

AR SERIES ORGAN
#11387 FIRST BAPTIST CHURCH, CHATTANOOGA, TENNESSEE
SPECIFICATIONS OF SERIES 70-8C ORGAN

2/10

GENERAL

(1) ORGAN

Organ	Exposed Great - double-decked
	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
Wood & Finish	Rift Sawn Oak to customer's sample
Manuals	Two and Pedal
Manual Compass	CC to C4, 61 notes - Tracker Touch
Pedal Compass	CCC to G, 32 notes
Stop Controls	Tilting Tablets
Action	All Electric

(3) BLOWER

Type	2-P-2118 - 3/4 HP - 1750 RPM - 8" outlet
Wind	400 c.f.m. @ 4"
Current Specifications	1 Ph - 60 Cy - 208 Volts - 3.6 Amperes
Overall Size	2' - 9-3/4" x 1' - 10-3/8" x 2' - 6-1/4" high

(4) POWER UNIT (located *below organ* ~~in console~~)

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

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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	II-III	Mixture	126 pipes
10		Chimes	(prepared for in console only)
11		Tremolo	

SWELL ORGAN (Enclosed)

12	8	Rohrf18te	73 pipes
13	8	Gemshorn	80 pipes
14	8	Gemshorn Celeste T.C.	49 pipes
15	4	Spitzprincipal	73 pipes
16	4	Rohrf18te	from #12 61 notes
17	2	Spitzoctave	from #15 61 notes
18	1-1/3	Larigot	from #13--(repeat 12 top notes)-- 61 notes
19	16	Contre Trompette	80 pipes
20	8	Trompette	from #19 61 notes
21	4	Clairon	from #19--(repeat 5 top notes)-- 61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Bourdon	from #1 32 notes
24	8	Principal	from #2 32 notes
25	8	Gedackt	from #1 32 notes
26	8	Gemshorn	from #13 32 notes
27	4	Octave	from #2 32 notes
28	4	Rohrf18te	from #12 32 notes
29	III	Mixture	from #7 & 9 32 notes
30	16	Contre Trompette	from #19 32 notes
31	8	Trompette	from #19 32 notes
32	4	Clairon	from #19 32 notes
33		Chimes	---(prepared for in console only)

COUPLER

34 Swell to Great

ADJUSTABLE COMBINATIONS

Pistons No. 1-2-3-4

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 (amber jewel)
 and related electrical 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
<u>GREAT ORGAN</u>							
Bourdon	16	92	CCC to BBB Reg. Manual Bourdon			Wood)	
			CC to BB Reg. Artiste Tapered Base			Wood)	3-1/2"
			TC 68 CC 56	21-1/2	2/9	17 1/2 Zinc C.M.)	
Principal	8	80	48	18-1/2	1/4	20 1/2 Zinc S.M.	3-1/2"
Mixture	II-III	126	See Formula Below			S.M.	3-1/2"
<u>SWELL ORGAN</u>							
Rohrflote	8	73	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	17 Zinc S.M.	3-1/2"
			C 68-1/2	19-1/2	2/9		
			#56 98	17-1/2	1/6		
Gemshorn Celeste	8 TC	49	56-1/2 @ 8' CC	19-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-2/3	18-1/2	1/4	7 Zinc C.M.	3-1/2"
Contre Trompette	16	80	3" CCC to FF half length FF# & up Full length		D(F)	Eschallots Zinc & S.M.	3-1/2"

MIXTURE FORMULA

GREAT II-III MIXTURE

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.