison	48 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.

GREAT II SESQUIALTERA TC MIXTURE FORMULA

	12	12
	17	15
	13-56	57-61
2-2/3	68-3/4	18-1/2 2/9 mouth S.M.
2	74	18-1/2 2/9 mouth S.M.
1-3/5	75-2/3	18-1/2 1/5 mouth S.M.