

AR SERIES ORGAN
 EARMARK FOR
 #11599, FIRST BAPTIST CHURCH, MANNING, SOUTH CAROLINA
 SPECIFICATIONS FOR A SERIES 80-8 ORGAN
 TO BE COMPLETED - JANUARY 1, 1983

2/8
GENERAL

(1) ORGAN

Great Organ	Enclosed, no cabinet
Swell Organ	<i>Enclosed, no cabinet</i> Standard Design (7'-1 1/2" long) without grille
	Layout will be supplied
Wood & Finish	Silvite - Charcoal Brown
Action	Electro-Pneumatic
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
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 (located in Hallway near Swell Organ)

Type	2-P-2116 - 1/2 HP - 1750 RPM - 6" outlet
Wind	260 c.f.m. @ 3-1/2"
Current Specification	1 Phase - 60 Cycles - 120 Volts - 7.2 Amperes
Overall Size	2'-5 3/4" Long x 1'-10 3/8" Wide x 2'-6" High

POWER UNIT (located near blower)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input - 1 Phase - 60 Cycles - 120 Volts - 10 Amperes
Overall Size	14-1/2" Long x 10-3/4" Wide x 7" High

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CONSOLE AND ORGAN

GREAT ORGAN (Enclosed)

1	8	Principal-----	85 pipes
2	8	Rohrflöte-----from #9-----	61 notes
3	8	Gemshorn -----from #10-----	61 notes
4	4	Octave -----from #1-----	61 notes
5	4	Rohrflöte-----from #9-----	61 notes
6	2	Super Octave-----from #1-----	61 notes
7	III-IV	Mixture-----	208 pipes
8		Chimes-----Mayland tubes and electric action, relay, transformer and volume control, A to F, #22 to #42 -----	21 tubes

SWELL ORGAN (Enclosed)

9	8	Rohrflöte-----	80 pipes
10	8	Gemshorn-----	80 pipes
11	8	Gemshorn Celeste TC---(prepared for console only)	
12	4	Rohrflöte-----from #9-----	61 notes
13	4	Gemshorn-----from #10 -----	61 notes
14	2	Rohrflöte-----from #9--(repeat 5 top notes)-----	61 notes
15	1-1/3	Larigot -----from #10--(repeat 5 top notes)-----	61 notes
16	1	Siffelöte-----from #9---(repeat 17 top notes)-----	61 notes
17	8	Trompette-----	61 pipes
18	4	Clairon-----from #17--(repeat 12 top notes)-----	61 notes
19		Tremolo	

PEDAL ORGAN

20	16	Bourdon-----12 pipes, 20 from #9-----	32 notes
21	8	Principal-----from #1 -----	32 notes
22	8	Rohrflöte-----from #9 -----	32 notes
23	4	Octave-----from #1 -----	32 notes
24	4	Rohrflöte-----from #9 -----	32 notes
25	III	Mixture-----from #7-----	32 notes
26	16	Contre Trompette-----12 pipes, 20 from #17-----	32 notes
27	8	Trompette-----from #17-----	32 notes
28	4	Clairon-----from #17-----	32 notes

COUPLERS

29	Great to Pedal
30	Swell to Pedal
31	Swell to Great

ADJUSTABLE COMBINATIONS

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

Affecting Full Organ

PEDAL MOVEMENTS

Balanced Expression Pedal - Great Organ (8 contacts, make to close)
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 (amber jewel)
Concave and radiating pedal keyboard
Organ bench with music shelf
Transparent music rack
Music rack light
Pedal light

PIPE ANALYSIS

STOP	PITCH	PIPES	SCALE	HALVING	MOUTH	REMARKS	WIND PRESSURE
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GREAT ORGAN (Enclosed)

Principal	8	85	45	17-1/2	1/4	19 Zinc S.M.	3-1/2"
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Mixture	III-IV	208	See Formula Below				
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SWELL ORGAN (Enclosed)

Rohrflöte	8	80	56	21-1/2	2/9	Sm.O.S. Chimneys #19-62, 18 Zinc C.M.	3-1/2"
Pull in 12 scales between #68-80							

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		

Trompette	8	61	2-1/4" CC to FF# Half length			D(F) Eschallots Zinc & S.M.	3-1/2"
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PEDAL ORGAN

Bourdon	16	12	RMB Sc.			Wood	5"
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Contre Trompette	16	12	3", half length			D(F) Eschallots, Zinc	3-1/2"
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GREAT III-IV MIXTURE FORMULA

22	19	15	12	12	12
26	22	19	15	15	15
29	26	22	19	19	
	29	26	22		
1-17	18-29	30-36	37-49	50-54	55-61

Unison	47 Sc.	17-1/2	1/4 mouth	S.M.
Quint	49 Sc.	17-1/2	1/4 mouth	S.M.