

H. R. Daniels

AR SERIES ORGAN

MARK FOR

#11144 CARTERET STREET UNITED METHODIST CHURCH, BEAUFORT, SOUTH CAROLINA
SPECIFICATIONS FOR A SERIES 70-9B ORGAN

2/13

GENERAL

(1) ORGAN

Great Organ	Exposed (divided) supply enclosure
Swell Organ	Chamber installation
	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>provide glides</i>
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 blower space)

Type	2-P-2116 - 1/2 HP - 1750 RPM
Rating	500 c.f.m. @ 4" - 6" outlet
Current Specification	1 Ph - 60 Cy - 110 Volts - 7.2 Amperes
Overall Size	2' - 5-3/4" x 1' - 10-3/8" x 2' - 6-1/4"

(4) POWER UNIT (located in console)

Rating	DC Output - 10-15 Volts - 30 Amperes
Current Specification	AC Input: 1 Ph - 60 Cy - 110 Volts - 10 Amperes
Overall Size	14-1/2" x 10-3/4" wide x 7" high

CONSOLE AND ORGAN

GREAT ORGAN (Exposed)

16	Bourdon	97 pipes
8	Principal.....	73 pipes
8	Gedecktfrom #1	61 notes
8	Gemshornfrom #13.....	61 notes
4	Octavefrom #2.....	61 notes
4	Gedecktfrom #1.....	61 notes
2	Flute.....from #1	61 notes
III-IV	Mixture.....	183 pipes
II	Sesquialtera T.C.....	98 pipes
	Chimes.....(prepared for in console only)	

SWELL ORGAN (Enclosed)

12	8	Rohrflöte.....	73 pipes
13	8	Gemshorn.....	80 pipes
14	8	Gemshorn Celeste T.C	49 pipes
15	4	Spitzprincipal	73 pipes
16	4	Rohrflötefrom #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	Claironfrom #19....repeat 5 top notes.....	61 notes
22		Tremolo	

PEDAL ORGAN

23	16	Bourdon.....from #1.....	32 notes
24	8	Octavfrom #2.....	32 notes
25	8	Gedeckt.....from #1	32 notes
26	8	Gemshornfrom #13	32 notes
27	4	Octavefrom #2	32 notes
28	4	Rohrflöte.....from #12.....	32 notes
29	III	Mixturefrom #8.....	32 notes
30	16	Contre Trompette.....from #19.....	32 notes
31	8	Trompette.....from #19.....	32 notes
32	4	Clairon.....from #19.....	32 notes

COUPLERS

33 Swell to Great

ADJUSTABLE COMBINATIONSPistons No. 1-2-3-4
General Cancel

Affecting Full Organ

PEDAL MOVEMENTSBalanced Expression Pedal - Swell Organ (8 contacts, reverse system)
Balanced Crescendo Pedal with indicator light (green jewel)ACCESSORIESMotor and power unit on-off switch (lock type) with indicator light (red jewel)
Concave, radiating pedal clavier
Organ bench with music shelf ~~and backrest~~
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	97	CCC to BBB Reg. Manual Bourdon CC to BB Reg. Artiste Taper Bass TC up Reg. Artiste Treble			Wood) Wood) Wood & S.M.)	3-1/2"
Principal	8	73	48	18-1/2	1/4	17 Zinc S.M.)	3-1/2"
Mixture	III	183	See Formula Below				3-1/2"
Sesquialtera TC	II	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 18-1/2	2/9	17 Zinc S.M.	3-1/2"
Gemshorn Celeste TC	8	49	56-1/3	17-1/2	2/9	5 Zinc S.M.	3-1/2"
Spitzprincipal	4	73	60-3/4	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			
	1-37	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.	

GREAT II SESQUIALTERA TC FORMULA

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